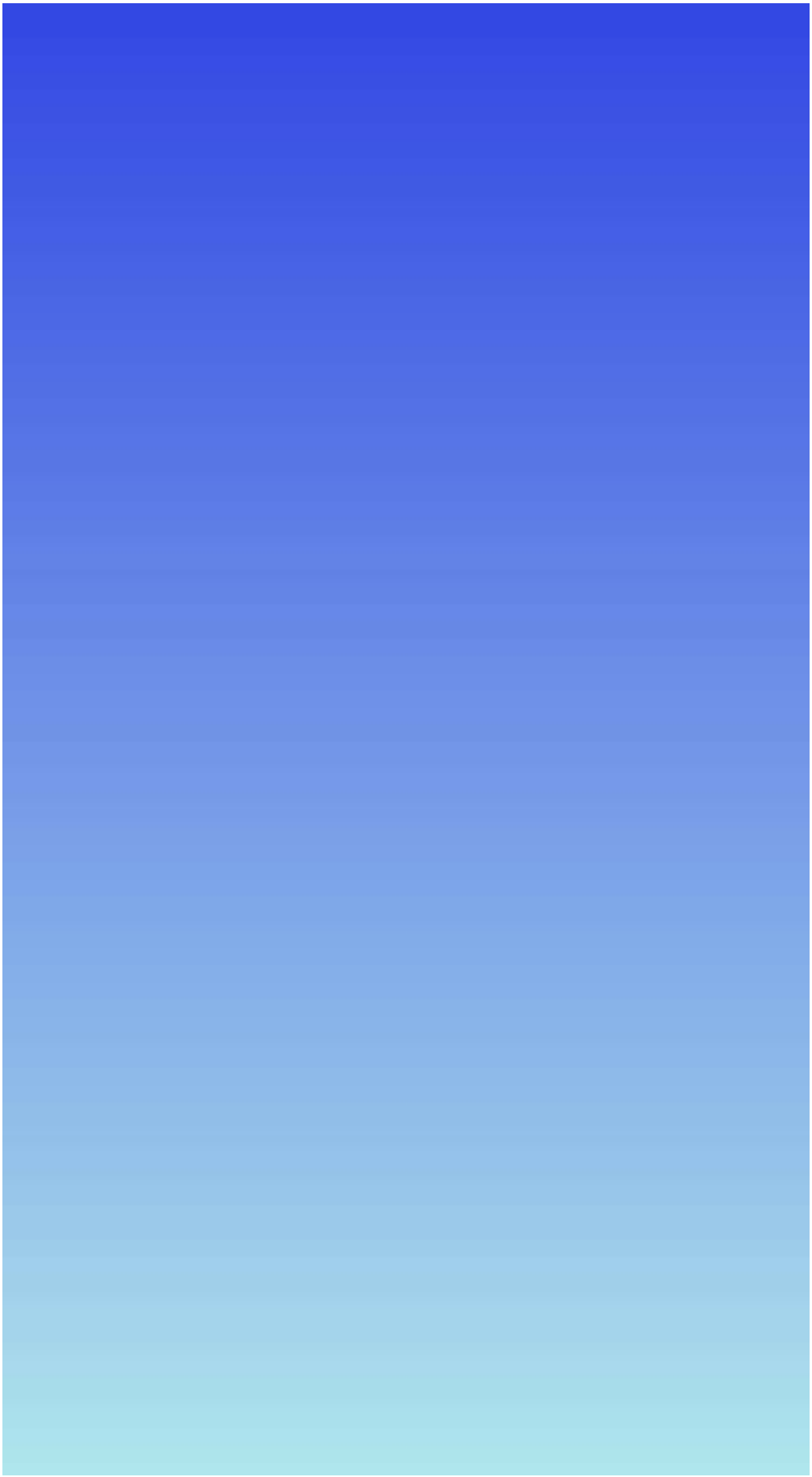


AIR SCIENCES INC.

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Baseline Meteorological, Upper-Air, and Air Quality Data Report: Resolution Copper Mining Project

October 1 – December 31, 2016

PREPARED FOR:
RESOLUTION COPPER,
A MEMBER OF THE RIO
TINTO GROUP

PROJECT NO. 262-20-2
MARCH 2017

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1.0 INTRODUCTION

This report summarizes the meteorological, upper-air (SoDAR[1]), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), ozone (O_3), and particulate matter (PM) data collected at the Resolution Copper Project near Superior, Arizona, for the fourth quarter, October 1 through December 31, 2016. Monitoring was performed in accordance with the *Resolution Copper Mining Monitoring Plan, March 2016* ("Monitoring Plan") (approved by the Pinal County Air Quality Control District [PCAQCD] on July 28, 2016).

Resolution Copper Mining LLC (RCML) has implemented a meteorological and air quality monitoring program to support several efforts during the pre-feasibility and other mine development phases: environmental assessments, impact analyses, and documents required by the National Environmental Policy Act (NEPA); meteorological and air quality data to be processed and used as input for AERMOD (American Meteorological Society/Environmental Protection Agency Regulatory Model) dispersion modeling; and air quality baseline data and AERMOD analyses in support of RCML's application to the PCAQCD for air permit(s).

1.1 Location

The Resolution Copper Project is located near Superior, Arizona. Currently there are four monitoring stations. The East Plant station is located at the main project site, east of Superior. The West Plant station is located at RCML's facilities directly north of Superior, Arizona. The Hewitt station is located approximately six miles west of Superior, Arizona. The Far West station is located 16 miles southwest of Superior, Arizona. The topography ranges from flat to hilly to mountainous.

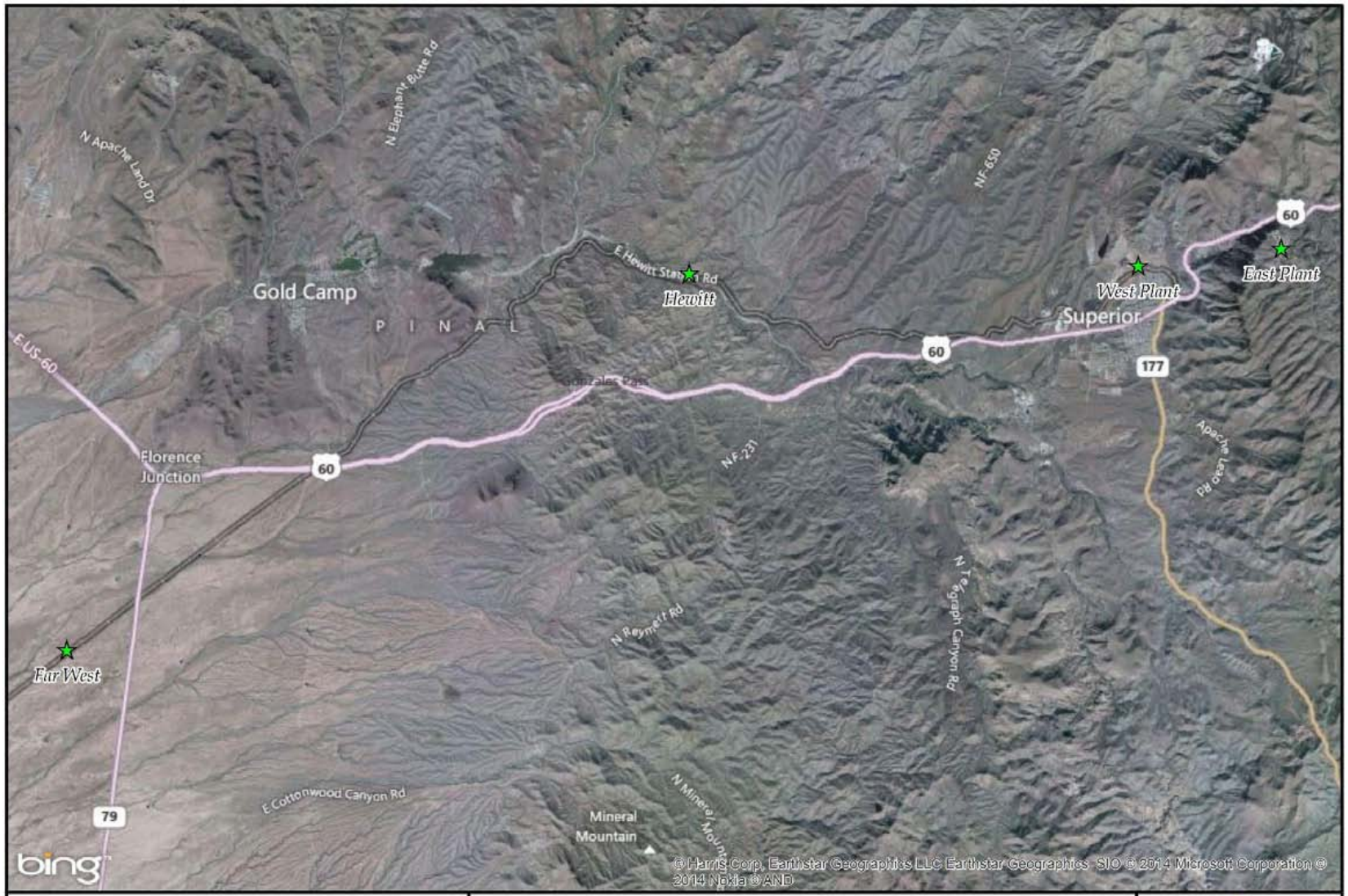
The monitoring station locations are listed by coordinates in Table 1 and are shown in Figure 1.

Table 1. Monitoring Station Locations

Station	Location	Latitude (Deg)	Longitude (Deg)	Elevation (ft)	Method of Determination
East Plant	S32 T1S R13E	33.3037	-111.0674	4,176	GPS
West Plant	S35 T1S R12E	33.2994	-111.1020	2,968	GPS
Hewitt Meteorological	S35 T1S R11E	33.2978	-111.2109	2,235	GPS
Hewitt SoDAR	S35 T1S R11E	33.2981	-111.2114	2,236	GPS
Far West	S36 T2S R9E	33.2107	-111.3769	1,754	GPS

[1] Sonic Detection and Ranging (SoDAR) systems use acoustic pulses to measure wind profiles at various sample heights above the ground.

Figure 1. Resolution Monitoring Site Locations



1.2 Monitoring Program Description

Meteorological sensors and air quality instrumentation at the East Plant, West Plant, and Far West stations are mounted on 10-meter, open-lattice towers or housed in climate-controlled, insulated shelters. Meteorological sensors at the Hewitt station are mounted on a 20-meter, open-lattice tower, and the SoDAR is housed within a weatherproof enclosure. Sensors for all four sites are listed by height in meters, from ground level, in Table 2.

Table 2. Sensors and Heights (meters)

		East Plant	West Plant	Hewitt	Far West
AERMOD Meteorological Data	Horizontal wind speed (meters per second [m/s])	10	10	10, 20	10
	Horizontal wind direction (degrees [°])	10	10	10, 20	10
	Horizontal wind direction standard deviation (sigma theta)	10	10	10, 20	10
	Air temperature (degrees Celsius [°C])	2	2	2	2
	Vertical temperature difference (ΔT, Delta T; °C)	2, 10	2, 10	2, 10	2, 10
	Relative humidity (percent [%])	2	2	2	2
	Solar radiation (watts per square meter [W/m^2])	2	2	2	3
	Barometric pressure (millimeters of mercury [mmHg])	1	1	1	1
	Precipitation (inches [in])	Ground	Ground	--	--
Upper-Air Data	Wind speed by vector component (u, v, w; m/s)	--	--	1	--
	Wind direction by sub-hourly scalar mean (direction [°])	--	--	1	--
	Standard deviation of vector component (u, v, w)	--	--	1	--
Ambient Air Data	FEM* Particulate matter less than 10 microns (PM_{10})	3	2	--	2
	FEM* Particulate matter less than 2.5 Microns ($PM_{2.5}$)	3	2	--	2
	Nitrogen dioxide (NO_2)	3	--	--	--
	Sulfur dioxide (SO_2)	3	--	--	--
	Ozone (O_3)	3	--	--	--

*Federal Equivalent Method (FEM)

1.2.1 Meteorological and Upper-Air Data

Meteorological data are recorded by digital data acquisition systems equipped with broadband modems for data transfer. The meteorological parameters are sampled on-site at one-second intervals and are digitally processed into 15-minute averages. The 15-minute averages are transmitted to Air Sciences Inc. (Air Sciences) for quality assurance checks and are used as input for the calculation of one-hour averages.

Upper-air data are computed and recorded as 15-minute averages using the SoDAR computer and internally programmed algorithms. These averages are temporarily stored on the SoDAR computer and securely transmitted every 24 hours via cellular broadband Internet to the Air Sciences server.

Appendix A lists hourly meteorological data from October 1 through December 31, 2016. In addition, Section 3.0 provides a summary and discussion of the meteorological and upper-air data during this quarter.

Meteorological and upper-air parameters are collected in support of air quality data. All sensors are audited and data undergo quality control procedures according to the guidelines outlined in the Monitoring Plan.

1.2.2 NO_2 Data

NO_2 is measured at the East Plant using the Teledyne T200 Chemiluminescence NO_2 Analyzer, which holds an Environmental Protection Agency (EPA) equivalency designation as a Reference Method (RFNA-1194-099). This instrument is designed to measure oxides of nitrogen (NO_X) (with nitrogen dioxide, NO_2, as an indicator) at trace levels in ambient air. The instrument is operated continuously to collect hourly NO, NO_2, and NO_X concentrations. Data are transferred via FTP script every hour to the Air Sciences server and made available to authorized persons via a data web-portal. Appendix C lists hourly NO_2 data for the East Plant from October 1 through December 31, 2016.

Level 1 zero and span checks and Level 2 zero and span precision checks are conducted by the site operator biweekly or as needed. Second-party audits, adjustments, and general maintenance on the NO_2 monitor are performed according to the guidelines outlined in the Monitoring Plan.

1.2.3 SO_2 Data

SO_2 is measured at the East Plant using the Teledyne T100 UV Fluorescence SO_2 Analyzer, which holds an EPA designation as an Automated Equivalent Method (EQSA-0495-100). The instrument is operated continuously to collect hourly SO_2 concentrations. Data are transferred via FTP script every hour to the Air Sciences server and made available to authorized persons via a data web-portal. Appendix C lists hourly SO_2 data for the East Plant from October 1 through December 31, 2016.

Level 1 zero and span checks and Level 2 zero and span precision checks are conducted by the site operator biweekly or as needed. Second-party audits, adjustments, and general maintenance on the SO_2 monitor are performed according to the guidelines outlined in the Monitoring Plan.

1.2.4 O_3 Data

O_3 is measured at the East Plant using the Teledyne T400 UV Absorption O_3 Analyzer, which holds an EPA designation as an Automated Equivalent Method (EQOA-0992-087). The instrument is operated continuously to collect hourly O_3 concentrations. Data are transferred via FTP script every hour to the Air Sciences server and made available to authorized persons via a data web-portal. Appendix C lists hourly and rolling 8-hour average O_3 data for the East Plant from October 1 through December 31, 2016.

Level 1 zero and span checks and Level 2 zero and span precision checks are conducted by the site operator biweekly or as needed. Second-party audits, adjustments, and general maintenance on the O_3 monitor are performed according to the guidelines outlined in the Monitoring Plan.

1.2.5 PM Data

PM_{10} and $PM_{2.5}$ are measured at the East Plant, West Plant, and Far West sites using Met One Instruments' Beta Attenuation Monitors (BAM). At each site, one BAM is configured as a $PM_{2.5}$ FEM, which holds the EPA designation EQPM-0308-170, and the other BAM is configured as a PM_{10} FEM, which holds the EPA designation EQPM-0798-122. The instruments are operated continuously to collect hourly $PM_{2.5}$ and PM_{10} concentrations. Data are transferred via FTP script every hour to the Air Sciences server and made available to authorized persons via a data web-portal. Appendix B lists hourly $PM_{2.5}$ and PM_{10} data from October 1 through December 31, 2016.

The accuracy of the monitor is assessed through monthly audits of the flow rate by using a certified flow transfer standard.

Second-party audits, adjustments, and general maintenance on the PM monitors are performed according to the guidelines outlined in the Monitoring Plan.

2.0 DATA RECOVERY RATES

Data recovery rates for all parameters at all the stations are presented in Table 3. Meteorological and upper-air data recoveries are calculated by dividing the amount of valid hourly averages by the available hourly periods in the quarter. Particulate and gaseous data recoveries are calculated by dividing the amount of valid 24-hour averages (for PM_{10} and $PM_{2.5}$), valid 24-hour maximum values (for SO_2 and NO_2), and valid daily rolling 8-hour maximum values (for O_3) by the number of days in the quarter. Particulate and gaseous 24-hour averages or maximums are valid if greater than 75 percent of the hourly readings are valid for that day (at least 18 out of 24 hours).

Table 3. Data Recovery Rates
October 1–December 31, 2016 (percent)

	East Plant		West Plant		Hewitt		Far West		
Parameter*	**Recorded Observations**	**Recovery Rate**	**Recorded Observations**	**Recovery Rate**	**Recorded Observations**	**Recovery Rate**	**Recorded Observations**	**Recovery Rate**	**Minimum Required Recovery Rate**
Meteorological									
Wind speed (10 m)	2,206	99.9	2,005	90.8	2,185	99.0	2,208	100.0	90
Wind direction (10 m)	2,206	99.9	2,005	90.8	2,185	99.0	2,208	100.0	90
Wind speed (20 m)	--	--	--	--	2,185	99.0	--	--	90
Wind direction (20 m)	--	--	--	--	2,185	99.0	--	--	90
Temperature (2 m)	2,208	100.0	2,005	90.8	2,185	99.0	2,208	100.0	90
Delta temperature	2,208	100.0	2,005	90.8	2,185	99.0	2,208	100.0	90
Relative humidity	2,208	100.0	2,005	90.8	2,185	99.0	2,208	100.0	90
Barometric pressure	2,208	100.0	2,005	90.8	2,185	99.0	2,208	100.0	90
Precipitation	2,208	100.0	2,005	90.8	--	--	--	--	90
Solar radiation	2,208	100.0	2,005	90.8	2,185	99.0	2,208	100.0	90
Upper-Air (SoDAR)									
Wind speed (20-190 m)	--	--	--	--	2,100-2,104	95.1 - 95.3	--	--	90
Wind direction (20-190 m)	--	--	--	--	2,100-2,104	95.1 - 95.3	--	--	90
Gaseous									
NO_2	92	100.0	--	--	--	--	--	--	75
O_3	77	83.7	--	--	--	--	--	--	75
SO_2	92	100.0	--	--	--	--	--	--	75
Particulate									
PM_{10}	60	65.2**	79	85.9	--	--	92	100.0	75
$PM_{2.5}$	88	95.7	77	83.7	--	--	92	100.0	75

* Meteorological and upper-air parameters are observed hourly (2,208 hours in this period).
NO_2, O_3, SO_2, and PM parameters are observed every 24 hours (92 days in this period).
** Entries in red indicate recovery rates that do not meet the minimum requirement.

2.1 Data Loss

2.1.1 Meteorological Data Loss

2.1.1.1 East Plant Meteorological Data Loss

Two hours of wind speed and direction data were invalidated at the East Plant station for the fourth quarter of 2016 due to 15-minute averaged zero wind speeds.

2.1.1.2 West Plant Meteorological Data Loss

A West Plant datalogger internal critical component failure resulted in a total of 203 hours of missing data during the fourth quarter of 2016.

2.1.1.3 Hewitt Station Meteorological and Upper-Air Data Loss

A modification of the existing Hewitt Station tower datalogger program resulted in a total of 23 hours of missing data during the fourth quarter.

Invalid and/or missing Hewitt Station SoDAR data during the fourth quarter of 2016 were due to routine inspections and services or atmospheric disturbances, such as precipitation or surface noise detected and invalidated by the SoDAR system.

2.1.1.4 Far West Meteorological Data Loss

No meteorological data were invalidated at the Far West station for the fourth quarter of 2016.

2.1.2 NO_2 Data Loss

NO_2 data were invalidated due to Level 1 and Level 2 zero/span checks and weekly services during the fourth quarter of 2016.

2.1.3 SO_2 Data Loss

SO_2 data were invalidated due to Level 1 and Level 2 zero/span checks and weekly services during the fourth quarter of 2016.

2.1.4 O_3 Data Loss

O_3 data were invalidated due to Level 1 and Level 2 zero/span checks and weekly services during the fourth quarter of 2016.

2.1.5 PM Data Loss

2.1.5.1 East Plant PM Data Loss

24-hour average PM_{10} data were invalidated at the East Plant station from November 30, 2016, through December 31, 2016, due to a flow audit failure observed on January 10, 2017. The 24-hour average PM_{10} data were invalidated back to the last monthly flow verification completed on November 30, 2016.

24-hour average $PM_{2.5}$ data were invalidated at the East Plant station from December 9, 2016, through December 12, 2016, due to sample tape errors.

Additional invalid hourly PM_{10} and $PM_{2.5}$ data at the East Plant station were due to monthly flow verifications, regularly scheduled maintenance, power outages, and internal instrument errors.

2.1.5.2 West Plant PM Data Loss

24-hour average PM_{10} data were invalidated at the West Plant station from November 19, 2016, through November 21, 2016, and December 12, 2016 through December 13, 2016, due to sample tape errors.

24-hour average $PM_{2.5}$ data were invalidated at the West Plant station from October 14, 2016, through October 19, 2016, due to a 72-hour background zero calibration.

24-hour average $PM_{2.5}$ data were invalidated at the West Plant station from November 19, 2016, through November 21, 2016, and from December 2, 2016, through December 5, 2016, due to sample tape errors.

Other invalid hourly PM_{10} and $PM_{2.5}$ data at the West Plant station were due to monthly flow verifications, regularly scheduled maintenance, power outages, and internal instrument errors.

2.1.5.3 Far West PM Data Loss

24-hour average PM_{10} data were invalidated at the Far West station on December 31, 2016, due to sample tape errors.

Additional invalid hourly PM_{10} and $PM_{2.5}$ data at the Far West station were due to monthly flow verifications, regularly scheduled maintenance, internal instrument errors, and power outages.

2.2 Quality Control

Quality assurance, equipment calibration, and audit procedures were conducted in accordance with the following documents:

- Quality Assurance Handbook for Air Pollution Measurement Systems, Volume II: Ambient Air Quality Monitoring Program (EPA-454/B-13-003, May 2013)
- Quality Assurance Handbook for Air Pollution Measurement Systems, Volume IV: Meteorological Measurements (EPA-454/B-08-002, March 2008)
- Transfer Standards for the Calibration of Ambient Air Monitoring Analyzers for Ozone (EPA-454/B-13-004, October 2013)
- Code of Federal Regulations (40 CFR Parts 50 and 58)
- Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD) (EPA-450/4-87-007, May 1987)
- Meteorological Monitoring Guidance for Regulatory Modeling Applications (EPA-454/R-99-005, February 2000)

Audits and/or calibrations of meteorological instrumentation are required every six months.

Audits and/or calibrations of the particulate air quality monitors and gaseous analyzers are required every three months.

Site checks on the meteorological sensors, SoDAR, particulate instruments, and gaseous analyzers continue to be conducted on a weekly basis. Copies of the flow verifications and site check forms can be found in Appendix D through Appendix G.

3.0 METEOROLOGICAL AND UPPER-AIR DATA SUMMARY AND DISCUSSION

3.1 Meteorological and Upper-Air Data Summary

Meteorological and upper-air data from October 1 through December 31, 2016, have been compiled and summarized in graphical and tabular form. Meteorological and upper-air data summary sheets (Figure 2 through Figure 5) are comprised of the following:

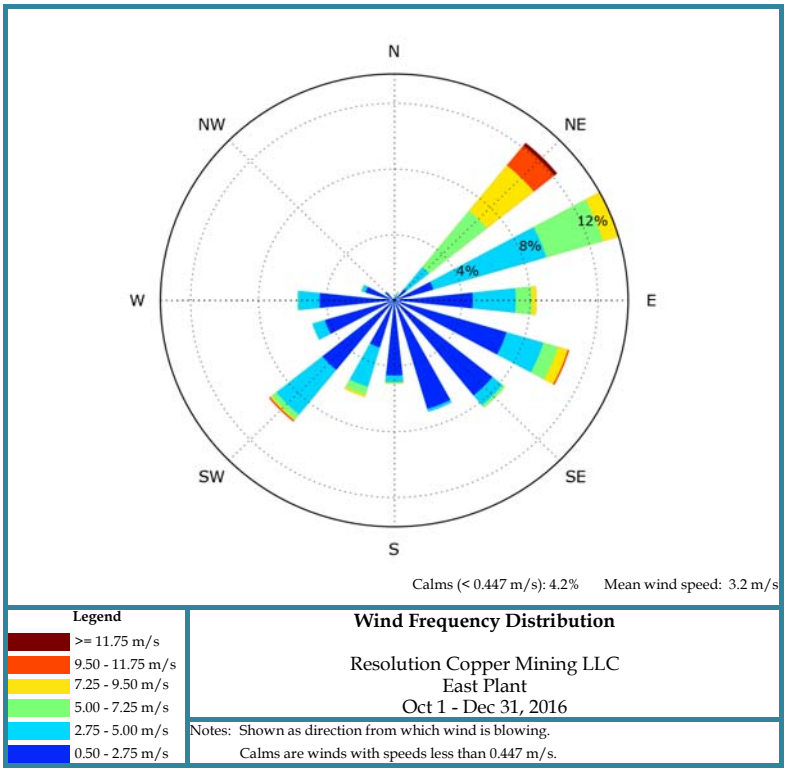
Wind Rose – The Wind Rose graphically depicts the percentage of winds that come from each of the 16 directions for the reported period. Wind speeds are divided into six subcategories ranging from less than 0.5 m/s (the measurement threshold of the instrument) to greater than 11.75 m/s.

Wind Frequency Table – The Wind Frequency Table shows the percentage of occurrence of winds for each of the 16 directions that occur in each of the six Wind Speed Class Intervals.

Meteorology Charts – The Meteorology Charts graphically summarize recorded hourly meteorological parameters by month. Chart types include stock-ticker charts (with high, low, and average hourly values for each month) and bar charts.

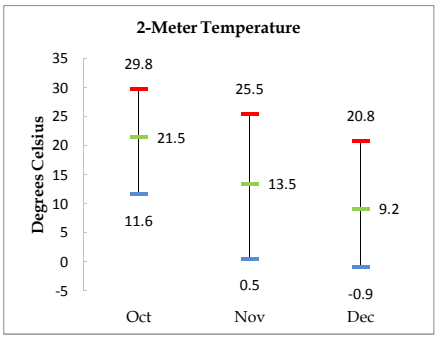
Figure 2: East Plant Meteorological Data Summary

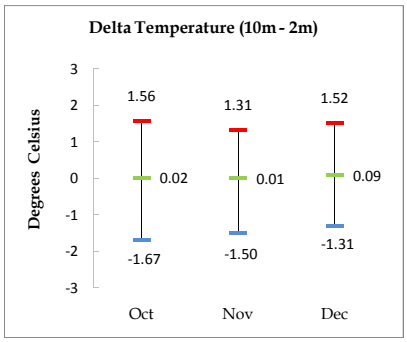
Meteorological Data: Oct 1 - Dec 31, 2016

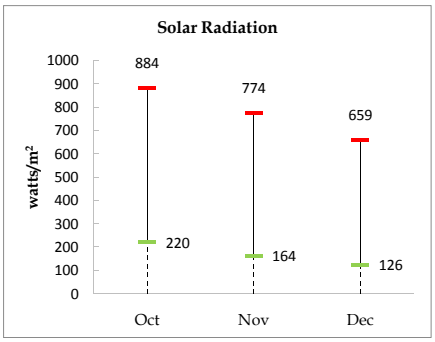


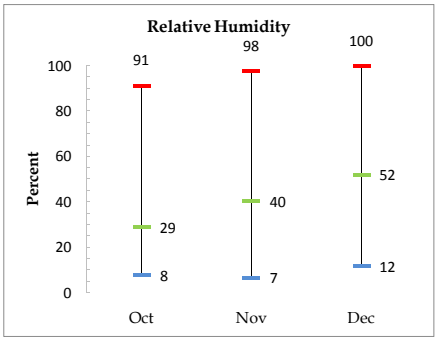
Direction	Speed Class Intervals (m/s) (percent of occurrence) 0.5 <1.5	1.5 <3	3 <5	5 <7	7 <10	>=10	All	Mean Speed
N	0.1	0.1	0.0	0.0	0.0	0.0	0.2	1.1
NNE	0.1	0.3	0.0	0.1	0.0	0.0	0.6	3.0
NE	0.2	0.9	1.6	3.5	5.0	1.2	12.3	6.8
ENE	0.7	2.1	6.5	3.4	1.0	0.0	13.8	4.4
E	1.7	3.5	2.0	0.9	0.3	0.0	8.4	3.0
ESE	2.6	4.8	1.8	0.8	0.8	0.0	10.7	2.9
SE	4.8	2.8	0.6	0.2	0.0	0.0	8.4	1.7
SSE	5.3	1.7	0.1	0.0	0.0	0.0	7.1	1.2
S	3.4	1.3	0.3	0.0	0.0	0.0	5.1	1.5
SSW	1.3	2.2	2.0	0.5	0.1	0.0	6.1	2.9
SW	1.0	5.0	2.9	0.4	0.1	0.0	9.5	2.8
WSW	0.9	3.7	0.4	0.0	0.0	0.0	5.0	2.1
W	1.2	3.6	0.9	0.0	0.0	0.0	5.7	2.2
WNW	0.8	1.0	0.1	0.0	0.0	0.0	2.0	1.9
NW	0.4	0.3	0.0	0.0	0.0	0.0	0.7	1.6
NNW	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.2
All	24.5	33.4	19.3	10.0	7.4	1.3	95.8	3.2

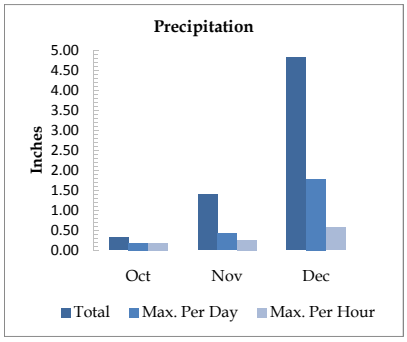












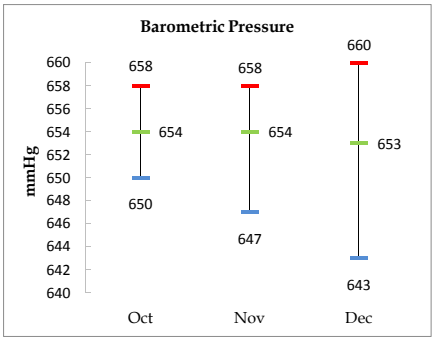
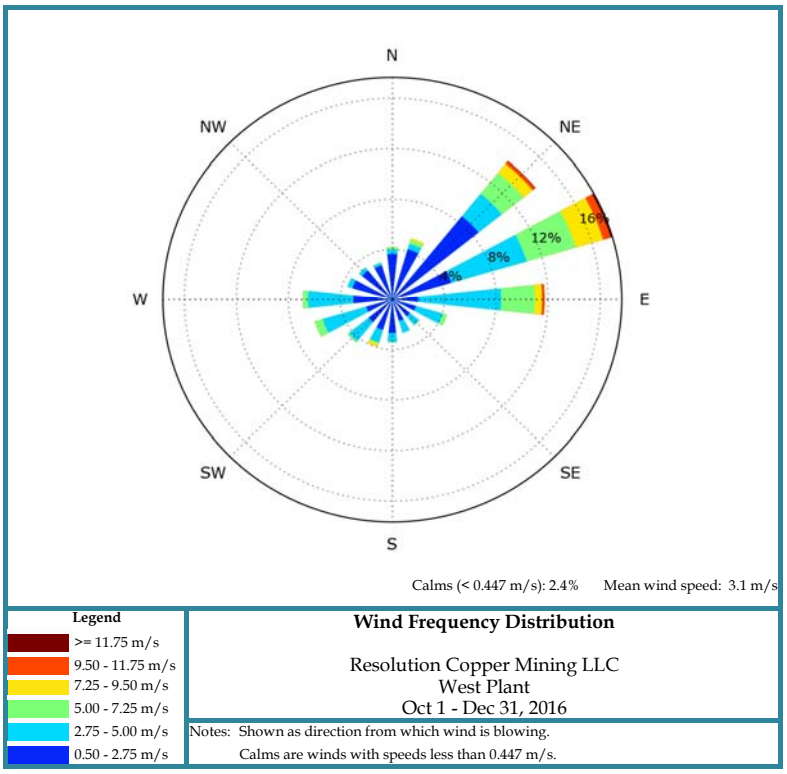


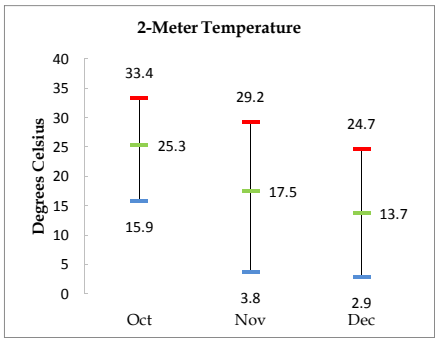
Figure 3: West Plant Meteorological Data Summary

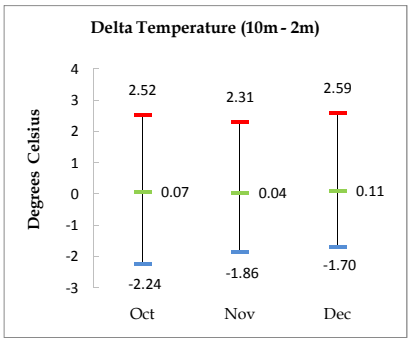
Meteorological Data: Oct 1 - Dec 31, 2016

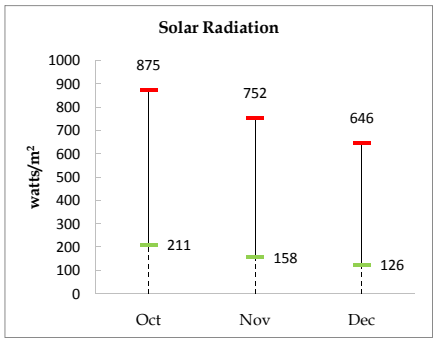


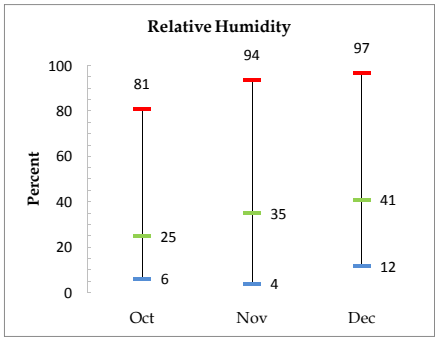
	Speed Class Intervals (m/s) (percent of occurrence)							Mean
Direction	0.5 <1.5	1.5 <3	3 <5	5 <7	7 <10	>=10	All	Speed
N	3.2	0.4	0.3	0.2	0.0	0.0	4.2	1.4
NNE	3.0	1.2	0.3	0.2	0.2	0.0	5.1	2.0
NE	4.4	4.5	1.9	1.8	1.3	0.2	14.2	3.2
ENE	1.7	3.6	5.5	3.9	2.4	0.6	17.7	4.6
E	0.6	1.8	5.9	2.5	0.6	0.1	11.7	4.3
ESE	0.4	2.0	1.6	0.3	0.0	0.0	4.4	3.1
SE	0.5	1.3	0.8	0.0	0.0	0.0	2.7	2.4
SSE	0.2	1.9	0.6	0.0	0.0	0.0	2.8	2.4
S	0.9	1.8	0.6	0.0	0.0	0.0	3.4	2.2
SSW	0.8	2.0	0.8	0.1	0.2	0.0	3.9	2.7
SW	0.2	2.4	1.6	0.1	0.0	0.0	4.4	2.9
WSW	0.5	1.9	3.2	0.5	0.1	0.0	6.2	3.3
W	0.8	3.2	2.5	0.3	0.0	0.0	6.9	2.9
WNW	1.5	1.8	0.2	0.0	0.0	0.0	3.6	1.7
NW	2.0	1.0	0.2	0.0	0.0	0.0	3.3	1.5
NNW	2.5	0.4	0.1	0.0	0.0	0.0	3.1	1.2
All	23.7	31.3	26.3	10.2	5.0	1.0	97.6	3.1

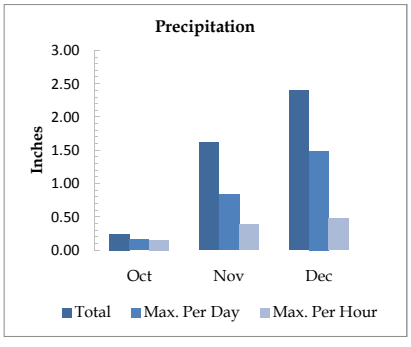












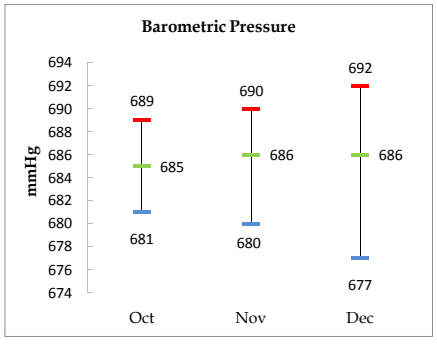
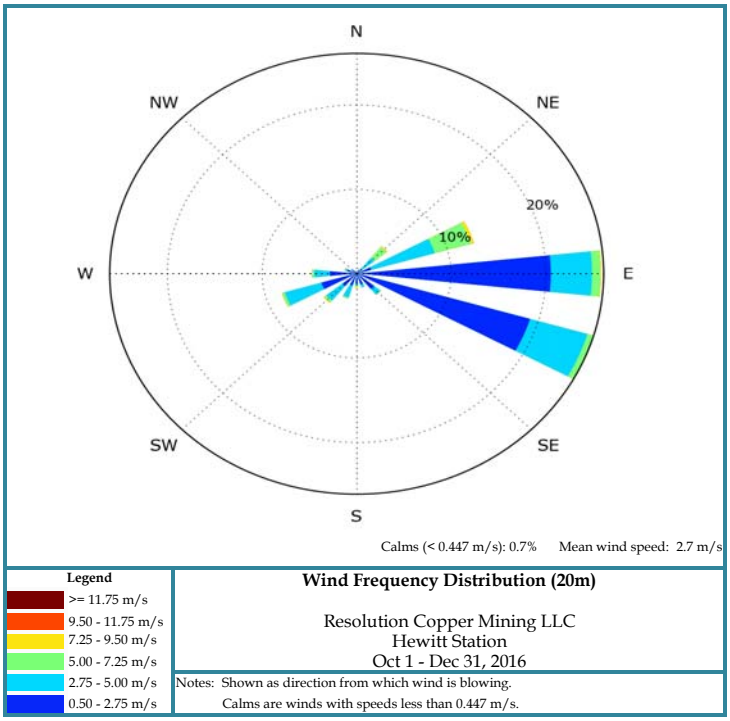


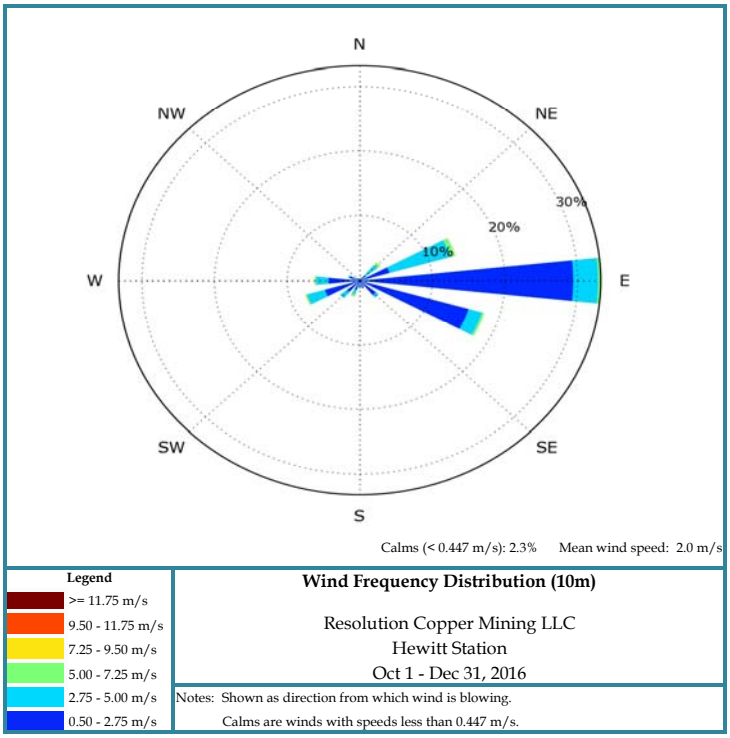
Figure 4: Hewitt Station Meteorological Data Summary

Meteorological Data: Oct 1 - Dec 31, 2016



20 Meters

	Speed Class Intervals (m/s) (percent of occurrence)							Mean
Direction	0.5 <1.5	1.5 <3	3 <5	5 <7	7 <10	>=10	All	Speed
N	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.4
NNE	0.3	0.2	0.0	0.0	0.0	0.0	0.5	1.7
NE	0.4	0.5	1.5	1.5	0.3	0.0	4.2	4.5
ENE	0.8	1.0	6.8	3.8	0.5	0.0	12.9	4.4
E	9.6	11.5	3.8	0.9	0.1	0.0	25.8	2.1
ESE	5.7	14.7	4.9	0.7	0.0	0.0	26.1	2.3
SE	1.2	1.3	0.7	0.1	0.0	0.0	3.3	2.2
SSE	0.7	0.7	0.3	0.0	0.0	0.0	1.7	1.9
S	0.9	0.4	0.2	0.1	0.1	0.0	1.7	2.5
SSW	0.7	1.0	1.2	0.1	0.0	0.0	3.1	2.7
SW	0.6	1.9	1.6	0.3	0.1	0.0	4.5	3.0
WSW	0.6	4.3	3.0	0.2	0.1	0.0	8.2	2.9
W	0.8	2.4	1.3	0.2	0.0	0.0	4.7	2.7
WNW	0.4	0.7	0.2	0.0	0.0	0.0	1.3	2.1
NW	0.4	0.2	0.1	0.0	0.0	0.0	0.6	1.6
NNW	0.2	0.1	0.0	0.0	0.0	0.0	0.4	1.3
All	23.5	40.9	25.7	8.0	1.2	0.0	99.3	2.7



10 Meters

	Speed Class Intervals (m/s) (percent of occurrence)							Mean
Direction	0.5 <1.5	1.5 <3	3 <5	5 <7	7 <10	>=10	All	Speed
N	0.2	0.0	0.0	0.0	0.0	0.0	0.3	1.1
NNE	0.3	0.2	0.0	0.0	0.0	0.0	0.5	1.5
NE	0.6	0.5	2.0	0.5	0.0	0.0	3.6	3.4
ENE	2.3	2.7	8.1	0.7	0.0	0.0	13.7	3.2
E	24.2	6.1	2.5	0.4	0.0	0.0	33.2	1.5
ESE	9.0	7.3	1.2	0.3	0.0	0.0	17.9	1.7
SE	1.8	1.2	0.4	0.0	0.0	0.0	3.3	1.6
SSE	0.7	0.5	0.0	0.0	0.0	0.0	1.2	1.5
S	0.7	0.3	0.2	0.0	0.0	0.0	1.2	1.6
SSW	0.5	1.1	0.5	0.3	0.0	0.0	2.6	2.7
SW	0.6	2.2	0.6	0.0	0.0	0.0	3.5	2.4
WSW	1.1	4.7	1.7	0.2	0.0	0.0	7.8	2.5
W	1.5	3.5	1.1	0.2	0.0	0.0	6.2	2.4
WNW	0.8	0.8	0.1	0.0	0.0	0.0	1.6	1.7
NW	0.4	0.2	0.0	0.0	0.0	0.0	0.6	1.5
NNW	0.3	0.1	0.0	0.0	0.0	0.0	0.4	1.1
All	45.0	31.5	18.4	2.7	0.0	0.0	97.7	2.0

Figure 4: Hewitt Station Meteorological Data Summary (Continued)

Meteorological Data: Oct 1 - Dec 31, 2016

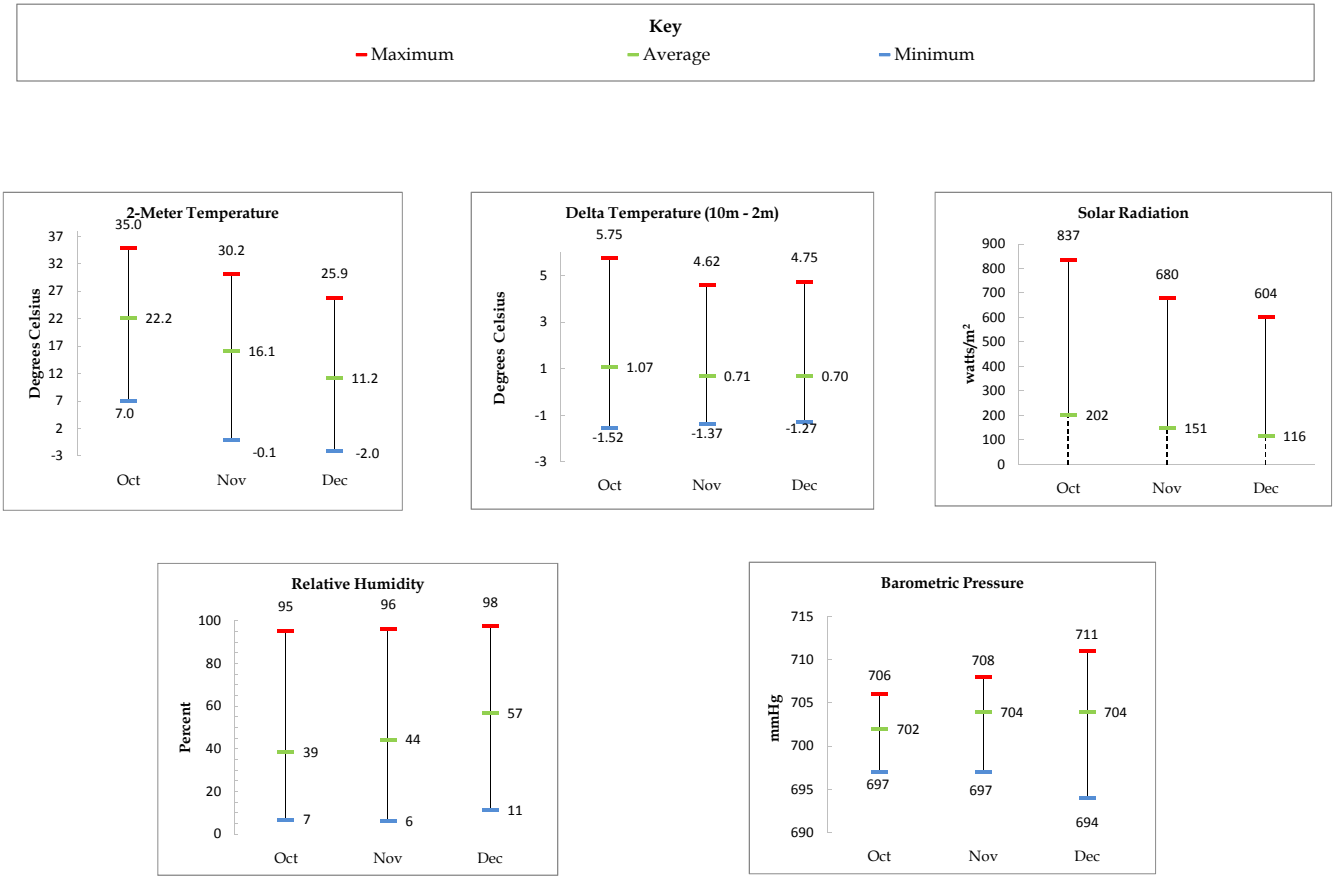
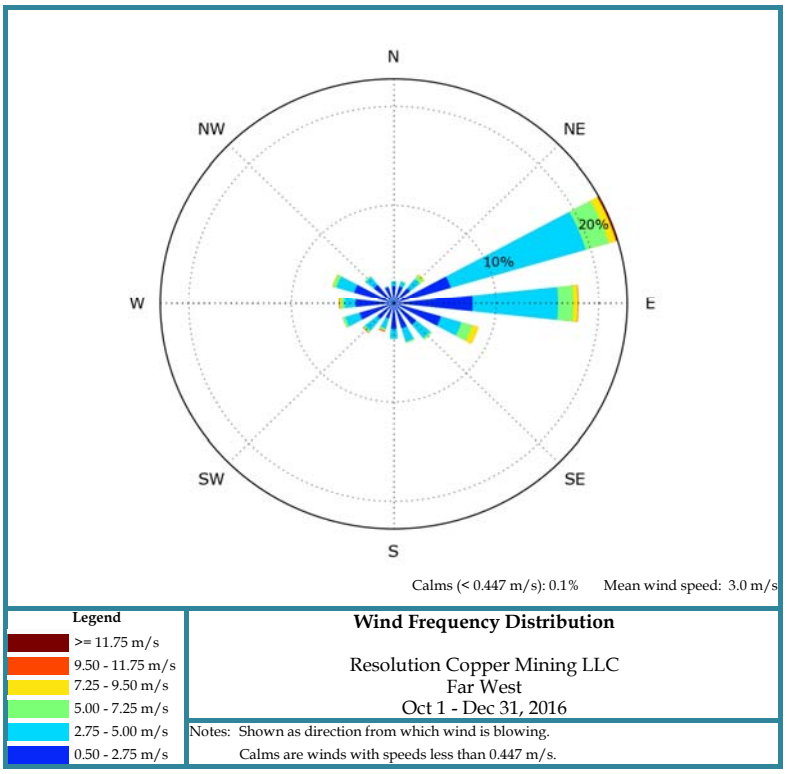


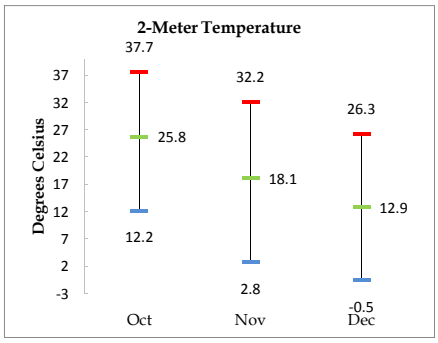
Figure 5: Far West Meteorological Data Summary

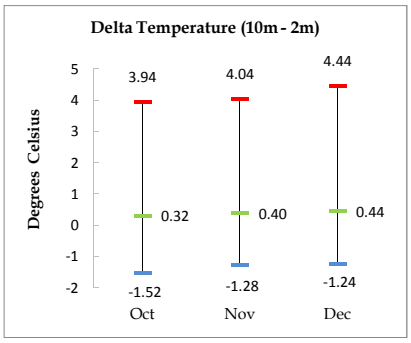
Meteorological Data: Oct 1 - Dec 31, 2016

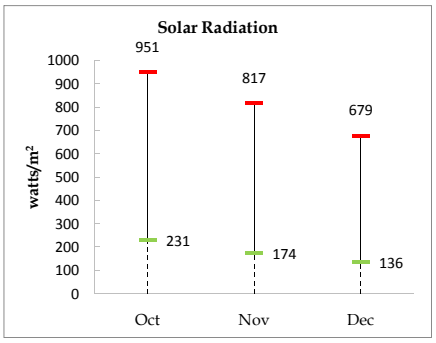


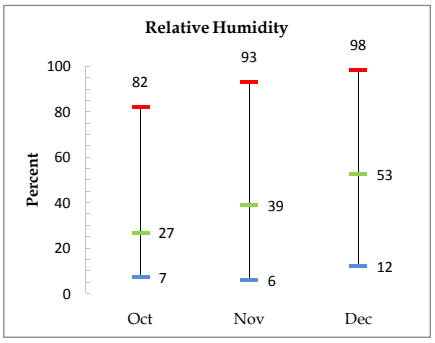
Direction	Speed Class Intervals (m/s) (percent of occurrence) 0.5 <1.5	1.5 <3	3 <5	5 <7	7 <10	>=10	All	Mean Speed
N	0.6	1.4	0.3	0.0	0.0	0.0	2.3	2.0
NNE	0.4	1.7	0.3	0.1	0.0	0.0	2.4	2.3
NE	0.4	1.9	0.9	0.5	0.2	0.0	3.8	3.2
ENE	0.7	6.9	11.9	2.2	1.0	0.0	22.8	3.7
E	0.8	9.7	5.5	1.4	0.5	0.0	18.0	3.2
ESE	0.9	4.3	1.7	1.0	0.7	0.0	8.6	3.3
SE	0.8	2.4	1.3	0.2	0.0	0.0	4.8	2.5
SSE	0.7	2.3	1.1	0.1	0.0	0.0	4.2	2.5
S	0.7	2.3	0.6	0.0	0.0	0.0	3.6	2.3
SSW	0.5	1.4	0.8	0.1	0.1	0.1	3.0	3.1
SW	0.6	1.7	1.3	0.1	0.1	0.0	3.9	2.8
WSW	1.2	2.7	1.0	0.3	0.0	0.0	5.2	2.5
W	0.9	3.2	0.8	0.3	0.2	0.0	5.3	2.8
WNW	0.8	3.7	1.4	0.3	0.1	0.0	6.3	2.6
NW	0.5	2.3	0.7	0.1	0.0	0.0	3.6	2.5
NNW	0.3	1.5	0.0	0.0	0.0	0.0	1.9	2.2
All	10.7	49.5	29.6	6.8	2.9	0.3	99.9	3.0

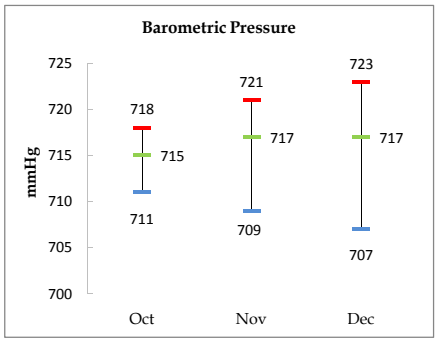












3.2 Meteorological and Upper-Air Data Discussion

The meteorological data collected at the East Plant, West Plant, and Far West sites for the fourth quarter of 2016 met all data recovery objectives. The barometric pressure data collected at Hewitt Station did not meet the minimum data recovery requirement of 90 percent for the fourth quarter of 2016. The upper-air data collected at the Hewitt station met all data recovery objectives.

3.2.1 Upper-Air and Anemometer Data Comparison

The SoDAR's 20-meter data and the tower's 20-meter anemometer data have been compared as an additional quality control check and general gauge of sensor accuracy.

Bivariate scatter plots with linear regressions compare the wind speed, u, and v components. Figure 6 through Figure 8 show a linear relation between the SoDAR's 20-meter upper-air data and the tower's 20-meter anemometer data, with a few outliers.

Figure 6. Wind Speed Comparison
October 1–December 31, 2016

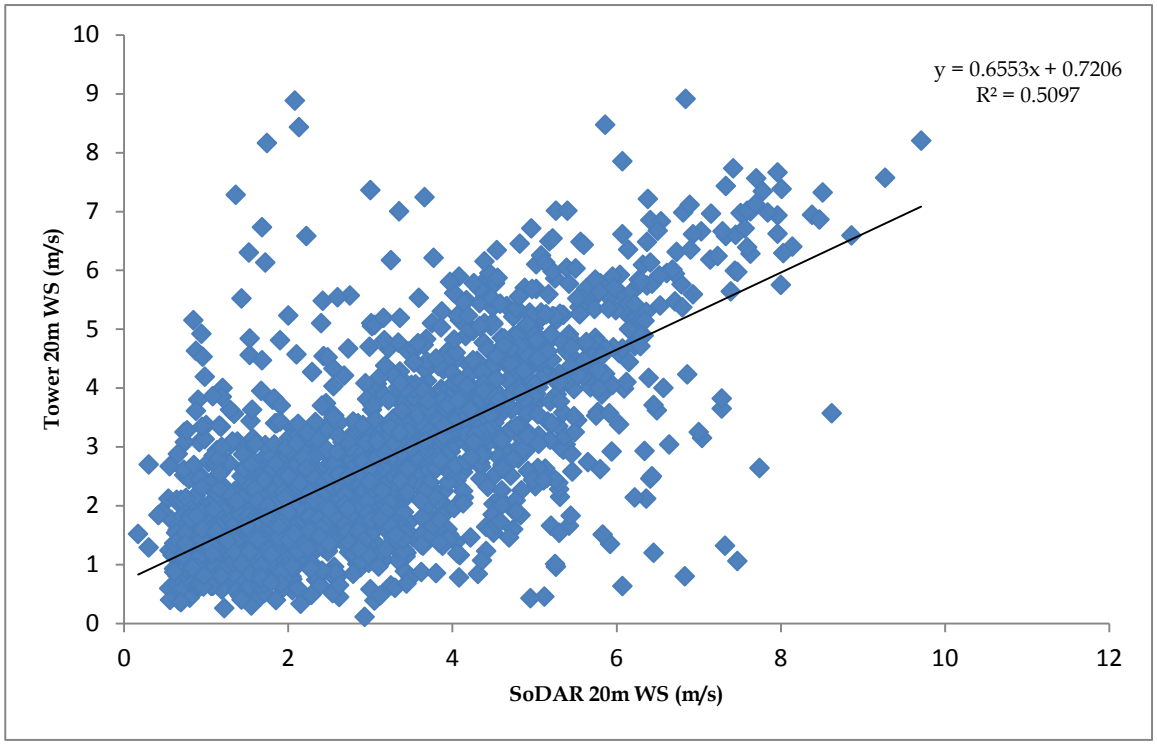


Figure 7. Zonal Component (u) Comparison
October 1–December 31, 2016

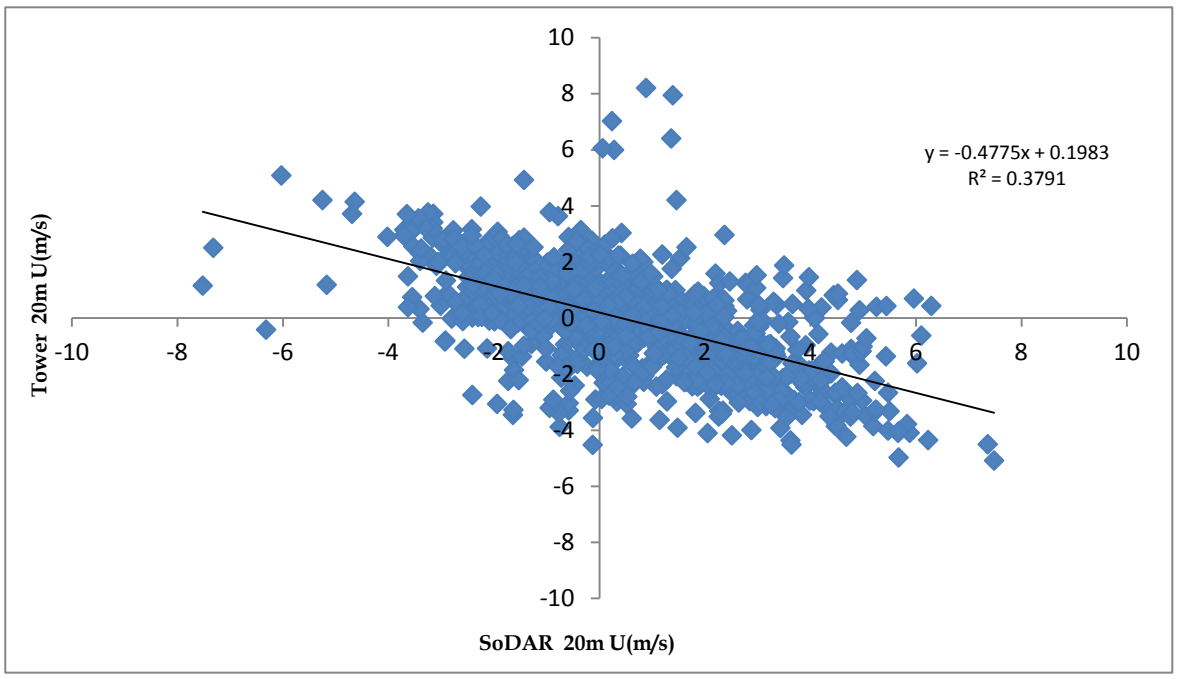
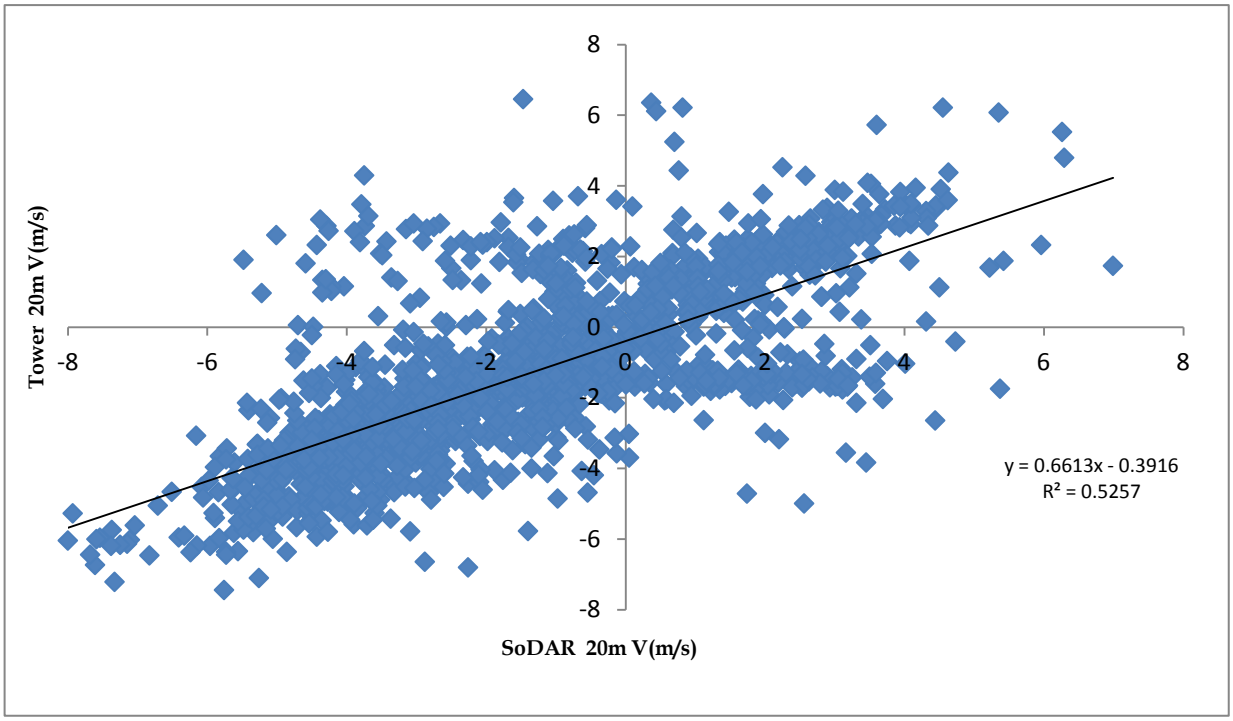


Figure 8. Meridional Component (v) Comparison
October 1–December 31, 2016

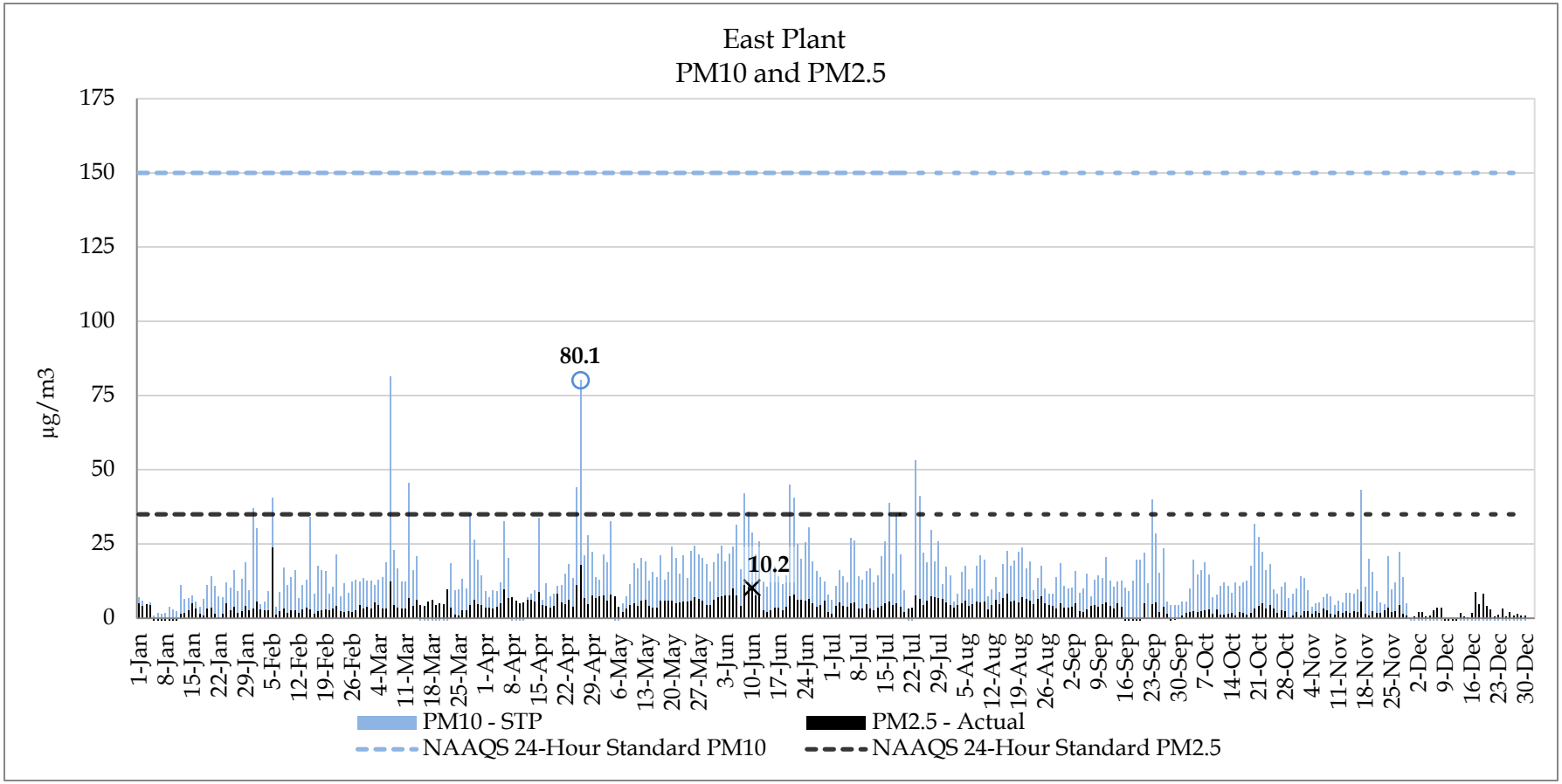


4.0 PM DATA SUMMARY AND DISCUSSION

4.1 East Plant PM Data Summary

Figure 9 presents the PM_{10} and $PM_{2.5}$ data collected at the East Plant site for 2016 (year to date [YTD]), and compares the data to the PM_{10} and $PM_{2.5}$ National Ambient Air Quality Standards (NAAQS[2]). The second-high 24-hour average for PM_{10} (80.1 µg/m³) and the 98th percentile for $PM_{2.5}$ (10.2 µg/m³) are labeled. The daily mean value for PM_{10} Standard Temperature Pressure (STP) was 15.3 µg/m³, and $PM_{2.5}$ Actual was 4.0 µg/m³.

Figure 9. East Plant Particulate Data, 2016 YTD

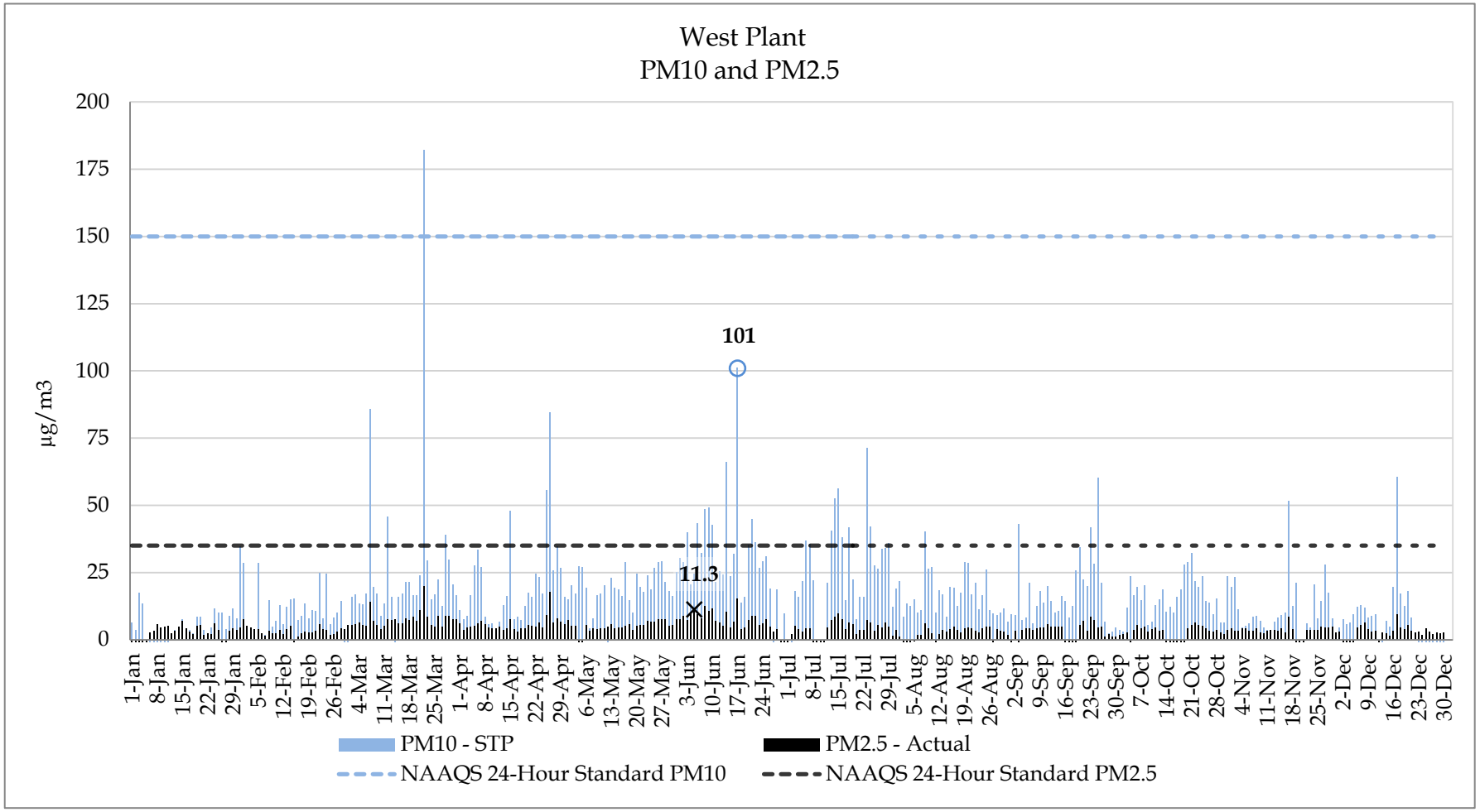


[2] See Section 4.4 for specific details about PM_{10} and $PM_{2.5}$ NAAQS.

4.2 West Plant PM Data Summary

Figure 10 presents the PM_{10} and $PM_{2.5}$ data collected at the West Plant site for 2016 (YTD), and compares the data to the PM_{10} and $PM_{2.5}$ NAAQS. The second-high 24-hour average for PM_{10} (101 µg/m³) and the 98th percentile for $PM_{2.5}$ (11.3 µg/m³) are labeled. The daily mean value for PM_{10} STP was 18.7 µg/m³, and $PM_{2.5}$ Actual was 4.7 µg/m³.

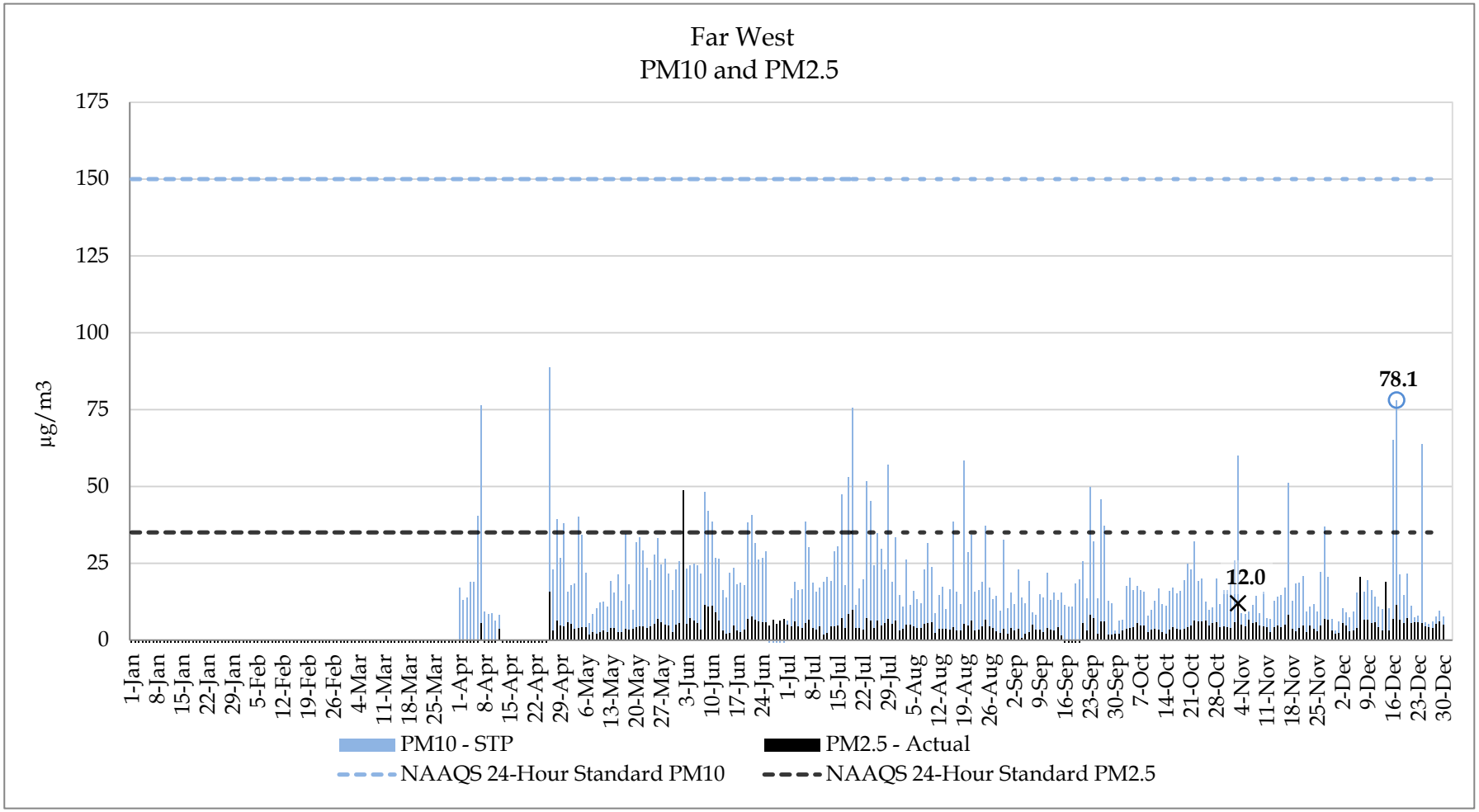
Figure 10. West Plant Particulate Data, 2016 YTD



4.3 Far West PM Data Summary

Figure 11 presents the PM_{10} and $PM_{2.5}$ data collected at the Far West site for 2016 (YTD), and compares the data to the PM_{10} and $PM_{2.5}$ NAAQS. The second-high 24-hour average for PM_{10} (78.1 µg/m³) and the 98th percentile for $PM_{2.5}$ (12.0 µg/m³) are labeled. The daily mean value for PM_{10} STP was 21.0 µg/m³, and $PM_{2.5}$ Actual was 5.0 µg/m³.

Figure 11. Far West Particulate Data, 2016 YTD



4.4 PM Data Discussion

4.4.1 PM_{10}

The NAAQS for PM_{10} is 150 $\mu g/m^3$ for a 24-hour average concentration. The standard is met when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than one (second-high value).

As shown in Figure 9, Figure 10, and Figure 11, the second-high PM_{10} concentrations recorded at the East Plant, West Plant, and Far West sites are 80.1 $\mu g/m^3$, 101.0 $\mu g/m^3$, and 78.1 $\mu g/m^3$, respectively. The second-high PM_{10} values at the East Plant, West Plant, and Far West sites are all below the NAAQS of 150 $\mu g/m^3$.

4.4.2 $PM_{2.5}$

The annual primary and secondary $PM_{2.5}$ standards are met when the annual arithmetic mean concentration is less than or equal to 12.0 $\mu g/m^3$. The 24-hour primary and secondary $PM_{2.5}$ standards are met when the 98th percentile 24-hour concentration is less than or equal to 35 $\mu g/m^3$.

The $PM_{2.5}$ arithmetic mean concentrations for the East Plant, West Plant, and Far West sites are 4.0 $\mu g/m^3$, 4.7 $\mu g/m^3$, and 5.0 $\mu g/m^3$, respectively. The $PM_{2.5}$ arithmetic mean values at the East Plant, West Plant, and Far West sites are below the NAAQS of 12 $\mu g/m^3$.

Figure 9, Figure 10, and Figure 11 also show the 98^{th} percentile $PM_{2.5}$ concentrations at the East Plant, West Plant, and Far West sites, which were 10.2 $\mu g/m^3$, $\mu g/m^3$, and 12.0 $\mu g/m^3$, respectively. The 98^{th} percentiles of the East Plant, West Plant, and Far West sites' 24-hour $PM_{2.5}$ concentrations are also below the NAAQS of 35 $\mu g/m^3$.

5.0 NO_2 DATA SUMMARY AND DISCUSSION

5.1 NO_2 Data Summary

Figure 12 and Figure 13 present the NO_2 maximum hourly concentrations for each calendar day, and hourly data collected at the East Plant site for 2016 (YTD). Figure 12 shows the 98th percentile (8.4 parts per billion [ppb]) compared to the one-hour NO_2 NAAQS (100 ppb). Figure 13 shows the mean hourly NO_2 concentrations compared with the annual NO_2 NAAQS (53 ppb).

Figure 12. NO_2 Maximum Hourly Concentration for Each Calendar Day, 2016 YTD

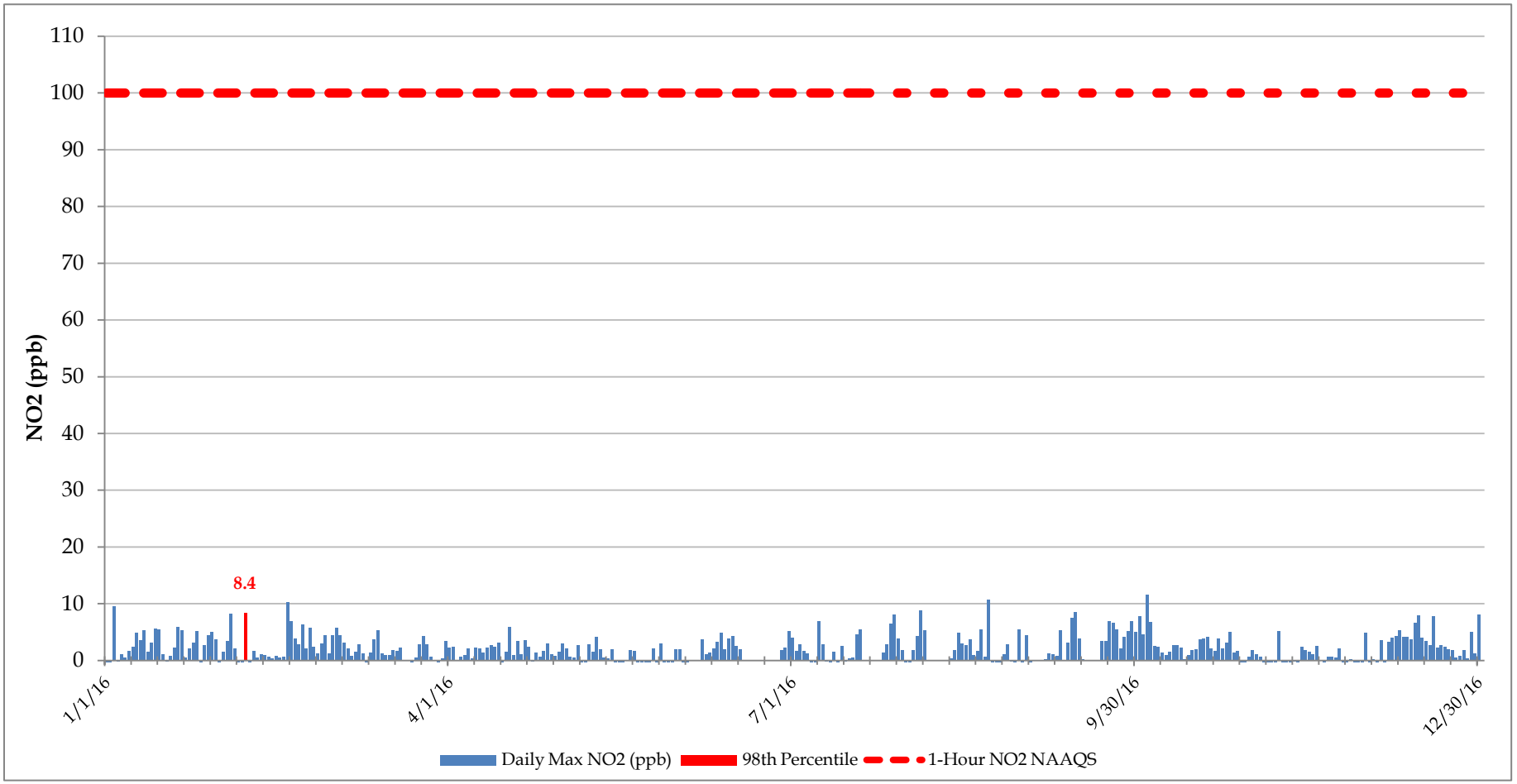
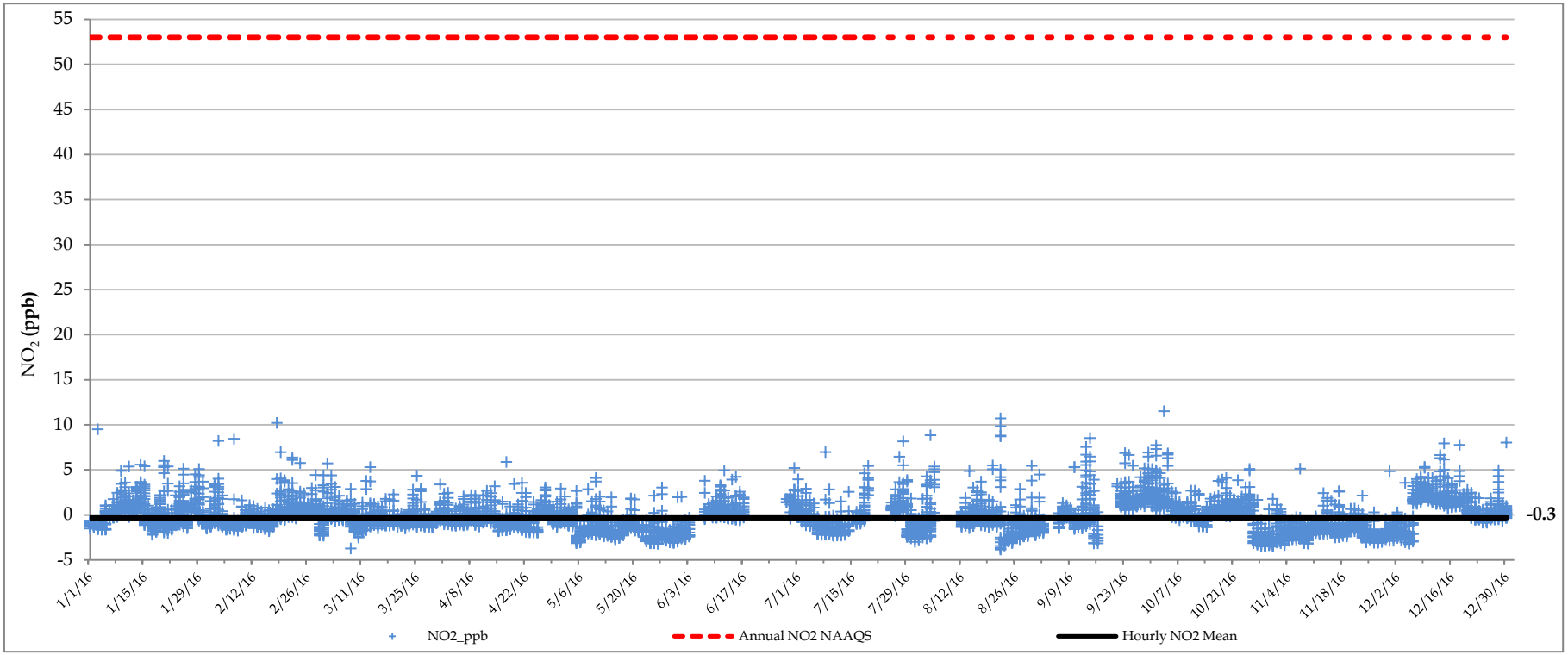


Figure 13. NO_2 Mean Hourly Concentrations, 2016 YTD



5.2 NO_2 Data Discussion

The level of the 1-hour NAAQS for oxides of nitrogen is 100 ppb, measured in the ambient air as NO_2. The 1-hour NAAQS is met when the three-year average of the annual 98th percentile of the daily maximum 1-hour average concentration is less than or equal to 100 ppb.

The level of the annual NAAQS for oxides of nitrogen is 53 ppb, measured in the ambient air as NO_2. The annual NAAQS is met when the annual average concentration in a calendar year is less than or equal to 53 ppb.

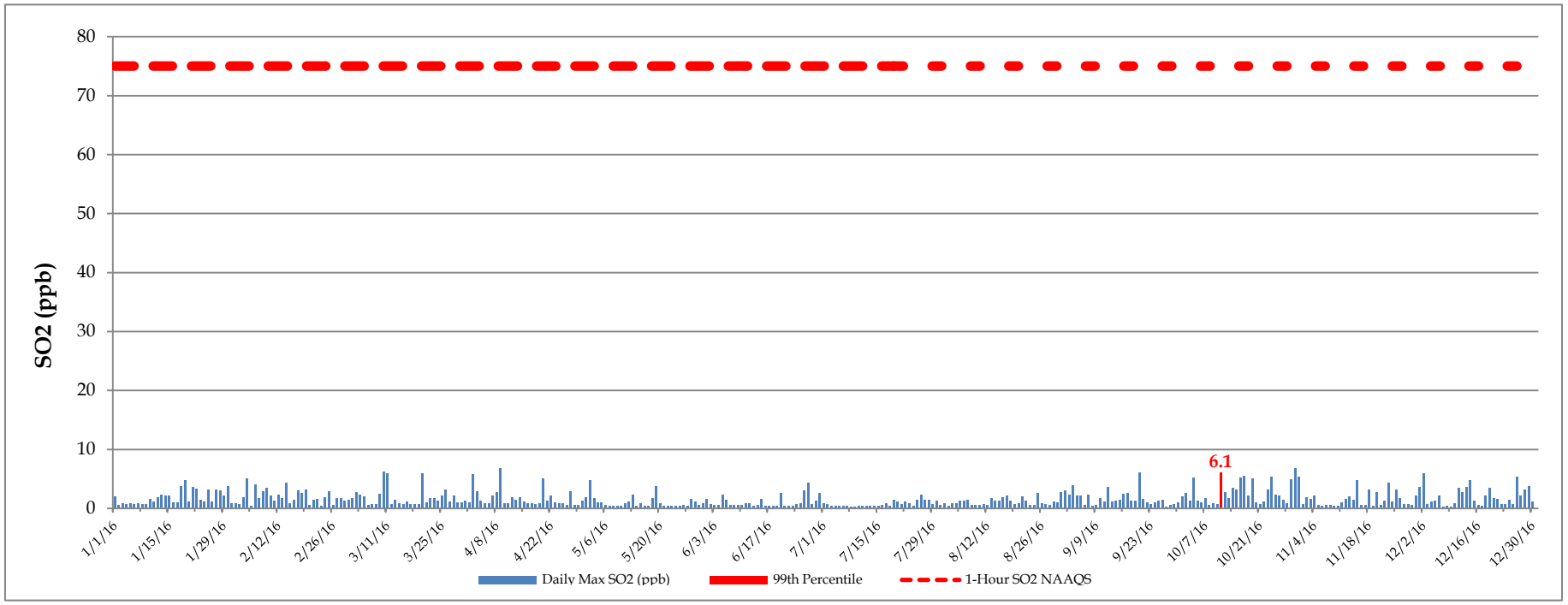
As shown in Figure 12, the 98th percentile of the daily maximum 1-hour average NO_2 concentration for 2016 (YTD) is 8.4 ppb, which is less than the NAAQS 1-hour primary standard of 100. As shown in Figure 13, the 2016 (YTD) hourly NO_2 average is -0.3 ppb, which is below the annual NO_2 NAAQS of 53 ppb. Slightly negative concentrations are typical when the analyzer is operating near the zero-calibration set-point.

6.0 SO_2 DATA SUMMARY AND DISCUSSION

6.1 SO_2 Data Summary

Figure 14 presents the maximum hourly SO_2 concentrations for each calendar day collected at the East Plant site for 2016 (YTD), and it shows the 99th percentile (6.1 ppb) compared to the one-hour SO_2 NAAQS (75 ppb).

Figure 14. SO_2 Maximum Hourly Concentration for Each Calendar Day, 2016 YTD



6.2 SO_2 Data Discussion

The level of the primary 1-hour NAAQS for oxides of sulfur is 75 ppb measured in the ambient air as sulfur dioxide (SO_2). The 1-hour primary standard is met at an ambient air quality monitoring site when the three-year average of the annual (99th percentile) daily maximum 1-hour average concentrations is less than or equal to 75 ppb.

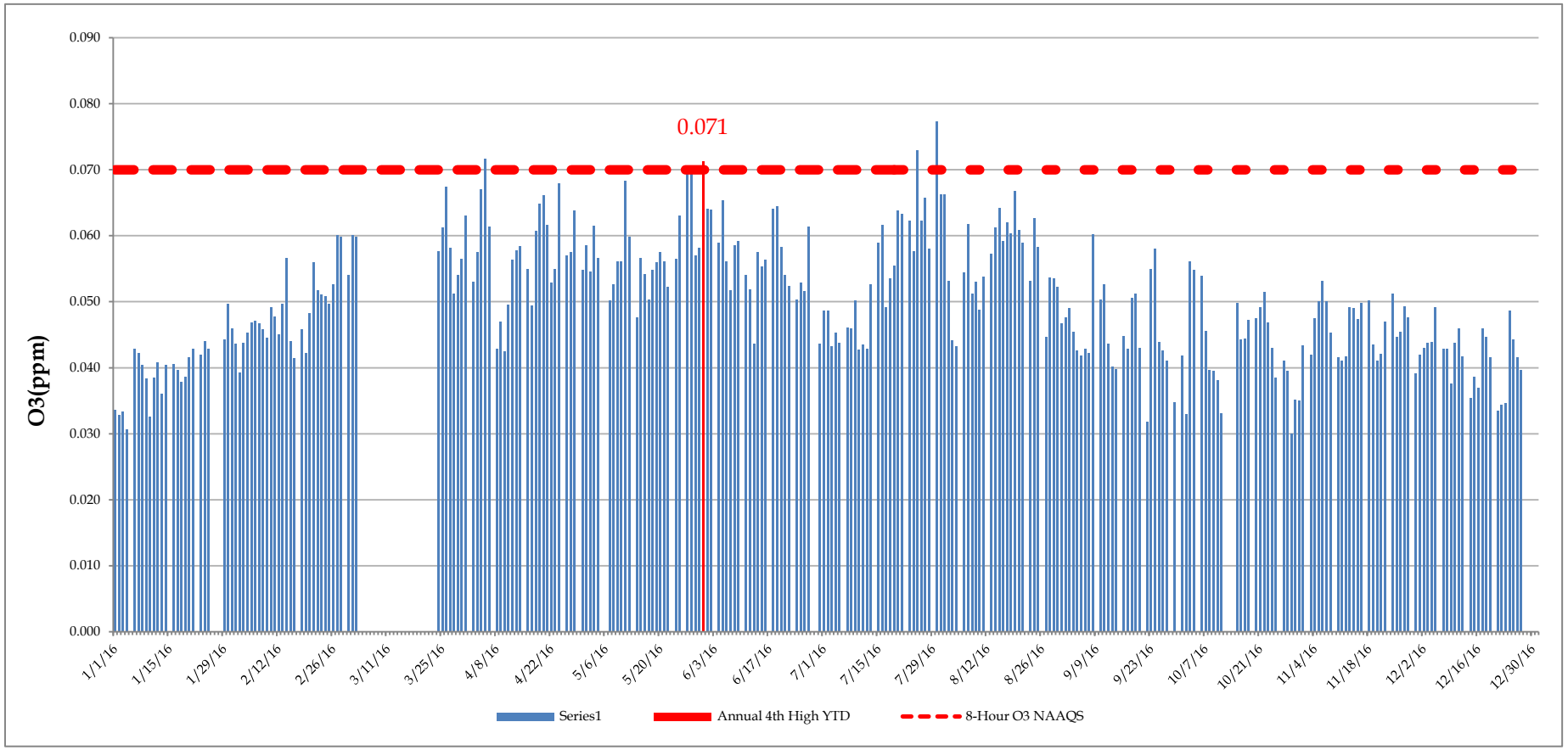
As shown in Figure 14, the 99th percentile 1-hour maximum concentration for 2016 (YTD) is 6.1 ppb, which is below the annual SO_2 NAAQS of 75 ppb.

7.0 O_3 DATA SUMMARY AND DISCUSSION

7.1 O_3 Data Summary

Figure 15 presents the daily rolling 8-hour maximum O_3 data collected at the East Plant site for 2016 (YTD), and it shows the fourth-highest rolling 8-hour average (0.071 parts per million [ppm]) compared to the eight-hour O_3 NAAQS (0.07 ppm).

Figure 15. O_3 Daily Rolling 8-Hour Maximum, 2016 YTD



7.2 O_3 Data Discussion

The level of the primary and secondary 8-hour NAAQS for O_3 was changed from 0.075 ppm to 0.07 ppm in the EPA's final ruling signed on October 1, 2015. The new NAAQS of 0.07 ppm was effective December 28, 2015.

The 8-hour primary and secondary standard is met at an ambient air quality monitoring site when the three-year average of the annual fourth-highest daily maximum 8-hour average O_3 concentration is less than or equal to 0.07 ppm.

Figure 15 shows that the averaged fourth-high maximum recorded at the East Plant is 0.071 ppm. This concentration is above the NAAQS 8-hour O_3 standard of 0.07 ppm. Parts of Pinal County and adjacent Maricopa County have been designated as non-attainment areas for 8-hour O_3 by the Arizona Department of Environmental Quality (ADEQ).

Appendix A – Meteorological Data: Hourly

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, BP_mmHg"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	655	655	655	655	655	655	655	656	656	656	656	656	655	655	654	654	654	654	654	654	654	654	654	654	655	656	654
2	654	654	654	654	654	654	654	654	655	655	655	654	654	653	653	653	652	652	652	652	652	652	652	652	653	655	652
3	652	651	651	651	651	651	651	651	652	652	652	652	651	651	651	650	650	650	650	650	650	650	650	650	651	652	650
4	650	650	650	650	650	650	650	651	651	651	651	651	651	651	650	650	650	650	650	650	651	651	651	651	650	651	650
5	651	651	651	651	651	651	651	652	652	652	652	652	652	651	651	651	651	650	650	650	651	651	651	651	651	652	650
6	651	651	651	651	651	651	652	652	653	653	653	653	653	652	652	652	652	652	652	653	653	653	653	653	652	653	651
7	653	653	653	653	653	653	653	654	654	654	654	654	654	653	653	653	652	652	652	652	653	653	653	653	653	654	652
8	653	653	653	653	654	654	654	654	655	655	655	654	654	653	653	653	653	653	653	654	654	654	654	654	654	655	653
9	654	655	655	655	655	655	655	656	656	656	656	656	656	655	655	655	655	655	655	655	655	655	655	655	655	656	654
10	655	655	655	655	655	655	655	656	656	656	656	656	656	655	655	655	655	655	655	655	655	655	655	655	655	656	655
11	655	655	655	655	655	655	655	655	656	656	656	656	655	655	654	654	654	654	654	654	654	654	654	654	655	656	654
12	654	654	654	654	654	654	655	655	655	656	655	655	655	654	654	654	653	653	653	653	654	654	654	654	654	656	653
13	654	654	654	654	654	654	654	655	655	656	655	655	655	654	654	654	654	654	654	654	654	655	655	654	654	656	654
14	654	654	654	654	654	654	655	655	655	655	655	655	655	654	654	653	653	653	653	653	653	653	653	653	654	655	653
15	653	654	653	653	653	653	654	654	654	655	655	655	654	653	653	653	653	653	653	653	653	653	654	654	654	655	653
16	654	654	654	653	653	654	654	654	654	655	655	654	654	653	653	652	652	652	652	653	652	653	653	653	653	655	652
17	653	652	652	652	652	652	652	652	652	653	653	653	652	652	651	651	651	651	651	651	651	651	652	652	652	653	651
18	652	652	652	651	652	652	652	653	653	653	653	653	653	652	652	652	652	652	652	652	652	652	652	653	652	653	651
19	653	653	653	653	653	653	654	654	655	655	655	655	654	654	654	654	654	654	654	654	654	654	654	654	654	655	653
20	654	654	654	654	655	655	655	656	656	656	656	656	656	655	655	655	655	655	655	655	655	655	655	655	655	656	654
21	655	656	655	655	655	655	655	656	656	656	656	655	655	654	654	654	654	653	653	654	654	654	654	654	655	656	653
22	654	654	654	654	654	654	654	654	655	655	655	654	654	653	653	653	653	653	653	653	654	654	654	654	654	655	653
23	654	655	655	655	655	655	655	656	656	657	657	657	656	656	656	656	655	655	656	656	656	656	656	656	656	657	654
24	656	656	656	656	656	656	657	657	657	658	657	657	657	656	656	656	656	655	655	656	656	656	656	656	656	658	655
25	656	655	656	655	655	656	656	656	656	657	657	656	656	655	655	655	655	655	655	655	655	656	656	656	656	657	655
26	656	656	656	656	656	656	656	656	657	657	657	657	656	655	655	655	655	655	655	655	655	655	656	656	656	657	655
27	655	655	655	655	655	656	656	656	657	657	657	656	655	655	655	654	654	654	654	654	654	654	654	654	655	657	654
28	654	654	654	654	654	654	654	654	655	655	655	655	654	654	654	654	654	654	654	654	654	654	655	655	654	655	654
29	655	655	655	655	655	655	655	656	656	656	656	656	656	655	655	655	655	655	655	655	656	656	656	656	655	656	655
30	656	655	655	655	655	655	655	656	656	656	656	656	655	655	655	655	654	654	654	654	654	654	654	654	655	656	654
31	654	654	654	653	653	653	653	654	654	654	654	654	653	652	652	652	652	651	652	652	652	652	652	652	653	654	651
Avg	654	654	654	654	654	654	654	654	655	655	655	655	654	654	654	653	653	653	653	653	654	654	654	654	654	--	--
Max	656	656	656	656	656	656	657	657	657	658	657	657	657	656	656	656	656	655	656	656	656	656	656	656	--	658	--
Min	650	650	650	650	650	650	650	651	651	651	651	651	651	651	650	650	650	650	650	650	650	650	650	650	--	--	650

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, BP_mmHg"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	652	652	652	652	651	652	652	652	652	653	652	652	652	651	651	651	651	651	651	652	652	652	652	652	652	653	651
2	652	652	652	652	652	652	652	653	653	653	653	653	653	652	652	652	652	653	653	653	654	654	654	655	653	655	652
3	655	655	655	655	655	655	655	655	655	656	656	655	655	654	654	653	654	654	654	655	655	655	654	654	655	656	653
4	655	655	655	655	655	655	655	656	656	657	656	655	655	655	655	655	655	655	655	655	655	655	655	655	655	657	655
5	655	655	655	654	654	654	655	655	655	655	655	655	654	654	653	653	653	654	654	654	654	654	654	654	654	655	653
6	654	654	654	654	654	654	655	655	655	655	655	655	655	655	655	655	655	655	655	655	655	655	655	655	655	655	654
7	655	655	655	655	655	656	656	656	657	657	657	657	656	656	656	656	656	656	656	656	656	656	657	657	656	657	655
8	657	657	657	657	657	657	657	658	658	658	658	658	658	657	657	657	657	657	657	658	658	658	658	658	657	658	657
9	658	658	657	657	657	657	657	658	658	658	658	657	657	656	656	656	656	656	656	656	657	657	657	657	657	658	656
10	657	657	657	657	656	656	656	657	657	657	657	656	656	655	655	655	656	656	656	656	656	657	657	657	656	657	655
11	657	657	657	657	657	657	657	657	657	658	658	658	657	657	656	657	657	656	657	657	657	657	657	657	657	658	656
12	657	657	657	657	657	657	658	658	658	658	658	658	657	656	656	656	656	656	656	656	656	656	656	657	657	658	656
13	656	656	656	656	656	656	657	657	657	657	657	657	656	656	656	656	656	656	656	656	656	656	657	657	656	657	656
14	656	656	656	656	657	657	657	657	658	658	658	658	657	657	656	656	656	656	657	657	657	657	657	657	657	658	656
15	657	657	657	657	656	656	656	656	657	657	657	656	655	655	655	654	654	654	654	654	654	654	654	654	655	657	654
16	653	653	653	652	652	652	652	652	652	652	652	652	651	650	650	650	649	649	649	649	649	649	648	648	651	653	648
17	648	648	648	648	648	648	649	649	650	651	651	651	651	651	651	651	651	651	652	652	652	653	653	653	650	653	648
18	653	654	654	654	654	654	655	655	656	656	657	657	656	656	656	656	656	656	656	656	657	657	657	657	656	657	653
19	657	657	657	657	657	657	657	658	658	658	658	658	657	656	656	656	656	656	656	656	656	656	656	656	657	658	656
20	656	656	656	655	655	655	655	656	656	656	656	655	655	654	654	654	653	654	654	653	653	653	653	653	655	656	653
21	653	652	652	652	651	651	651	651	651	651	650	650	650	649	650	650	650	651	651	652	652	652	652	652	651	653	649
22	652	652	653	653	653	653	653	654	654	654	655	654	654	654	654	654	654	655	655	655	655	655	655	655	654	655	652
23	655	654	655	655	654	655	655	655	655	656	656	655	655	654	654	654	654	654	654	654	655	655	655	655	655	656	654
24	655	655	655	655	655	655	655	656	656	656	656	656	656	655	655	655	655	655	655	655	655	655	656	656	655	656	655
25	656	656	656	656	656	656	657	657	657	657	657	657	657	656	656	656	656	656	656	656	656	657	656	656	656	657	656
26	656	656	656	655	655	655	655	655	655	655	654	654	653	652	652	652	651	651	651	651	651	651	651	651	653	656	651
27	650	650	651	651	651	651	651	651	651	651	651	651	650	650	649	649	648	648	648	648	648	649	649	649	650	651	648
28	649	649	649	648	649	649	649	649	650	650	650	649	649	648	647	647	647	647	647	647	647	647	647	647	648	650	647
29	647	647	647	647	647	647	648	648	649	650	650	650	650	650	650	650	651	651	651	652	652	653	653	653	650	653	647
30	653	653	653	653	653	652	653	653	653	653	653	653	652	652	652	652	652	651	651	651	651	651	651	651	652	653	651
Avg	654	654	654	654	654	654	654	655	655	655	655	655	654	654	654	654	654	654	654	654	654	654	654	654	654	--	--
Max	658	658	657	657	657	657	658	658	658	658	658	658	658	657	657	657	657	657	657	658	658	658	658	658	--	658	--
Min	647	647	647	647	647	647	648	648	649	650	650	649	649	648	647	647	647	647	647	647	647	647	647	647	--	--	647

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, BP_mmHg"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	651	651	651	651	650	650	651	651	651	651	651	651	650	650	650	650	649	649	649	649	650	650	649	649	650	651	649
2	649	649	649	648	648	648	649	649	649	650	650	650	649	649	649	649	649	649	650	650	649	649	649	649	649	650	648
3	649	649	649	649	649	649	649	650	650	651	651	651	651	650	650	650	650	651	651	652	652	652	652	652	650	652	649
4	652	652	652	652	652	652	652	653	653	653	654	653	653	653	652	652	652	652	652	652	652	652	652	652	652	654	652
5	652	651	651	651	650	650	650	651	651	651	652	651	651	650	650	650	650	650	650	650	651	650	651	651	651	652	650
6	651	651	651	650	650	650	650	650	651	651	651	651	650	650	650	650	650	650	650	650	650	650	651	651	650	651	650
7	650	650	651	651	651	651	651	652	652	653	653	653	652	652	652	653	653	653	653	654	654	654	654	654	652	654	650
8	654	654	655	655	655	655	655	656	656	657	657	657	657	656	656	656	656	656	657	657	657	657	658	658	656	658	654
9	657	657	657	657	657	657	657	658	658	658	658	658	657	657	656	656	656	656	656	656	656	656	656	656	657	658	656
10	656	656	656	656	655	655	655	656	656	656	656	656	655	654	654	654	654	654	654	654	654	654	654	654	655	656	654
11	654	654	654	654	653	653	653	654	654	655	655	655	654	654	653	653	653	653	654	654	654	654	654	654	654	655	653
12	654	653	653	653	653	653	653	653	654	654	655	654	654	653	653	653	653	653	653	654	654	654	654	654	654	655	653
13	654	654	654	654	654	654	654	654	655	656	656	656	655	655	654	654	654	654	654	655	655	655	655	655	655	656	654
14	655	655	655	655	655	655	655	656	656	656	657	656	656	655	655	655	655	655	655	655	655	656	656	656	655	657	655
15	655	655	655	655	655	655	655	655	655	655	655	655	654	654	653	653	653	653	653	653	653	653	653	653	654	655	653
16	652	652	652	651	651	651	651	651	651	651	651	651	650	649	649	648	648	648	647	647	647	646	646	646	649	652	646
17	645	644	643	644	645	646	648	648	650	651	651	652	652	651	652	652	653	653	653	654	654	654	654	654	650	654	643
18	654	654	654	654	654	654	654	654	655	655	655	655	654	654	654	654	654	654	655	655	656	656	656	656	655	656	654
19	657	657	657	656	656	656	657	657	658	658	659	659	658	658	658	658	658	658	658	658	659	659	659	659	658	659	656
20	659	659	659	659	659	659	659	659	660	660	660	659	658	658	657	657	657	657	657	657	657	657	657	657	658	660	657
21	657	657	657	657	657	657	657	657	657	657	657	657	656	656	655	655	655	655	655	655	655	655	655	655	656	657	655
22	654	653	653	653	653	652	652	653	652	652	652	651	651	651	651	652	652	652	652	653	653	653	654	654	652	654	651
23	654	654	654	653	653	653	654	654	654	654	654	654	654	653	653	653	653	653	653	652	652	652	652	651	653	654	651
24	651	650	650	650	649	648	648	648	648	648	648	647	646	644	644	644	645	646	646	647	647	647	647	647	647	651	644
25	647	648	648	648	649	649	650	650	651	652	653	653	652	652	652	652	653	653	653	653	654	654	654	655	652	655	647
26	655	655	655	655	655	655	655	656	656	657	657	657	656	656	656	656	656	656	656	657	657	657	657	657	656	657	655
27	657	657	657	657	657	657	657	657	658	658	658	658	657	657	657	656	656	656	656	656	657	657	657	657	657	658	656
28	657	657	657	657	657	657	657	657	657	658	658	658	657	657	657	657	657	657	657	657	657	658	658	658	657	658	657
29	658	657	657	657	657	657	657	657	658	658	658	658	658	658	657	657	657	657	657	658	658	658	658	658	658	658	657
30	657	657	657	656	656	655	656	655	655	655	655	654	653	653	652	652	651	651	651	651	651	650	650	650	654	657	650
31	650	650	650	650	650	649	650	650	650	650	651	651	650	650	650	650	650	650	650	650	650	650	650	649	650	651	649
Avg	653	653	653	653	653	653	653	654	654	654	654	654	654	653	653	653	653	653	653	653	653	654	654	654	653	--	--
Max	659	659	659	659	659	659	659	659	660	660	660	659	658	658	658	658	658	658	658	658	659	659	659	659	--	660	--
Min	645	644	643	644	645	646	648	648	648	648	648	647	646	644	644	644	645	646	646	647	647	646	646	646	--	--	643

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, DeltaTemp_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.53	0.63	0.70	0.76	1.03	0.57	0.78	-0.34	-0.68	-1.00	-0.82	-1.00	-0.58	-1.06	-1.05	-0.78	-0.56	-0.08	0.47	0.64	0.91	0.94	1.11	0.82	0.08	1.11	-1.06
2	0.88	0.67	0.82	0.89	0.71	1.09	0.62	0.12	-0.50	-0.63	-0.66	-1.17	-0.64	-0.11	-0.25	-0.27	-0.04	-0.02	0.01	0.00	-0.01	0.14	0.21	0.28	0.09	1.09	-1.17
3	0.21	0.32	0.39	0.27	0.28	0.53	0.41	-0.21	-0.41	-0.56	-0.79	-0.96	-0.80	-0.93	-0.89	-0.65	-0.46	-0.08	0.15	0.14	0.15	0.64	0.69	1.05	-0.06	1.05	-0.96
4	0.84	0.91	0.77	0.77	0.66	0.72	0.66	-0.24	-0.51	-0.65	-0.80	-0.90	-1.14	-1.06	-0.96	-0.86	-0.64	-0.11	0.25	0.58	0.70	0.92	0.80	0.82	0.06	0.92	-1.14
5	0.91	0.95	0.76	0.83	0.85	1.02	0.99	-0.17	-0.79	-1.01	-1.25	-1.20	-1.01	-1.12	-1.06	-0.73	-0.48	-0.03	0.38	0.40	0.58	0.88	0.97	1.47	0.09	1.47	-1.25
6	0.43	1.10	0.50	0.53	0.89	0.61	0.48	-0.05	-0.78	-0.58	-0.89	-1.13	-1.39	-1.17	-0.94	-0.80	-0.49	-0.12	0.10	0.12	0.54	0.74	0.82	0.65	-0.03	1.10	-1.39
7	0.90	0.65	0.79	0.52	0.54	0.48	0.47	-0.15	-0.57	-1.03	-1.32	-1.44	-1.44	-1.26	-1.18	-0.86	-0.37	0.07	0.27	0.35	0.37	0.27	0.25	0.20	-0.15	0.90	-1.44
8	0.18	0.19	0.18	0.14	0.11	0.09	0.08	-0.17	-0.66	-0.86	-1.09	-1.39	-1.45	-1.50	-1.39	-1.07	-0.96	-0.15	-0.01	0.77	0.46	0.43	0.40	0.26	-0.31	0.77	-1.50
9	0.25	0.20	0.25	0.26	0.23	0.22	0.22	-0.16	-0.55	-0.90	-1.15	-1.41	-1.34	-1.25	-1.14	-1.15	-0.57	0.19	0.38	0.91	1.03	0.80	0.37	0.44	-0.16	1.03	-1.41
10	0.32	0.44	0.58	0.47	0.67	0.60	0.44	-0.20	-0.64	-0.99	-1.17	-1.11	-1.39	-1.11	-0.98	-0.80	-0.41	0.05	0.57	0.72	0.87	0.66	0.74	0.76	-0.04	0.87	-1.39
11	0.40	0.53	0.90	0.77	1.11	0.75	1.15	0.10	-0.59	-0.95	-0.97	-1.08	-0.97	-1.03	-0.95	-0.81	-0.45	0.02	0.30	0.78	0.87	1.07	1.09	0.72	0.12	1.15	-1.08
12	0.89	0.54	0.75	1.09	1.31	0.90	1.12	0.19	-0.48	-1.00	-1.15	-1.39	-1.32	-1.20	-0.64	-0.34	-0.47	0.02	0.53	0.94	1.09	1.56	1.05	1.03	0.21	1.56	-1.39
13	0.75	1.18	0.88	0.71	0.67	0.89	0.90	0.83	-0.24	-0.64	-0.54	-0.74	-0.98	-1.12	-1.11	-0.91	-0.48	0.02	0.15	0.37	0.63	0.73	0.91	1.04	0.16	1.18	-1.12
14	0.70	0.78	1.05	1.09	0.82	0.65	0.60	-0.05	-0.58	-1.02	-1.18	-1.14	-0.93	-0.93	-1.16	-0.80	-0.52	0.08	0.73	1.02	0.78	0.79	0.76	0.86	0.10	1.09	-1.18
15	1.31	1.06	0.61	0.88	1.23	0.62	0.96	-0.01	-0.58	-1.06	-1.24	-1.12	-1.00	-0.95	-1.12	-0.72	-0.42	0.04	0.33	0.82	0.87	1.00	0.48	0.75	0.11	1.31	-1.24
16	0.69	0.40	0.91	1.11	0.87	0.76	0.91	0.12	-0.67	-1.01	-0.79	-1.13	-1.21	-1.00	-0.76	-0.74	-0.50	0.08	0.36	0.78	1.06	0.64	0.85	1.26	0.13	1.26	-1.21
17	1.47	0.31	0.32	0.75	0.79	0.79	0.50	0.29	-0.62	-0.98	-1.09	-0.91	-1.16	-1.06	-0.94	-0.78	-0.44	0.04	0.22	0.56	0.74	0.76	1.03	1.37	0.08	1.47	-1.16
18	0.99	0.83	0.57	0.64	0.52	0.81	0.58	-0.06	-0.69	-0.97	-0.93	-0.98	-1.10	-1.00	-1.03	-0.71	-0.44	0.03	0.19	0.44	0.79	0.84	1.37	0.77	0.06	1.37	-1.10
19	0.95	0.30	0.61	0.95	1.00	1.04	0.90	-0.19	-0.61	-0.96	-1.36	-1.67	-1.57	-1.47	-1.32	-1.13	-0.66	0.03	0.22	0.53	0.50	0.45	0.29	0.26	-0.12	1.04	-1.67
20	0.29	0.34	0.33	0.29	0.29	0.25	0.19	-0.13	-0.49	-0.77	-1.02	-1.12	-1.09	-1.11	-0.95	-0.64	-0.26	0.15	0.22	0.27	0.33	0.32	0.26	0.25	-0.16	0.34	-1.12
21	0.20	0.21	0.25	0.29	0.21	0.23	0.24	-0.15	-0.56	-0.90	-1.09	-1.25	-1.32	-1.25	-1.24	-1.31	-0.69	0.31	0.49	0.46	0.98	0.57	0.40	0.62	-0.18	0.98	-1.32
22	0.54	0.59	0.39	0.35	0.35	0.36	0.29	-0.12	-0.62	-1.05	-1.25	-1.38	-1.35	-1.26	-1.22	-0.74	-0.43	0.04	0.67	0.92	0.57	0.63	1.31	0.58	-0.08	1.31	-1.38
23	0.96	1.20	1.21	0.67	0.80	0.80	0.84	0.55	-0.60	-0.87	-0.69	-0.96	-0.98	-0.88	-0.93	-0.78	-0.40	0.13	0.42	0.34	0.82	0.75	0.80	0.66	0.16	1.21	-0.98
24	0.68	0.83	0.69	0.95	0.46	0.69	0.72	0.09	-0.55	-0.94	-0.93	-0.72	-1.00	-0.76	-0.59	-0.35	-0.11	0.03	0.39	0.43	0.50	0.48	0.95	0.98	0.12	0.98	-1.00
25	0.87	0.76	0.68	0.67	0.67	0.80	0.46	-0.28	-0.71	-1.02	-1.10	-1.31	-1.12	-1.13	-1.14	-0.87	-0.43	0.03	0.21	0.54	0.71	0.90	0.78	0.91	-0.01	0.91	-1.31
26	0.73	0.76	0.92	0.67	0.62	0.49	0.38	-0.19	-0.58	-0.96	-1.42	-1.44	-1.45	-1.47	-1.13	-0.97	-0.40	0.55	0.58	0.82	0.59	0.79	0.79	0.73	-0.03	0.92	-1.47
27	0.92	0.71	0.77	0.63	0.45	0.42	0.43	-0.07	-0.53	-0.75	-0.95	-1.00	-0.99	-0.96	-0.96	-0.70	-0.18	0.30	0.38	0.62	0.77	0.63	0.56	0.29	0.03	0.92	-1.00
28	0.24	0.25	0.23	0.33	0.66	0.80	0.63	0.53	-0.34	-0.73	-1.01	-1.21	-1.06	-0.80	-0.46	-0.35	-0.23	0.10	0.18	0.56	0.78	0.72	1.07	0.94	0.08	1.07	-1.21
29	0.87	0.90	0.92	0.63	0.86	1.10	0.92	0.30	-0.61	-0.94	-1.19	-1.39	-1.17	-1.22	-0.93	-0.91	-0.34	0.13	0.34	0.54	0.65	0.77	1.19	0.79	0.09	1.19	-1.39
30	0.95	0.77	0.54	0.80	0.76	1.00	0.59	0.23	-0.60	-0.73	-0.87	-1.34	-1.22	-0.81	-0.81	-0.66	-0.21	0.10	0.41	0.60	0.69	1.19	0.98	0.52	0.12	1.19	-1.34
31	0.51	0.31	0.53	0.44	0.77	0.87	0.94	0.72	-0.26	-0.77	-0.74	-1.05	-0.93	-0.90	-0.85	-0.48	-0.15	-0.01	0.05	0.42	0.40	0.15	0.09	0.08	0.01	0.94	-1.05
Avg	0.69	0.63	0.64	0.65	0.68	0.68	0.62	0.04	-0.57	-0.88	-1.01	-1.16	-1.13	-1.06	-0.97	-0.76	-0.43	0.06	0.32	0.56	0.67	0.71	0.75	0.71	0.02	--	--
Max	1.47	1.20	1.21	1.11	1.31	1.10	1.15	0.83	-0.24	-0.56	-0.54	-0.72	-0.58	-0.11	-0.25	-0.27	-0.04	0.55	0.73	1.02	1.09	1.56	1.37	1.47	--	1.56	--
Min	0.18	0.19	0.18	0.14	0.11	0.09	0.08	-0.34	-0.79	-1.06	-1.42	-1.67	-1.57	-1.50	-1.39	-1.31	-0.96	-0.15	-0.01	0.00	-0.01	0.14	0.09	0.08	--	--	-1.67

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, DeltaTemp_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.06	0.02	0.05	0.46	0.33	0.54	0.45	0.04	-0.39	-0.71	-1.18	-1.30	-1.21	-1.09	-0.89	-0.83	-0.37	0.08	0.16	0.23	0.66	0.40	0.76	0.57	-0.13	0.76	-1.30
2	0.68	0.55	0.62	0.98	0.68	0.76	0.66	0.43	-0.70	-1.09	-1.37	-1.34	-1.50	-1.39	-1.33	-0.99	-0.53	-0.03	0.06	0.30	0.25	0.44	0.23	0.13	-0.15	0.98	-1.50
3	0.06	0.08	0.13	0.05	0.53	0.56	0.42	0.21	-0.27	-0.13	-0.18	-0.13	-0.66	-0.74	-0.71	-0.27	-0.05	-0.05	0.12	0.35	0.41	0.27	0.29	0.19	0.02	0.56	-0.74
4	0.11	0.18	0.09	0.11	0.13	0.12	0.09	0.09	0.10	0.20	0.00	-0.68	-0.94	-1.06	-1.08	-0.86	-0.28	0.12	0.21	0.65	0.70	0.68	0.62	0.50	-0.01	0.70	-1.08
5	0.40	0.42	0.45	0.41	0.39	0.44	0.30	-0.07	-0.44	-0.79	-1.07	-1.36	-1.09	-0.81	-0.72	-0.54	-0.21	0.03	0.06	0.19	0.51	0.66	1.03	0.93	-0.04	1.03	-1.36
6	1.16	1.18	0.69	0.71	0.80	0.73	0.87	0.02	-0.49	-0.86	-0.84	-0.57	-0.74	-0.91	-0.70	-0.48	-0.18	0.04	0.12	0.51	0.67	0.82	0.98	0.99	0.19	1.18	-0.91
7	0.74	0.94	0.95	0.82	0.68	0.43	0.40	0.02	-0.46	-0.67	-0.96	-1.22	-1.24	-0.83	-0.67	-0.43	-0.15	0.10	0.56	0.73	0.43	0.37	0.39	0.34	0.05	0.95	-1.24
8	0.27	0.33	0.29	0.23	0.23	0.23	0.27	0.04	-0.31	-0.45	-0.66	-0.80	-0.81	-0.79	-0.60	-0.34	-0.05	0.14	0.32	0.32	0.26	0.23	0.22	0.21	-0.05	0.33	-0.81
9	0.30	0.19	0.20	0.20	0.18	0.19	0.31	-0.03	-0.35	-0.54	-0.75	-0.78	-0.73	-0.66	-0.57	-0.37	-0.06	0.15	0.36	0.59	0.67	0.76	0.70	0.78	0.03	0.78	-0.78
10	0.46	0.32	0.32	0.32	0.18	0.15	0.16	-0.09	-0.40	-0.66	-0.80	-0.84	-0.87	-0.86	-0.68	-0.46	-0.12	0.07	0.12	0.19	0.47	0.39	0.21	0.39	-0.08	0.47	-0.87
11	0.21	0.13	0.28	0.23	0.30	0.26	0.23	0.00	-0.37	-0.66	-0.77	-1.00	-1.05	-0.99	-0.92	-0.63	-0.13	0.33	0.44	0.56	0.51	0.62	0.46	0.43	-0.06	0.62	-1.05
12	0.34	0.27	0.42	0.37	0.34	0.29	0.29	0.03	-0.46	-0.79	-0.86	-1.04	-1.08	-1.14	-0.99	-0.60	-0.09	0.31	0.49	0.60	0.44	0.35	0.40	0.50	-0.07	0.60	-1.14
13	0.54	0.43	0.48	0.40	0.35	0.33	0.37	0.06	-0.37	-0.76	-0.85	-1.23	-1.27	-1.38	-1.07	-0.71	-0.18	0.15	0.12	0.35	0.97	1.02	1.03	1.11	0.00	1.11	-1.38
14	0.99	1.22	0.59	0.62	0.64	0.39	0.25	0.03	-0.29	-0.51	-0.95	-1.16	-1.31	-1.38	-1.18	-0.90	-0.11	0.14	0.27	1.09	1.10	1.01	1.13	0.78	0.10	1.22	-1.38
15	0.91	0.97	0.63	0.48	0.37	0.44	0.45	0.10	-0.39	-0.77	-1.08	-1.28	-1.33	-1.29	-1.01	-0.70	0.01	0.14	0.73	0.91	1.01	1.09	1.02	0.79	0.09	1.09	-1.33
16	1.03	0.85	0.70	1.14	1.31	1.05	0.84	0.86	-0.09	-0.66	-0.97	-1.02	-0.68	-0.39	-0.45	-0.22	0.00	0.18	0.49	0.51	0.45	0.57	0.37	0.43	0.26	1.31	-1.02
17	0.38	0.37	0.32	0.29	0.16	0.11	0.17	-0.04	-0.25	-0.52	-0.88	-0.83	-0.97	-1.02	-0.80	-0.54	-0.21	0.07	0.17	0.59	1.04	1.11	1.10	0.44	0.01	1.11	-1.02
18	0.42	0.39	0.35	0.36	0.32	0.32	0.30	0.02	-0.43	-0.77	-0.99	-1.10	-1.02	-0.99	-0.83	-0.44	0.02	0.32	0.31	0.35	0.40	0.42	0.39	0.33	-0.07	0.42	-1.10
19	0.31	0.29	0.27	0.27	0.27	0.24	0.21	-0.02	-0.37	-0.66	-0.85	-0.93	-1.01	-0.93	-0.73	-0.34	0.09	0.30	0.22	0.17	0.29	0.21	0.18	0.18	-0.10	0.31	-1.01
20	0.20	0.22	0.21	0.28	0.18	0.20	0.22	0.09	-0.08	-0.42	-0.39	-0.52	-0.53	-0.38	-0.39	-0.22	0.00	0.25	0.24	0.30	0.26	0.17	0.22	0.13	0.01	0.30	-0.53
21	0.20	0.14	0.16	0.39	0.31	0.43	0.34	0.20	0.40	0.08	-0.04	-0.07	-0.09	-0.05	-0.08	-0.10	-0.01	0.02	0.01	0.04	0.09	0.14	0.14	0.37	0.13	0.43	-0.10
22	0.58	0.99	0.64	0.78	0.72	0.72	0.87	0.99	0.10	-0.63	-0.49	-0.59	-0.73	-0.72	-0.64	-0.65	-0.15	0.09	0.08	0.37	0.82	0.69	0.46	0.48	0.20	0.99	-0.73
23	0.50	0.38	0.46	0.47	0.57	0.55	0.48	0.11	-0.41	-0.75	-0.90	-1.09	-1.00	-1.08	-0.71	-0.58	-0.18	0.61	0.74	0.68	0.76	0.91	1.00	1.05	0.11	1.05	-1.09
24	1.07	0.49	0.28	0.35	0.48	0.40	0.33	0.23	0.00	-0.28	-0.42	-0.65	-0.74	-0.67	-0.52	-0.26	0.15	0.37	0.32	0.32	0.31	0.33	0.32	0.27	0.10	1.07	-0.74
25	0.27	0.28	0.27	0.32	0.27	0.25	0.29	0.23	-0.08	-0.51	-0.72	-0.89	-0.89	-0.87	-0.72	-0.44	0.06	0.37	0.41	0.33	0.35	0.35	0.34	0.32	-0.02	0.41	-0.89
26	0.33	0.32	0.30	0.24	0.21	0.22	0.19	0.15	0.01	-0.14	-0.42	-0.55	-0.51	-0.28	-0.16	-0.05	0.22	0.29	0.25	0.10	0.15	0.09	0.05	0.03	0.04	0.33	-0.55
27	0.00	-0.02	-0.09	-0.09	0.02	0.05	0.07	0.05	-0.38	-0.52	-0.59	-0.79	-0.59	-0.47	-0.36	-0.24	-0.14	-0.08	-0.05	0.07	0.11	-0.01	0.21	0.08	-0.16	0.21	-0.79
28	-0.02	-0.07	-0.07	-0.09	-0.07	-0.08	-0.08	-0.09	-0.23	-0.28	-0.09	-0.59	-0.65	-0.63	-0.33	-0.21	-0.05	0.01	0.03	0.02	-0.02	0.00	-0.01	-0.01	-0.15	0.03	-0.65
29	-0.02	0.04	0.08	0.03	0.00	0.18	0.14	0.07	-0.21	-0.28	-0.50	-1.20	-1.29	-0.69	-0.93	-0.69	-0.19	0.04	0.20	0.52	0.82	0.71	0.80	0.59	-0.07	0.82	-1.29
30	0.50	0.26	0.27	0.34	0.39	0.43	0.32	0.13	-0.36	-0.73	-0.98	-1.12	-1.32	-1.23	-0.96	-0.37	-0.08	0.31	0.36	0.47	0.58	0.44	0.79	0.78	-0.03	0.79	-1.32
Avg	0.43	0.40	0.35	0.38	0.38	0.36	0.34	0.13	-0.27	-0.54	-0.72	-0.89	-0.93	-0.86	-0.72	-0.48	-0.10	0.16	0.27	0.41	0.52	0.51	0.53	0.47	0.01	--	--
Max	1.16	1.22	0.95	1.14	1.31	1.05	0.87	0.99	0.40	0.20	0.00	-0.07	-0.09	-0.05	-0.08	-0.05	0.22	0.61	0.74	1.09	1.10	1.11	1.13	1.11	--	1.31	--
Min	-0.02	-0.07	-0.09	-0.09	-0.07	-0.08	-0.08	-0.09	-0.70	-1.09	-1.37	-1.36	-1.50	-1.39	-1.33	-0.99	-0.53	-0.08	-0.05	0.02	-0.02	-0.01	-0.01	-0.01	--	--	-1.50

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, DeltaTemp_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.96	1.09	0.54	0.59	0.52	0.53	0.59	0.33	-0.23	-0.61	-0.81	-1.00	-1.05	-0.70	-0.67	-0.45	-0.11	0.30	0.52	0.71	0.61	0.68	0.91	0.89	0.17	1.09	-1.05
2	0.92	0.59	0.54	0.63	0.88	0.91	0.58	0.94	0.01	-0.43	-0.86	-1.00	-1.02	-0.56	-0.27	-0.13	-0.06	0.08	0.36	0.66	0.44	0.32	0.24	0.22	0.17	0.94	-1.02
3	0.23	0.21	0.23	0.20	0.17	0.15	0.13	0.07	-0.25	-0.52	-0.70	-0.88	-0.87	-0.86	-0.72	-0.52	0.04	0.44	0.42	0.26	0.27	0.18	0.23	0.23	-0.08	0.44	-0.88
4	0.26	0.34	0.33	0.28	0.23	0.17	0.18	0.09	-0.23	-0.46	-0.83	-1.07	-1.17	-1.23	-0.82	-0.64	0.13	0.31	0.39	0.96	1.20	1.18	0.94	0.78	0.05	1.20	-1.23
5	1.14	1.25	1.01	0.94	1.09	0.77	1.49	1.00	-0.10	-0.59	-0.79	-0.83	-0.89	-0.83	-0.68	-0.37	-0.04	0.17	0.24	0.38	0.29	0.47	0.35	0.53	0.25	1.49	-0.89
6	0.66	0.74	0.66	0.42	0.56	0.59	0.45	0.61	0.37	-0.18	-0.63	-0.78	-0.83	-0.84	-0.63	-0.47	-0.16	0.19	0.45	0.73	0.72	0.42	0.27	0.25	0.15	0.74	-0.84
7	0.29	0.21	0.25	0.24	0.40	0.47	0.56	0.41	-0.11	-0.65	-0.76	-0.67	-0.98	-0.68	-0.42	-0.38	-0.24	0.02	0.07	0.54	0.61	0.61	0.75	0.95	0.06	0.95	-0.98
8	0.86	0.98	0.63	0.40	0.53	0.39	0.41	0.49	-0.30	-0.86	-1.11	-1.19	-1.31	-1.15	-0.93	-0.56	-0.10	0.08	0.20	0.57	0.56	0.60	0.38	0.33	-0.01	0.98	-1.31
9	0.24	0.21	0.19	0.18	0.22	0.20	0.17	0.08	-0.25	-0.66	-0.89	-1.08	-1.25	-1.24	-1.01	-0.58	-0.02	0.19	0.19	0.39	0.22	0.28	0.32	0.30	-0.15	0.39	-1.25
10	0.33	0.29	0.36	0.29	0.26	0.24	0.26	0.12	-0.31	-0.65	-1.00	-1.24	-1.13	-1.03	-0.67	-0.42	-0.01	0.40	0.43	0.87	1.08	0.86	0.41	0.34	0.00	1.08	-1.24
11	0.72	1.21	0.78	1.16	0.76	0.79	0.64	0.78	-0.13	-0.53	-0.80	-0.64	-0.83	-0.78	-0.94	-0.59	-0.23	0.16	0.57	0.75	0.70	0.76	0.76	0.98	0.25	1.21	-0.94
12	0.76	0.67	0.81	0.56	0.62	0.60	0.74	0.74	-0.06	-0.55	-0.84	-0.73	-0.88	-0.78	-0.73	-0.58	-0.17	0.10	0.52	0.53	0.39	0.55	0.63	0.75	0.15	0.81	-0.88
13	0.66	0.54	0.46	0.58	0.73	0.77	0.77	0.87	0.53	-0.62	-0.84	-0.78	-0.82	-0.75	-0.72	-0.48	-0.11	0.21	0.42	0.64	0.74	0.76	0.65	0.70	0.20	0.87	-0.84
14	0.75	0.97	0.96	0.75	0.88	0.75	0.92	0.45	0.05	-0.33	-0.81	-1.09	-0.99	-0.92	-0.72	-0.58	-0.05	0.65	0.57	0.99	1.20	1.52	1.44	1.52	0.37	1.52	-1.09
15	0.85	1.19	0.99	0.75	0.90	0.99	0.80	0.39	-0.16	-0.62	-0.85	-1.06	-1.01	-0.52	-0.64	-0.43	0.05	0.77	1.12	0.76	0.46	0.26	0.14	0.14	0.22	1.19	-1.06
16	0.39	0.22	0.27	0.44	0.18	0.20	0.13	0.14	0.34	0.48	0.38	0.38	-0.13	0.04	-0.16	-0.18	0.09	0.39	0.46	0.25	0.13	0.12	0.07	0.03	0.19	0.48	-0.18
17	0.09	0.07	-0.05	-0.04	0.08	0.03	0.03	0.03	-0.11	-0.30	-0.42	-0.68	-0.76	-0.83	-0.74	-0.59	-0.23	0.07	0.22	0.60	0.78	0.65	0.50	0.57	-0.04	0.78	-0.83
18	0.55	0.34	0.38	0.43	0.43	0.33	0.30	0.30	-0.17	-0.49	-0.65	-0.74	-0.68	-0.61	-0.45	-0.24	0.20	0.39	0.38	0.35	0.29	0.25	0.26	0.25	0.06	0.55	-0.74
19	0.24	0.25	0.24	0.23	0.21	0.22	0.20	0.16	0.10	-0.33	-0.54	-0.61	-0.64	-0.65	-0.47	-0.22	0.08	0.32	0.38	0.39	0.39	0.36	0.30	0.26	0.04	0.39	-0.65
20	0.23	0.21	0.19	0.19	0.18	0.18	0.18	0.15	0.03	-0.37	-0.66	-0.71	-0.77	-0.55	-0.50	-0.24	0.02	0.13	0.26	0.29	0.27	0.19	0.19	0.21	-0.03	0.29	-0.77
21	0.26	0.37	0.27	0.56	0.41	0.47	0.64	0.27	0.19	0.12	-0.08	-0.31	-0.17	-0.26	-0.14	-0.04	-0.01	0.03	0.08	0.07	0.06	0.22	0.15	0.05	0.13	0.64	-0.31
22	0.02	0.01	0.00	-0.01	0.10	0.11	0.08	0.08	0.10	0.03	-0.10	-0.02	-0.03	-0.04	-0.06	-0.07	-0.06	-0.05	-0.05	-0.06	-0.08	-0.07	-0.07	-0.07	-0.01	0.11	-0.10
23	-0.08	-0.27	-0.30	-0.27	-0.31	-0.04	-0.08	-0.02	-0.07	-0.14	-0.23	-0.25	-0.59	-0.35	-0.22	-0.28	-0.18	0.11	0.20	0.32	0.63	0.63	0.73	0.72	-0.01	0.73	-0.59
24	0.76	0.59	0.70	0.92	0.77	0.70	0.82	0.66	-0.25	-0.44	-0.67	-0.70	-0.49	-0.60	-0.26	-0.10	-0.01	-0.03	0.11	0.19	0.12	0.17	0.16	0.03	0.13	0.92	-0.70
25	-0.03	0.04	-0.04	-0.03	-0.05	-0.03	-0.04	-0.04	-0.10	-0.08	-0.18	-0.63	-0.49	-0.31	-0.32	-0.26	-0.03	0.24	0.35	0.49	0.54	0.56	0.54	0.53	0.03	0.56	-0.63
26	0.45	0.56	0.56	0.39	0.37	0.41	0.46	0.22	-0.10	-0.40	-0.51	-0.59	-0.56	-0.51	-0.43	-0.26	0.07	0.32	0.43	0.34	0.34	0.36	0.45	0.43	0.12	0.56	-0.59
27	0.44	0.41	0.38	0.35	0.37	0.36	0.35	0.30	0.00	-0.38	-0.61	-0.79	-0.79	-0.79	-0.59	-0.39	0.02	0.41	0.56	0.43	0.39	0.76	0.53	0.76	0.10	0.76	-0.79
28	0.70	0.54	0.35	0.37	0.39	0.50	0.55	0.40	0.27	0.12	-0.10	-0.38	-0.48	-0.32	-0.11	0.03	0.29	0.50	0.65	0.97	0.53	0.33	0.37	0.41	0.29	0.97	-0.48
29	0.46	0.54	0.43	0.48	0.38	0.34	0.34	0.29	0.24	0.07	-0.05	-0.55	-0.67	-0.71	-0.60	-0.31	0.07	0.32	0.36	0.29	0.27	0.22	0.18	0.20	0.11	0.54	-0.71
30	0.20	0.19	0.19	0.17	0.17	0.17	0.17	0.16	-0.09	-0.38	-0.71	-0.84	-1.10	-0.99	-0.86	-0.54	-0.17	0.03	0.18	0.10	0.16	0.38	0.22	0.14	-0.13	0.38	-1.10
31	0.01	-0.02	0.08	0.01	-0.03	-0.03	-0.05	-0.03	-0.02	-0.08	-0.10	-0.11	-0.11	-0.25	-0.38	-0.33	-0.04	0.00	0.16	0.08	0.07	0.02	0.01	0.13	-0.04	0.16	-0.38
Avg	0.46	0.47	0.40	0.39	0.40	0.39	0.41	0.34	-0.03	-0.35	-0.57	-0.70	-0.76	-0.66	-0.54	-0.36	-0.03	0.23	0.36	0.48	0.46	0.47	0.42	0.44	0.09	--	--
Max	1.14	1.25	1.01	1.16	1.09	0.99	1.49	1.00	0.53	0.48	0.38	0.38	-0.03	0.04	-0.06	0.03	0.29	0.77	1.12	0.99	1.20	1.52	1.44	1.52	--	1.52	--
Min	-0.08	-0.27	-0.30	-0.27	-0.31	-0.04	-0.08	-0.04	-0.31	-0.86	-1.11	-1.24	-1.31	-1.24	-1.01	-0.64	-0.24	-0.05	-0.05	-0.06	-0.08	-0.07	-0.07	-0.07	--	--	-1.31

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, Precip_Inches"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Max	Min
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.004	0	0.032	0.083	0	0	0	0	0	0	0.123	0.083	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.174	0.004	0	0	0	0.178	0.174	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0	0	0	0.02	0.02	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.004	0	0.032	0.083	0	0.174	0.024	0	0	0	0.321	--	--
Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.004	0	0.032	0.083	0	0.174	0.02	0	0	0	--	0.174	--
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, Precip_Inches"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Max	Min
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.012	0	0	0	0.012	0.012	0
3	0	0	0	0	0.024	0.122	0.004	0	0	0	0	0	0	0	0	0	0	0.067	0.016	0.043	0	0	0.004	0	0.28	0.122	0
4	0	0	0	0.008	0	0	0	0	0.099	0.252	0.059	0	0	0	0	0	0	0	0	0	0	0	0	0	0.418	0.252	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0.032	0.048	0.016	0.028	0.012	0.004	0.004	0.127	0.008	0	0.068	0	0	0	0	0	0	0	0	0	0	0.347	0.127	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.106	0.095	0.06	0.028	0.293	0.106	0
28	0.008	0.008	0.02	0.004	0.008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048	0.02	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.008	0.008	0.02	0.044	0.08	0.138	0.032	0.012	0.103	0.256	0.186	0.008	0	0.068	0	0	0	0.067	0.016	0.047	0.118	0.095	0.064	0.028	1.4	--	--
Max	0.008	0.008	0.02	0.032	0.048	0.122	0.028	0.012	0.099	0.252	0.127	0.008	0	0.068	0	0	0	0.067	0.016	0.043	0.106	0.095	0.06	0.028	--	0.252	--
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, Precip_Inches"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Max	Min
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0.016	0.064	0.08	0.012	0.008	0.012	0	0	0.004	0.083	0.02	0	0	0	0	0	0	0.028	0	0	0	0	0.004	0	0.331	0.083	0
17	0.028	0.115	0.398	0.111	0.004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.656	0.398	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0.032	0.012	0	0	0.004	0.004	0	0	0.008	0.004	0	0	0	0	0.004	0.004	0.084	0.156	0.084	0
22	0.08	0.056	0.106	0.083	0.126	0.059	0.079	0.051	0.055	0.032	0	0.303	0.568	0.131	0.039	0.012	0	0	0	0	0	0	0	0	1.78	0.568	0
23	0	0	0	0	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.004	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.162	0.079	0.084	0.056	0.1	0.06	0.032	0.024	0.032	0.629	0.162	0
25	0.012	0.056	0.08	0.08	0.076	0.04	0.044	0.024	0.012	0.012	0.004	0	0	0	0	0	0	0	0	0	0	0	0	0	0.44	0.08	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.012	0	0.051	0.284	0.347	0.284	0
31	0.276	0.016	0	0	0.004	0	0	0.012	0.063	0.024	0.067	0	0	0	0	0.004	0	0	0	0	0.004	0.02	0	0	0.49	0.276	0
Total	0.412	0.307	0.664	0.286	0.218	0.111	0.123	0.119	0.146	0.151	0.091	0.311	0.572	0.131	0.039	0.186	0.083	0.112	0.056	0.1	0.076	0.056	0.083	0.4	4.83	--	--
Max	0.276	0.115	0.398	0.111	0.126	0.059	0.079	0.051	0.063	0.083	0.067	0.303	0.568	0.131	0.039	0.162	0.079	0.084	0.056	0.1	0.06	0.032	0.051	0.284	--	0.568	--
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, RH_Percent"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	60	60	62	62	64	64	61	52	45	40	36	36	36	29	25	25	22	24	24	28	31	33	36	35	41	64	22
2	35	37	37	40	40	45	52	55	46	38	40	34	35	51	60	61	75	90	91	90	90	87	86	74	58	91	34
3	68	66	60	56	54	54	58	56	52	53	49	46	29	16	13	18	19	14	14	16	16	15	13	20	36	68	13
4	19	23	19	22	24	23	25	24	18	15	14	13	13	12	12	14	15	17	18	21	24	29	26	27	19	29	12
5	27	28	29	30	29	29	29	28	26	23	22	20	18	18	17	18	18	20	22	23	26	31	32	34	25	34	17
6	31	38	43	47	49	53	58	55	45	37	36	33	30	26	24	22	23	26	28	28	30	36	37	39	36	58	22
7	40	41	40	38	34	32	31	28	26	25	23	20	18	19	19	19	19	20	22	22	23	24	25	27	26	41	18
8	29	33	39	44	47	51	53	53	47	41	36	33	32	30	30	27	28	32	34	60	71	66	59	62	43	71	27
9	66	65	62	61	63	63	67	63	57	53	49	44	39	36	34	26	19	21	28	35	45	46	49	51	48	67	19
10	52	56	55	56	60	61	58	53	47	39	33	25	21	20	17	16	15	18	20	24	25	26	27	27	35	61	15
11	27	28	30	31	33	33	34	31	29	24	23	21	15	15	17	17	16	15	15	19	22	23	25	25	24	34	15
12	26	26	27	28	26	24	25	26	22	16	13	12	11	9	9	10	11	12	13	16	18	17	19	18	18	28	9
13	15	16	16	16	17	18	20	21	18	14	14	14	12	11	11	10	11	13	14	15	18	19	19	19	15	21	10
14	19	19	19	21	22	23	25	23	20	15	12	11	10	10	10	9	9	10	11	11	14	14	14	14	15	25	9
15	15	16	17	18	19	21	21	19	18	16	13	12	11	11	11	12	12	14	15	17	18	17	16	16	16	21	11
16	17	17	21	22	24	24	26	23	21	19	16	17	18	18	17	17	17	20	21	23	27	28	29	28	21	29	16
17	27	25	26	31	33	34	34	32	27	21	16	17	17	16	16	17	18	20	22	23	26	28	30	30	24	34	16
18	31	33	34	35	35	36	37	35	28	24	21	19	18	17	16	18	19	22	25	28	30	32	33	31	27	37	16
19	32	31	32	37	36	37	44	35	25	23	21	17	13	13	10	9	11	17	19	17	16	13	12	11	22	44	9
20	9	8	8	9	9	10	10	10	10	11	11	10	10	10	12	13	15	20	24	26	27	29	29	30	15	30	8
21	31	32	33	33	34	35	35	33	30	28	26	24	23	22	20	18	18	21	23	25	26	28	29	30	27	35	18
22	32	32	32	33	33	35	35	33	30	26	22	18	16	15	15	16	16	19	20	23	22	24	25	24	25	35	15
23	24	24	26	28	28	30	30	29	24	19	19	17	16	16	16	15	16	18	20	21	24	26	26	27	22	30	15
24	30	32	33	36	35	37	41	38	30	26	25	25	25	26	26	27	29	32	34	35	58	62	56	54	35	62	25
25	56	52	60	59	65	65	69	60	50	42	38	35	31	31	29	27	28	31	34	38	40	43	42	41	44	69	27
26	42	44	46	49	51	51	50	43	36	34	30	25	20	18	19	18	18	20	24	27	27	30	30	31	33	51	18
27	31	27	29	32	31	30	30	29	26	25	22	19	18	17	17	17	18	21	23	24	24	25	25	22	24	32	17
28	21	22	22	24	25	26	29	27	24	20	19	18	18	18	20	21	22	23	23	26	27	29	31	31	24	31	18
29	32	33	34	34	34	36	38	33	28	24	22	20	18	17	17	17	18	21	23	26	27	27	28	28	26	38	17
30	29	29	29	32	34	35	36	33	27	23	21	19	18	20	21	23	24	26	28	31	32	33	33	32	28	36	18
31	31	29	31	34	36	39	37	37	33	29	28	28	29	29	32	34	37	43	45	47	49	50	52	57	37	57	28
Avg	32	33	34	35	36	37	39	36	31	27	25	23	21	20	20	20	21	23	25	28	31	32	32	32	29	--	--
Max	68	66	62	62	65	65	69	63	57	53	49	46	39	51	60	61	75	90	91	90	90	87	86	74	--	91	--
Min	9	8	8	9	9	10	10	10	10	11	11	10	10	9	9	9	9	10	11	11	14	13	12	11	--	--	8

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, RH_Percent"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	62	59	58	59	63	64	62	54	51	43	43	40	36	34	32	30	34	37	39	39	43	42	46	50	47	64	30
2	51	53	49	50	50	50	48	45	39	37	35	31	26	24	21	20	23	32	35	36	43	52	48	47	39	53	20
3	50	52	51	54	62	69	74	64	62	56	54	55	53	49	48	47	54	81	91	79	79	84	68	67	62	91	47
4	74	70	73	81	80	76	75	70	76	78	80	69	61	56	48	46	45	64	68	72	74	74	70	68	69	81	45
5	73	72	76	74	77	77	78	71	57	53	49	44	34	42	44	43	46	50	52	56	62	66	59	61	59	78	34
6	62	65	62	66	65	63	66	62	52	43	38	40	43	43	43	41	43	45	48	53	58	58	55	47	53	66	38
7	47	49	56	59	57	58	63	59	50	43	38	32	30	33	34	32	36	41	45	45	37	35	34	35	44	63	30
8	39	38	37	37	37	38	41	39	34	27	25	24	23	22	20	18	21	25	25	26	28	32	29	30	30	41	18
9	32	31	28	27	28	31	36	36	32	29	26	23	20	18	17	14	15	17	22	26	29	30	29	29	26	36	14
10	32	32	30	31	36	38	40	40	39	37	36	34	32	29	29	30	30	34	37	39	42	44	45	48	36	48	29
11	49	54	55	55	54	53	54	53	48	43	38	36	33	30	28	28	28	35	38	38	40	40	41	42	42	55	28
12	43	43	44	47	47	46	47	42	41	40	36	31	30	28	27	27	25	29	32	34	35	35	38	40	37	47	25
13	43	45	43	42	43	44	48	42	38	36	34	29	22	16	15	20	23	27	29	33	36	34	32	34	34	48	15
14	36	35	32	28	31	33	32	29	25	23	20	18	17	13	10	10	17	20	23	27	24	17	16	18	23	36	10
15	22	22	22	23	23	21	21	20	17	17	17	17	16	14	12	12	13	15	17	19	20	20	22	23	19	23	12
16	21	22	22	25	27	27	28	27	24	19	15	13	13	14	13	13	14	15	16	15	15	16	16	17	19	28	13
17	18	20	22	23	27	34	39	37	33	32	27	16	14	16	17	13	13	14	15	17	19	20	22	21	22	39	13
18	20	16	12	11	11	11	13	13	10	10	10	9	9	7	7	7	7	10	13	16	16	15	16	16	12	20	7
19	18	18	18	18	18	20	22	24	23	22	20	19	17	17	16	17	19	21	22	22	22	22	23	23	20	24	16
20	24	25	25	25	27	27	27	27	27	25	25	24	23	24	24	25	26	27	28	29	30	32	35	34	27	35	23
21	48	60	63	76	84	84	84	87	75	76	91	96	84	89	85	71	64	69	70	73	75	76	77	82	77	96	48
22	82	83	83	80	80	79	77	75	66	55	51	52	49	47	47	48	51	55	54	58	69	66	66	62	64	83	47
23	57	56	52	50	55	57	60	59	51	45	40	35	29	25	23	22	23	33	38	45	44	39	40	48	43	60	22
24	51	54	50	42	18	17	18	21	20	17	13	13	13	12	11	12	13	15	15	19	20	21	21	21	22	54	11
25	21	20	22	22	22	23	23	21	19	18	18	18	18	19	19	19	21	23	24	26	27	28	29	30	22	30	18
26	31	33	34	35	37	39	41	42	42	42	40	37	35	36	37	38	41	42	39	37	28	28	29	30	36	42	28
27	36	51	67	67	67	67	68	70	65	63	60	55	53	54	54	53	53	55	56	68	79	90	93	89	64	93	36
28	91	94	96	97	97	98	98	97	95	89	85	75	68	59	56	53	48	49	50	54	60	65	65	67	75	98	48
29	69	72	73	74	75	78	80	75	60	40	46	35	27	31	34	36	40	40	40	46	51	48	52	54	53	80	27
30	54	49	45	43	42	42	47	45	37	34	34	31	27	24	22	24	27	31	32	32	29	33	31	30	35	54	22
Avg	45	46	47	47	48	49	50	48	44	40	38	35	32	31	30	29	30	35	37	39	41	42	42	42	40	--	--
Max	91	94	96	97	97	98	98	97	95	89	91	96	84	89	85	71	64	81	91	79	79	90	93	89	--	98	--
Min	18	16	12	11	11	11	13	13	10	10	10	9	9	7	7	7	7	10	13	15	15	15	16	16	--	--	7

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, RH_Percent"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	34	37	38	39	40	39	39	38	35	31	28	20	18	17	20	22	24	28	31	36	37	38	35	33	31	40	17
2	36	35	34	32	34	38	36	35	35	26	23	22	21	21	26	29	32	33	36	40	36	34	33	33	32	40	21
3	33	33	36	38	40	41	43	43	39	37	36	35	34	32	32	30	30	31	33	34	36	33	30	28	35	43	28
4	29	28	22	22	22	22	24	25	24	22	20	17	16	14	12	14	16	18	20	23	26	27	26	27	21	29	12
5	27	27	30	30	32	33	32	32	30	28	24	23	20	18	16	16	19	18	16	16	13	13	12	14	22	33	12
6	16	18	21	20	22	24	24	26	33	38	37	35	35	37	39	41	44	47	51	55	54	53	56	61	37	61	16
7	64	64	70	75	79	83	84	83	70	60	53	51	48	50	57	59	59	69	72	75	76	65	59	55	66	84	48
8	55	68	76	79	82	82	81	79	62	54	48	45	43	40	38	39	44	50	54	57	53	50	50	52	58	82	38
9	56	58	60	60	60	60	61	60	56	52	48	44	40	36	36	37	40	45	46	46	45	45	45	47	49	61	36
10	48	49	50	50	52	54	56	55	50	47	42	36	31	28	30	31	34	38	41	45	43	43	41	38	43	56	28
11	39	45	47	51	48	50	50	48	42	38	33	31	32	31	32	34	38	43	46	48	52	53	55	54	43	55	31
12	58	60	60	60	63	61	63	62	51	47	43	38	36	36	34	36	40	44	47	48	48	53	54	56	50	63	34
13	55	56	57	58	59	60	62	62	55	47	43	38	35	35	35	36	40	43	46	50	53	53	54	53	49	62	35
14	55	57	59	57	58	59	61	67	62	53	45	40	37	30	31	28	32	41	44	43	43	43	40	39	47	67	28
15	40	44	47	51	52	54	54	52	45	36	29	24	21	18	18	18	18	18	15	17	18	21	23	30	32	54	15
16	43	70	81	78	85	85	86	85	83	71	67	57	52	51	50	48	51	65	66	48	52	58	63	69	65	86	43
17	76	89	97	98	70	54	50	58	50	48	45	43	41	41	40	41	42	45	48	56	62	65	62	57	57	98	40
18	57	59	58	61	60	59	64	55	50	44	39	32	25	20	19	19	23	27	28	33	35	36	34	34	40	64	19
19	33	33	34	34	33	34	36	37	38	35	33	31	29	27	26	27	29	30	29	29	28	28	28	30	31	38	26
20	30	31	30	31	32	34	34	33	32	31	29	28	27	28	28	29	31	33	33	30	29	29	28	29	31	34	27
21	31	31	32	39	39	44	53	64	84	81	72	65	76	79	81	87	94	95	93	91	90	90	90	96	71	96	31
22	99	100	100	100	99	96	97	97	96	96	97	97	100	100	100	100	100	100	100	100	100	100	100	100	99	100	96
23	100	100	96	97	95	97	99	97	95	95	97	95	76	84	88	79	78	86	90	93	92	89	89	89	91	100	76
24	84	87	87	85	82	80	80	76	68	60	57	58	58	50	47	84	99	100	100	100	100	100	99	96	81	100	47
25	99	100	100	100	100	100	100	100	100	100	93	79	72	67	58	55	57	64	74	83	82	77	79	78	84	100	55
26	74	73	71	70	72	70	78	76	63	60	59	60	57	51	49	49	49	48	48	52	53	54	51	51	60	78	48
27	52	54	55	56	58	58	58	56	53	49	48	46	43	41	40	39	39	41	42	42	44	46	53	51	48	58	39
28	51	50	49	49	49	51	52	50	49	46	43	41	37	37	39	38	42	42	41	30	38	46	44	36	44	52	30
29	35	33	32	26	24	28	24	25	26	27	29	30	33	33	34	35	35	36	37	38	43	54	61	63	35	63	24
30	63	66	67	66	67	70	71	70	67	64	62	59	54	52	53	56	58	61	63	65	69	82	87	92	66	92	52
31	96	100	93	95	98	98	98	95	96	98	99	100	100	100	95	96	95	97	93	96	97	98	100	100	97	100	93
Avg	54	57	58	58	58	59	60	59	56	52	49	46	43	42	42	44	46	50	51	52	53	54	54	54	52	--	--
Max	100	100	100	100	100	100	100	100	100	100	99	100	100	100	100	100	100	100	100	100	100	100	100	100	--	100	--
Min	16	18	21	20	22	22	24	25	24	22	20	17	16	14	12	14	16	18	15	16	13	13	12	14	--	--	12

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, SR_Wm2_2m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	36.2	239	465	657	794	883	435	718	641	469	284	65.1	0.132	0	0	0	0	0	237	883	0
2	0	0	0	0	0	0	20.7	105	426	333	471	755	295	114	134	116	22.9	16.9	1.62	0.916	0.989	0.764	0.499	0.208	117	755	0
3	0	0	0	0	0	0	33.1	243	472	665	807	867	881	826	693	504	280	60.2	0.02	0	0	0	0	0	264	881	0
4	0	0	0	0	0	0	32.4	242	470	670	810	883	884	819	681	496	273	54.9	0.011	0	0	0	0	0	263	884	0
5	0	0	0	0	0	0	30.6	238	465	661	797	868	869	803	672	448	267	52.8	0	0	0	0	0	0	257	869	0
6	0	0	0	0	0	0	29.5	213	462	649	796	882	847	801	623	450	243	57.6	0.0153	0	0	0	0	0	252	882	0
7	0	0	0	0	0	0	29.3	239	466	658	796	862	856	783	631	476	239	48.9	0	0	0	0	0	0	253	862	0
8	0	0	0	0	0	0	8.25	179	455	624	765	833	832	767	649	483	296	42.3	0.283	0.507	0.695	0	0	0	247	833	0
9	0	0	0	0	0	0	8.61	193	441	629	764	827	825	667	506	472	245	35.7	0	0	0	0	0	0	234	827	0
10	0	0	0	0	0	0	24.5	219	440	630	765	827	828	773	617	434	222	41.5	0	0	0	0	0	0	242	828	0
11	0	0	0	0	0	0	24.4	221	442	635	770	842	840	773	631	448	231	34.8	0	0	0	0	0	0	246	842	0
12	0	0	0	0	0	0	23.8	223	450	642	783	868	722	679	360	288	247	31	0	0	0	0	0	0	222	868	0
13	0	0	0	0	0	0	22.3	215	439	634	775	846	841	771	636	450	231	29.2	0	0	0	0	0	0	245	846	0
14	0	0	0	0	0	0	21.3	214	438	628	764	826	828	758	621	441	225	26.5	0	0	0	0	0	0	241	828	0
15	0	0	0	0	0	0	19.7	209	434	627	764	832	828	760	623	438	222	25.1	0	0	0	0	0	0	241	832	0
16	0	0	0	0	0	0	19.6	208	429	620	752	818	819	632	506	443	199	12.7	0	0	0	0	0	0	227	819	0
17	0	0	0	0	0	0	8.39	193	427	616	755	817	813	744	609	424	209	22.1	0	0	0	0	0	0	235	817	0
18	0	0	0	0	0	0	17.1	198	418	609	741	810	807	738	603	419	206	19.6	0	0	0	0	0	0	233	810	0
19	0	0	0	0	0	0	16.4	198	421	611	747	813	806	732	603	416	197	17.9	0	0	0	0	0	0	232	813	0
20	0	0	0	0	0	0	15	197	420	611	745	811	807	734	594	409	196	18.1	0	0	0	0	0	0	232	811	0
21	0	0	0	0	0	0	13	189	411	598	729	796	790	719	581	395	183	14.8	0	0	0	0	0	0	226	796	0
22	0	0	0	0	0	0	10.4	172	389	574	707	774	768	699	579	386	175	14.1	0	0	0	0	0	0	219	774	0
23	0	0	0	0	0	0	9.06	168	386	549	640	705	751	496	504	385	166	11.4	0	0	0	0	0	0	199	751	0
24	0	0	0	0	0	0	3.85	151	332	507	464	511	509	412	396	190	62	3.71	0	0	0.278	0.113	0	0.0008	148	511	0
25	0	0	0	0	0	0	8.15	163	375	544	563	737	768	647	512	378	159	6.78	0	0	0	0	0	0	203	768	0
26	0	0	0	0	0	0	9.24	172	394	524	698	762	765	694	559	376	152	4.62	0	0	0	0	0	0	213	765	0
27	0	0	0	0	0	0	5.83	159	359	451	634	713	633	547	481	284	118	10.9	0	0	0	0	0	0	183	713	0
28	0	0	0	0	0	0	1.47	46.9	263	478	586	671	579	352	237	204	130	13.3	0	0	0	0	0	0	148	671	0
29	0	0	0	0	0	0	5.77	156	371	556	681	739	744	675	541	363	142	4.75	0	0	0	0	0	0	207	744	0
30	0	0	0	0	0	0	4.32	111	383	377	537	757	613	601	491	309	111	12	0	0	0	0	0	0	179	757	0
31	0	0	0	0	0	0	0.976	83.9	246	565	608	572	545	535	428	243	66.9	7.67	0	0	0	0	0	0	163	608	0
Avg	0	0	0	0	0	0	16.5	186	413	585	710	790	746	670	547	388	194	26.4	0.0672	0.0459	0.0633	0.0283	0.0161	0.0067	220	--	--
Max	0	0	0	0	0	0	36.2	243	472	670	810	883	884	826	693	504	296	65.1	1.62	0.916	0.989	0.764	0.499	0.208	--	884	--
Min	0	0	0	0	0	0	0.976	46.9	246	333	464	511	295	114	134	116	22.9	3.71	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, SR_Wm2_2m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	1.83	145	232	495	709	774	735	664	535	356	138	5.87	0	0	0	0	0	0	200	774	0
2	0	0	0	0	0	0	2.91	152	359	538	687	766	751	697	578	372	149	6.75	0	0	0	0	0	0	211	766	0
3	0	0	0	0	0.369	0.622	2.64	114	317	261	235	182	657	664	551	213	19.2	0.101	0.003	0.509	0.619	0	0.0667	0	134	664	0
4	0	0	0	0	0	0	1.12	10.1	27.3	39.1	458	706	627	624	516	340	119	5.03	0	0	0	0	0	0	145	706	0
5	0	0	0	0	0	0	2.06	133	344	527	655	719	715	654	515	335	125	4.97	0	0	0	0	0	0	197	719	0
6	0	0	0	0	0	0	1.84	132	344	525	653	721	717	645	512	331	124	4.06	0	0	0	0	0	0	196	721	0
7	0	0	0	0	0	0	0.894	129	340	522	650	714	708	636	504	328	121	3.47	0	0	0	0	0	0	194	714	0
8	0	0	0	0	0	0	1.02	127	341	526	657	720	721	651	521	343	121	3.32	0	0	0	0	0	0	197	721	0
9	0	0	0	0	0	0	0.583	128	346	529	661	735	736	665	528	351	123	2.92	0	0	0	0	0	0	200	736	0
10	0	0	0	0	0	0	0.287	122	332	513	646	714	716	642	510	332	118	3.44	0	0	0	0	0	0	194	716	0
11	0	0	0	0	0	0	0.294	114	324	507	639	707	704	632	499	320	109	2.2	0	0	0	0	0	0	190	707	0
12	0	0	0	0	0	0	0.176	113	323	504	638	705	701	631	495	316	111	1.41	0	0	0	0	0	0	189	705	0
13	0	0	0	0	0	0	0.404	121	306	495	591	700	702	639	506	315	102	2.19	0	0	0	0	0	0	187	702	0
14	0	0	0	0	0	0	0.0377	113	326	509	639	707	702	631	495	315	102	1.86	0	0	0	0	0	0	189	707	0
15	0	0	0	0	0	0	0.0048	106	315	498	627	695	692	622	489	312	96.9	1.31	0	0	0	0	0	0	186	695	0
16	0	0	0	0	0	0	0.0033	65.3	290	411	609	555	448	278	353	184	60.6	1.68	0	0	0	0	0	0	136	609	0
17	0	0	0	0	0	0	0	92.5	307	493	628	702	699	624	484	313	98.1	2.14	0	0	0	0	0	0	185	702	0
18	0	0	0	0	0	0	0	104	319	505	637	705	702	631	496	317	98.6	1.35	0	0	0	0	0	0	188	705	0
19	0	0	0	0	0	0	0	93.2	304	488	619	688	685	618	465	251	62.3	0.627	0	0	0	0	0	0	178	688	0
20	0	0	0	0	0	0	0.104	34.6	122	277	230	279	228	166	167	101	31.9	0.871	0	0	0	0	0	0	68.3	279	0
21	0	0	0	0	0.0253	0.354	0.742	8.56	33.7	44.4	44.1	74.4	221	33.1	201	164	49.3	2.04	0	0	0	0	0	0	36.6	221	0
22	0	0	0	0	0	0	0	84.1	287	468	602	675	685	617	479	302	83.9	1.8	0	0	0	0	0	0	179	685	0
23	0	0	0	0	0	0	0	85	293	476	610	679	678	609	475	300	81.7	1.32	0	0	0	0	0	0	179	679	0
24	0	0	0	0	0	0	0	33.4	265	491	639	702	698	627	496	303	92.4	2.21	0	0	0	0	0	0	181	702	0
25	0	0	0	0	0	0	0	29.7	196	457	595	648	627	602	469	296	82.2	1.51	0	0	0	0	0	0	167	648	0
26	0	0	0	0	0	0	0	26.1	95.8	157	300	400	421	213	126	61.8	12.9	0.029	0	0	0	0	0	0	75.6	421	0
27	0	0	0	0	0	0	0	33	285	293	333	586	343	289	214	104	22.5	0.875	0	0	0	0.002	0	0.878	104	586	0
28	0.6	0.0335	0.004	0.00125	0.0028	0.0068	0.201	12.1	111	229	265	342	406	405	166	95.8	14.2	0.087	0	0	0	0	0	0	85.4	406	0
29	0	0	0	0	0	0	0	67.5	274	460	598	704	664	397	490	318	90.6	1.34	0	0	0	0	0	0	169	704	0
30	0	0	0	0	0	0	0	69.4	273	458	592	661	661	595	467	295	85.7	0.879	0	0	0	0	0	0	173	661	0
Avg	0.02	0.0011	0.0001	0.000042	0.0132	0.0328	0.572	86.6	268	423	548	622	625	547	443	276	88.1	2.26	0.0001	0.017	0.0206	0.000067	0.0022	0.0293	164	--	--
Max	0.6	0.0335	0.004	0.00125	0.369	0.622	2.91	152	359	538	709	774	751	697	578	372	149	6.75	0.003	0.509	0.619	0.002	0.0667	0.878	--	774	--
Min	0	0	0	0	0	0	0	8.56	27.3	39.1	44.1	74.4	221	33.1	126	61.8	12.9	0.029	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, SR_Wm2_2m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	50.6	190	327	453	609	598	586	435	219	85	1.08	0	0	0	0	0	0	148	609	0
2	0	0	0	0	0	0	0	48.4	177	326	541	548	590	346	157	83.7	31.6	2.23	0	0	0	0	0	0	119	590	0
3	0	0	0	0	0	0	0	56.5	252	434	569	640	644	583	458	288	86.5	1.07	0	0	0	0	0	0	167	644	0
4	0	0	0	0	0	0	0	59.1	261	448	583	654	657	591	460	291	88	0.977	0	0	0	0	0	0	170	657	0
5	0	0	0	0	0	0	0	35.2	236	413	539	636	629	542	403	217	59.6	1.86	0	0	0	0	0	0	155	636	0
6	0	0	0	0	0	0	0	14.6	84.6	227	451	490	572	521	404	255	101	3.33	0	0	0	0	0	0	130	572	0
7	0	0	0	0	0	0	0	31.5	220	338	584	542	595	336	223	183	86.7	1.86	0	0	0	0	0	0	131	595	0
8	0	0	0	0	0	0	0	40.2	227	413	545	621	638	566	440	275	86.7	1.49	0	0	0	0	0	0	161	638	0
9	0	0	0	0	0	0	0	35.9	193	412	549	622	629	568	427	231	56.2	1.44	0	0	0	0	0	0	155	629	0
10	0	0	0	0	0	0	0	44.1	232	415	529	619	627	569	448	247	73.9	1.77	0	0	0	0	0	0	159	627	0
11	0	0	0	0	0	0	0	36.7	203	365	504	583	604	547	434	264	89.9	1.54	0	0	0	0	0	0	151	604	0
12	0	0	0	0	0	0	0	27.9	218	335	485	588	591	509	404	290	77.9	2.97	0	0	0	0	0	0	147	591	0
13	0	0	0	0	0	0	0	31.3	185	368	477	613	611	484	392	250	63.2	1.46	0	0	0	0	0	0	145	613	0
14	0	0	0	0	0	0	0	20.9	137	273	461	618	538	516	388	304	91.4	1.6	0	0	0	0	0	0	140	618	0
15	0	0	0	0	0	0	0	30.3	191	396	530	600	571	348	380	241	58.3	1.27	0	0	0	0	0	0	139	600	0
16	0	0	0.0105	0.007	0	0	0.246	2.87	14.2	19	103	116	305	116	239	181	27.6	0.73	0.484	0.0008	0	0	0	0	46.9	305	0
17	0.205	0.724	0.0318	0.902	1.06	0	0	20.8	215	399	543	621	633	581	465	293	101	2.62	0	0	0	0	0	0	162	633	0
18	0	0	0	0	0	0	0	33.9	227	419	563	644	659	606	487	314	77.7	2.53	0	0	0	0	0	0	168	659	0
19	0	0	0	0	0	0	0	23	69	400	545	623	634	580	467	300	105	2.34	0	0	0	0	0	0	156	634	0
20	0	0	0	0	0	0	0	18.9	94.9	338	518	582	544	396	353	201	60.3	2.85	0	0	0	0	0	0	130	582	0
21	0	0	0	0	0	0.003	0.013	0.292	81.5	64.1	147	239	217	159	91	35.5	29.4	0.686	0.0008	0.043	0.0545	0	0.0382	0.0015	44.4	239	0
22	0	0	0.0003	0.003	0.0197	0.0532	0	1.35	17.3	59.2	122	31.2	29.2	20.5	45	17.5	21.8	3.8	0.279	0.119	0.52	0.046	0.006	0.0115	15.4	122	0
23	0.378	0.128	0.118	0.0547	0	0	0	2.19	23.8	54.4	85.1	172	385	222	165	206	116	2.63	0	0	0	0	0	0	59.8	385	0
24	0	0	0	0	0	0	0	27.9	200	385	531	605	397	575	221	7.06	2.91	0.604	0.0115	0.335	0.294	0.135	0.0043	0.0122	123	605	0
25	0.0568	0.318	0.0112	0.0127	0	0.0125	0	2.74	49	141	239	244	325	379	396	271	95.9	4.58	0	0	0	0	0	0	89.5	396	0
26	0	0	0	0	0	0	0	22.5	197	389	504	590	613	557	466	296	113	4.27	0	0	0	0	0	0	156	613	0
27	0	0	0	0	0	0	0	27.8	205	393	536	619	637	569	463	309	119	3.9	0	0	0	0	0	0	162	637	0
28	0	0	0	0	0	0	0	5.43	59	142	274	402	427	338	197	147	71.7	3.72	0	0	0	0	0	0	86.1	427	0
29	0	0	0	0	0	0	0	4.62	52.9	117	212	571	617	586	472	310	119	3.43	0	0	0	0	0	0	128	617	0
30	0	0	0	0	0	0	0	9.13	123	271	459	518	604	488	470	242	66.9	3.89	0	0	0	0.136	0.204	0.0472	136	604	0
31	0.0003	0.0887	0.299	0.075	0	0	0	1.07	11.5	28.6	42.8	47.6	54	186	103	32.3	14.8	2.69	0	0	0	0	0	0	21.9	186	0
Avg	0.0206	0.0406	0.0152	0.034	0.0347	0.0022	0.0084	24.8	150	294	427	504	522	451	353	219	73.5	2.3	0.025	0.0161	0.028	0.0102	0.0082	0.0023	126	--	--
Max	0.378	0.724	0.299	0.902	1.06	0.0532	0.246	59.1	261	448	584	654	659	606	487	314	119	4.58	0.484	0.335	0.52	0.136	0.204	0.0472	--	659	--
Min	0	0	0	0	0	0	0	0.292	11.5	19	42.8	31.2	29.2	20.5	45	7.06	2.91	0.604	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, Temp_2m_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	19.0	18.5	18.0	18.0	17.5	17.1	17.1	18.6	21.3	23.0	24.2	25.0	24.7	26.1	26.8	26.5	26.3	25.4	24.3	23.1	21.5	21.1	20.1	20.2	21.8	26.8	17.1
2	19.9	19.4	19.1	18.5	18.7	18.0	17.4	17.6	19.8	22.1	22.5	24.0	23.8	21.7	20.2	20.2	18.6	17.0	16.7	16.5	16.5	17.1	17.6	19.6	19.3	24.0	16.5
3	19.5	18.9	18.3	18.0	17.4	16.7	15.7	16.8	18.3	18.8	19.7	20.3	20.8	21.3	21.4	21.2	20.8	19.6	18.5	17.8	17.3	16.4	16.3	14.2	18.5	21.4	14.2
4	13.7	12.6	13.1	12.4	12.2	12.1	11.6	13.2	16.3	17.9	18.7	19.4	20.3	20.7	21.1	21.0	20.8	19.7	18.8	18.0	16.5	15.3	15.8	15.3	16.5	21.1	11.6
5	15.2	14.7	14.5	14.1	14.2	14.0	14.0	15.3	17.5	19.7	21.1	21.9	22.5	23.4	23.6	23.5	23.1	22.4	21.2	20.8	19.6	17.8	17.7	17.3	18.7	23.6	14.0
6	18.8	16.7	15.8	15.8	15.7	15.6	14.9	16.4	19.5	20.4	21.2	22.2	23.2	23.7	23.9	24.2	23.6	22.6	21.6	21.0	20.0	18.1	17.7	16.9	19.6	24.2	14.9
7	16.6	16.0	15.8	15.4	15.0	14.9	14.8	17.3	20.4	21.6	23.6	25.4	27.1	27.5	28.0	27.9	27.4	26.5	24.5	23.3	22.8	21.7	20.8	20.1	21.4	28.0	14.8
8	19.4	19.1	18.8	18.7	18.5	17.9	17.5	18.5	21.0	23.1	24.5	25.6	26.4	27.3	27.7	27.6	27.5	25.8	25.0	18.8	16.9	18.1	18.7	17.7	21.7	27.7	16.9
9	17.0	16.8	16.7	16.4	15.9	15.9	15.9	16.8	18.6	20.4	22.3	24.4	25.6	26.5	26.4	27.3	27.2	25.9	24.4	22.7	20.7	21.0	20.4	19.6	21.0	27.3	15.9
10	19.0	18.0	18.4	18.0	17.8	17.7	18.3	19.5	21.9	23.8	25.2	26.7	27.6	27.5	27.5	27.3	26.4	25.4	24.2	22.5	21.6	21.1	20.9	20.8	22.4	27.6	17.7
11	20.8	20.7	19.8	19.6	18.8	18.7	18.1	19.5	21.6	24.1	25.7	26.7	27.3	27.7	27.6	27.6	27.3	26.3	25.3	23.9	22.2	21.8	20.9	20.3	23.0	27.7	18.1
12	19.6	19.5	18.7	17.5	17.1	17.3	16.7	17.3	20.5	23.7	25.4	26.1	26.7	27.6	26.9	26.0	26.1	24.9	23.4	21.6	20.1	20.1	19.4	18.8	21.7	27.6	16.7
13	19.5	18.5	18.2	18.0	17.4	16.9	16.5	17.6	20.4	22.9	23.4	24.4	25.4	26.2	26.5	26.4	25.7	24.5	23.5	22.6	20.9	19.7	19.6	19.5	21.4	26.5	16.5
14	19.4	19.1	18.6	17.7	17.1	16.5	15.9	17.3	21.2	24.2	25.9	26.9	27.1	27.5	28.3	28.0	27.6	26.3	24.8	24.0	22.0	21.9	21.7	21.5	22.5	28.3	15.9
15	21.1	20.5	19.9	19.2	18.3	17.4	17.4	19.1	21.2	23.7	25.9	26.7	27.1	27.3	27.7	27.2	26.6	25.4	24.4	22.5	21.7	22.6	23.5	22.6	22.9	27.7	17.4
16	22.1	21.8	19.9	18.6	17.7	17.7	16.8	18.4	20.9	23.3	24.6	25.5	26.3	26.1	26.0	26.1	25.6	24.2	23.4	22.4	20.4	19.8	19.4	19.7	21.9	26.3	16.8
17	19.9	21.4	20.7	18.4	17.5	16.8	16.9	17.2	19.8	22.5	23.7	24.1	25.1	25.3	25.2	25.1	24.4	23.3	22.5	21.6	20.3	19.4	18.6	19.1	21.2	25.3	16.8
18	18.4	17.5	17.4	17.2	17.4	16.8	16.4	17.1	19.6	21.8	23.3	24.2	24.9	25.7	26.0	25.2	24.6	23.5	22.6	21.4	20.1	19.3	19.8	20.8	20.9	26.0	16.4
19	20.3	20.8	20.1	17.5	17.4	16.0	13.9	16.2	20.2	21.8	23.2	25.0	26.0	26.5	26.9	27.1	26.6	24.5	23.3	21.4	20.2	20.8	20.4	19.6	21.5	27.1	13.9
20	19.4	19.2	19.1	18.6	18.2	17.5	17.0	18.0	19.4	20.5	23.2	25.1	26.4	27.4	27.6	27.2	26.1	24.0	21.8	20.9	20.1	19.8	19.4	18.7	21.4	27.6	17.0
21	18.1	17.6	16.9	17.0	16.5	16.2	16.2	17.4	19.3	20.5	22.1	23.7	25.3	26.2	27.2	28.1	27.6	25.6	23.8	22.3	21.4	20.6	19.7	19.6	21.2	28.1	16.2
22	19.2	19.8	19.8	19.3	19.1	18.8	18.6	19.8	21.7	24.0	26.2	27.6	28.6	29.3	29.8	28.9	28.4	27.1	25.8	24.5	25.2	24.6	23.1	24.3	23.9	29.8	18.6
23	23.2	22.8	21.4	19.8	19.6	18.9	18.7	19.8	22.7	25.4	25.8	26.6	27.1	27.2	27.3	27.5	27.0	25.8	24.9	24.7	23.2	22.0	21.8	21.9	23.5	27.5	18.7
24	20.7	20.3	20.5	19.5	19.9	19.1	18.0	18.7	22.0	24.3	25.4	25.5	26.5	26.3	25.8	25.3	24.8	24.2	23.4	23.1	19.0	18.7	19.4	19.6	22.1	26.5	18.0
25	19.1	19.6	17.8	17.9	16.3	16.1	15.2	17.1	20.0	22.4	23.7	24.4	24.9	25.2	25.8	25.6	24.8	23.6	22.8	20.8	19.7	19.1	19.2	19.6	20.9	25.8	15.2
26	19.0	18.6	17.5	16.6	16.4	16.0	15.9	17.6	20.7	22.5	24.9	26.6	27.6	28.3	28.4	28.6	27.8	26.3	24.1	23.1	23.0	21.7	21.6	21.2	22.2	28.6	15.9
27	21.0	22.3	21.2	20.0	20.4	20.3	20.4	20.9	22.8	24.2	26.1	27.5	28.5	29.1	29.5	29.2	28.4	26.6	25.3	24.4	24.3	24.1	23.8	24.5	24.4	29.5	20.0
28	24.1	23.4	23.2	22.1	21.4	21.1	19.3	20.7	22.4	24.5	25.7	26.7	27.3	27.2	26.7	26.4	26.3	25.6	25.0	23.7	22.6	21.7	21.5	21.9	23.8	27.3	19.3
29	21.1	19.9	19.3	18.8	19.1	18.2	17.4	18.7	21.4	24.2	25.6	26.6	26.8	27.4	27.6	27.6	26.6	25.4	24.6	22.1	21.7	21.8	21.2	21.2	22.7	27.6	17.4
30	20.7	20.9	20.9	19.4	18.3	18.0	17.5	18.7	22.1	24.2	25.1	27.0	27.2	26.7	26.6	26.2	25.3	24.5	23.3	21.6	21.0	20.6	20.9	21.8	22.4	27.2	17.5
31	21.5	21.4	20.1	19.7	19.1	18.1	18.6	17.7	19.2	21.4	22.1	22.9	22.8	23.1	23.3	22.4	21.4	20.5	19.6	19.0	19.2	19.2	18.3	17.2	20.3	23.3	17.2
Avg	19.6	19.2	18.7	18.0	17.6	17.2	16.7	17.9	20.4	22.5	23.9	25.0	25.7	26.1	26.2	26.1	25.5	24.3	23.1	21.8	20.7	20.2	20.0	19.8	21.5	--	--
Max	24.1	23.4	23.2	22.1	21.4	21.1	20.4	20.9	22.8	25.4	26.2	27.6	28.6	29.3	29.8	29.2	28.4	27.1	25.8	24.7	25.2	24.6	23.8	24.5	--	29.8	--
Min	13.7	12.6	13.1	12.4	12.2	12.1	11.6	13.2	16.3	17.9	18.7	19.4	20.3	20.7	20.2	20.2	18.6	17.0	16.7	16.5	16.5	15.3	15.8	14.2	--	--	11.6

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, Temp_2m_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	16.3	15.7	15.1	14.5	13.6	13.0	13.0	13.5	14.8	16.9	18.5	19.4	19.9	20.0	19.9	19.7	18.8	17.7	16.9	16.5	15.2	16.0	14.7	13.6	16.4	20.0	13.0
2	13.5	12.7	13.4	12.6	12.0	12.2	12.6	13.1	16.1	18.0	19.3	20.8	21.9	22.5	23.1	22.8	22.0	19.5	18.7	17.9	17.2	15.6	16.0	16.1	17.1	23.1	12.0
3	15.5	15.2	15.0	14.7	14.0	13.0	12.1	13.2	14.4	15.7	16.3	16.2	17.5	18.9	19.4	20.0	17.7	13.1	12.6	13.7	13.5	12.7	13.7	13.5	15.1	20.0	12.1
4	12.7	12.9	12.4	11.5	11.8	12.0	12.0	12.5	11.9	11.9	12.7	15.0	16.5	17.1	17.9	17.8	17.3	15.9	15.2	14.4	13.4	12.7	12.9	12.8	13.9	17.9	11.5
5	12.1	12.2	11.4	11.5	10.8	10.8	10.5	11.5	14.6	15.9	17.2	18.6	19.6	19.2	19.2	19.0	18.2	17.2	16.7	16.1	15.0	13.8	14.6	13.9	15.0	19.6	10.5
6	13.2	12.9	13.2	12.4	12.5	12.8	12.2	12.9	15.7	18.2	19.5	19.4	19.6	20.2	20.0	19.9	19.4	18.5	17.8	17.0	15.5	15.5	14.7	15.6	16.2	20.2	12.2
7	15.0	14.5	13.2	13.9	14.4	14.1	13.3	14.1	16.4	18.4	20.1	22.0	22.7	22.2	22.1	22.1	21.4	20.2	18.9	17.4	18.2	18.5	18.8	18.3	17.9	22.7	13.2
8	17.1	17.3	17.3	16.7	16.4	16.2	15.4	16.2	18.5	20.4	21.3	22.1	22.5	22.9	22.9	22.4	21.3	20.1	19.2	18.6	18.4	17.3	17.8	17.0	19.0	22.9	15.4
9	16.2	16.6	16.7	16.4	15.9	15.0	13.3	13.4	14.9	16.5	17.8	18.2	18.9	19.4	19.6	19.5	18.7	17.6	16.2	15.1	14.2	13.9	14.0	13.4	16.3	19.6	13.3
10	12.1	11.7	11.7	12.0	11.9	11.9	11.4	11.6	13.8	15.2	15.8	16.6	17.4	18.3	18.0	17.8	17.3	16.1	15.4	14.6	13.2	13.7	13.4	12.5	14.3	18.3	11.4
11	12.5	11.6	11.4	11.4	11.8	11.8	11.5	11.8	13.6	15.4	17.0	17.9	18.7	19.5	19.9	19.8	19.0	17.1	15.8	15.7	14.9	14.4	13.9	14.0	15.0	19.9	11.4
12	13.7	13.3	12.9	12.2	12.0	11.9	11.6	12.9	14.6	15.9	17.4	18.6	19.2	19.8	19.8	19.3	18.6	16.8	15.8	14.8	14.2	13.9	13.2	13.0	15.2	19.8	11.6
13	12.7	12.3	12.9	13.0	12.9	12.7	11.6	13.2	14.7	15.8	17.1	19.2	21.0	22.2	22.5	21.8	20.6	19.4	18.7	17.5	15.5	15.0	15.6	14.8	16.4	22.5	11.6
14	14.0	14.0	13.9	14.8	13.6	13.0	12.6	13.3	15.4	16.9	19.3	20.8	21.8	22.9	23.6	23.7	21.8	20.5	19.4	17.4	16.8	18.0	17.6	16.7	17.6	23.7	12.6
15	15.0	15.5	15.4	15.1	14.6	14.9	14.6	15.0	17.2	18.7	20.6	22.3	23.8	25.0	25.5	25.1	24.1	21.9	20.2	18.8	18.1	18.2	17.5	16.8	18.9	25.5	14.6
16	17.6	16.8	16.5	15.6	15.1	14.9	14.7	14.6	16.6	18.9	20.6	22.2	21.9	21.1	21.4	21.0	20.3	19.4	18.8	18.9	18.7	18.2	18.2	17.7	18.3	22.2	14.6
17	17.1	16.7	16.0	15.3	14.5	13.0	11.0	10.2	9.9	10.5	11.6	12.4	13.1	13.6	13.7	13.3	12.7	11.8	11.2	10.0	9.1	8.9	8.0	8.8	12.2	17.1	8.0
18	7.9	8.5	8.6	8.7	8.1	8.0	7.2	7.4	9.9	11.2	12.4	14.0	15.3	16.8	17.6	17.4	16.6	14.8	13.9	13.8	14.0	14.1	13.9	13.3	12.2	17.6	7.2
19	12.6	12.4	12.0	11.7	11.3	11.0	10.8	10.8	11.8	13.2	15.1	16.4	18.3	18.6	19.0	18.8	17.5	15.8	15.1	15.3	15.2	15.0	14.8	14.2	14.4	19.0	10.8
20	13.5	13.4	13.3	13.3	12.8	12.4	12.3	12.5	13.2	14.9	15.3	16.1	16.8	16.9	16.9	16.9	16.7	15.8	15.4	15.2	15.0	15.2	14.7	15.0	14.7	16.9	12.3
21	13.5	12.1	12.3	11.2	10.6	10.8	10.9	10.8	12.4	12.2	11.5	11.3	12.1	10.8	10.7	11.4	11.2	10.8	10.5	10.0	9.6	9.3	9.1	7.8	11.0	13.5	7.8
22	7.4	6.6	6.2	6.1	5.6	5.9	5.7	5.8	8.3	10.6	11.1	11.7	12.6	13.2	13.5	13.5	12.6	11.7	11.3	10.4	8.4	8.8	8.5	8.6	9.3	13.5	5.6
23	8.8	8.7	8.7	8.6	8.0	7.9	7.6	8.0	9.9	11.7	13.7	15.3	16.3	16.9	17.0	17.1	16.4	14.3	13.2	11.4	11.1	11.7	10.9	9.1	11.8	17.1	7.6
24	8.8	8.5	9.0	9.6	11.7	11.6	11.4	10.7	10.9	11.8	13.2	14.5	15.4	16.4	16.9	16.7	15.9	14.7	13.8	12.7	12.0	11.5	11.3	10.8	12.5	16.9	8.5
25	10.8	10.6	10.0	9.8	9.9	9.4	9.3	9.6	10.6	12.4	14.1	15.8	16.2	17.1	17.8	17.4	15.9	14.3	13.7	13.1	12.5	12.1	11.6	11.2	12.7	17.8	9.3
26	11.0	10.8	11.0	10.5	10.3	10.1	10.0	10.0	10.7	11.0	12.4	13.9	15.3	15.2	15.1	15.0	14.3	14.1	14.1	13.6	13.4	12.9	12.3	11.8	12.4	15.3	10.0
27	11.2	10.5	8.8	7.5	6.3	5.1	4.6	4.2	5.0	5.8	6.5	7.5	7.6	7.7	8.0	8.0	7.7	7.6	7.4	6.1	4.8	1.5	1.0	2.4	6.4	11.2	1.0
28	2.3	2.4	2.7	2.8	2.9	2.9	2.8	2.8	3.0	3.3	3.8	5.2	5.8	6.5	6.0	5.8	5.6	5.6	5.8	5.9	5.9	5.6	5.5	5.1	4.4	6.5	2.3
29	4.8	4.5	4.4	4.3	3.8	3.3	2.9	2.8	3.7	4.9	5.4	7.1	7.8	7.3	7.7	7.5	6.8	6.0	5.4	4.4	3.3	3.5	2.6	2.2	4.8	7.8	2.2
30	2.2	2.2	2.1	2.1	2.0	1.5	0.5	1.1	3.4	4.9	6.1	7.7	9.0	9.6	10.1	9.1	8.6	7.4	6.0	5.1	5.1	3.8	3.8	3.8	4.9	10.1	0.5
Avg	12.0	11.8	11.6	11.3	11.0	10.8	10.3	10.6	12.2	13.6	14.8	15.9	16.8	17.3	17.5	17.3	16.5	15.2	14.4	13.7	13.0	12.7	12.5	12.1	13.5	--	--
Max	17.6	17.3	17.3	16.7	16.4	16.2	15.4	16.2	18.5	20.4	21.3	22.3	23.8	25.0	25.5	25.1	24.1	21.9	20.2	18.9	18.7	18.5	18.8	18.3	--	25.5	--
Min	2.2	2.2	2.1	2.1	2.0	1.5	0.5	1.1	3.0	3.3	3.8	5.2	5.8	6.5	6.0	5.8	5.6	5.6	5.4	4.4	3.3	1.5	1.0	2.2	--	--	0.5

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, Temp_2m_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.8	2.3	2.3	2.1	1.9	2.3	2.6	3.1	4.6	6.7	8.1	10.0	10.7	10.5	10.3	9.9	8.9	7.6	6.6	5.3	5.1	4.5	4.6	4.7	5.7	10.7	1.9
2	4.0	4.4	4.4	4.6	4.0	3.4	3.5	3.4	4.7	6.8	8.8	9.5	9.9	9.4	8.8	8.0	7.3	7.4	6.8	6.1	6.5	7.1	6.8	6.6	6.3	9.9	3.4
3	6.6	6.3	5.9	5.5	5.0	4.6	4.3	4.1	5.7	7.1	8.5	9.9	10.8	11.7	12.3	12.5	11.8	10.8	9.7	8.7	8.1	8.1	7.8	7.6	8.1	12.5	4.1
4	6.7	6.8	7.2	6.6	6.3	6.2	5.5	5.4	6.7	8.2	9.8	11.7	13.0	14.3	15.0	14.8	13.4	12.0	10.5	9.2	8.1	8.0	8.3	7.7	9.2	15.0	5.4
5	7.7	7.9	6.7	6.3	5.9	5.5	5.9	6.5	8.0	10.1	12.0	12.3	12.7	13.2	13.2	12.7	11.5	10.8	10.7	10.5	10.9	10.7	10.7	9.8	9.7	13.2	5.5
6	8.8	7.8	7.2	7.2	7.0	6.2	6.6	6.8	7.6	9.0	10.6	11.1	11.6	11.9	11.7	11.6	11.1	10.3	9.4	8.3	9.0	9.6	9.5	9.2	9.1	11.9	6.2
7	9.1	9.0	8.4	8.1	7.1	6.2	6.0	6.0	7.0	9.1	10.5	10.9	11.6	11.4	10.8	10.4	10.2	9.4	9.0	8.0	6.9	7.1	6.6	6.4	8.6	11.6	6.0
8	5.7	4.9	5.2	5.0	4.5	5.1	4.8	4.1	6.5	9.9	11.8	12.9	13.7	14.2	14.5	14.0	12.8	11.6	10.6	9.1	9.2	9.5	9.4	8.9	9.1	14.5	4.1
9	8.0	7.3	6.8	6.5	6.3	6.1	5.8	5.7	6.6	8.2	9.5	10.9	12.9	14.3	14.6	14.1	12.9	11.1	10.4	10.3	10.4	10.4	10.1	9.7	9.5	14.6	5.7
10	9.3	9.0	8.7	8.7	8.3	7.9	7.4	7.6	8.9	10.5	12.7	14.8	16.4	17.2	16.2	15.5	14.7	13.4	12.4	11.0	11.5	11.7	12.4	12.7	11.6	17.2	7.4
11	12.3	10.4	9.8	8.9	9.8	9.1	9.2	9.4	10.6	12.9	14.7	15.1	15.7	16.1	16.7	15.9	15.0	13.9	13.0	12.3	11.0	11.0	10.5	11.0	12.3	16.7	8.9
12	10.2	9.9	9.9	10.1	9.5	9.7	9.3	9.1	10.9	12.5	14.2	15.1	15.9	16.1	16.5	16.2	15.2	14.2	13.2	13.1	13.1	11.6	11.4	11.3	12.4	16.5	9.1
13	11.3	10.9	10.7	10.1	10.1	10.0	9.4	9.2	10.5	13.1	14.7	15.8	16.4	16.7	17.0	16.6	15.6	14.5	13.8	12.7	11.6	11.7	11.3	11.7	12.7	17.0	9.2
14	11.1	10.6	10.5	10.7	10.8	10.6	10.0	8.4	9.7	12.6	15.1	17.1	17.8	19.0	19.1	19.3	18.4	16.6	15.1	14.4	14.0	13.6	12.8	12.2	13.7	19.3	8.4
15	11.6	10.6	10.5	10.4	9.7	9.6	10.1	10.0	11.6	15.1	18.0	19.5	20.4	20.4	20.8	20.5	19.2	17.8	17.2	17.6	17.8	17.6	16.6	15.3	15.3	20.8	9.6
16	13.7	10.1	9.4	10.4	9.5	9.3	9.2	9.3	9.6	10.6	10.8	11.7	13.2	13.7	14.5	15.4	15.3	13.6	13.0	13.7	13.0	12.6	12.3	11.9	11.9	15.4	9.2
17	11.2	10.6	9.2	6.9	5.3	4.6	3.7	2.3	2.0	2.5	3.1	4.0	4.6	5.3	5.8	5.7	5.0	4.3	3.9	2.5	1.7	1.0	0.7	1.0	4.5	11.2	0.7
18	1.0	0.8	1.2	0.6	0.4	0.5	0.0	1.1	2.3	3.7	5.2	6.5	7.4	8.5	9.4	9.4	8.5	7.6	7.5	6.8	6.1	5.7	5.4	5.3	4.6	9.4	0.0
19	4.9	4.7	4.4	4.4	4.2	4.1	3.9	4.1	4.5	6.6	8.3	9.4	10.9	12.2	12.8	12.5	11.7	10.6	10.6	10.6	10.4	10.1	10.2	9.9	8.2	12.8	3.9
20	9.7	9.5	9.2	8.9	8.6	8.3	8.2	8.5	8.7	9.8	11.5	12.5	13.7	14.0	14.2	13.8	13.0	12.2	11.7	11.9	12.0	12.2	12.7	12.3	11.1	14.2	8.2
21	11.7	11.8	11.6	11.0	10.9	10.8	10.8	10.6	9.5	10.6	10.3	12.0	11.7	12.2	12.4	12.1	11.8	11.7	11.0	10.6	10.7	10.8	11.3	11.0	11.2	12.4	9.5
22	11.1	11.4	11.4	11.2	12.0	12.7	12.2	12.5	12.6	12.7	12.7	12.5	11.8	11.3	10.9	10.1	9.8	9.5	9.1	8.9	8.7	8.2	8.0	7.9	10.8	12.7	7.9
23	7.6	7.9	7.9	7.7	7.8	7.6	7.5	7.4	7.5	7.5	7.6	7.9	9.7	9.4	9.1	9.7	9.9	9.1	8.4	7.7	7.4	7.2	6.6	6.5	8.0	9.9	6.5
24	7.6	6.4	6.2	6.6	6.9	7.1	6.9	7.4	8.7	10.4	10.8	11.1	11.3	12.3	11.7	5.8	0.7	-0.1	0.6	1.1	1.5	1.6	1.6	0.6	6.0	12.3	-0.1
25	-0.4	0.1	-0.5	-0.3	-0.3	-0.1	0.0	0.0	0.2	0.4	0.7	1.3	1.9	2.7	3.2	3.3	2.9	2.3	1.4	0.2	0.1	0.3	-0.3	-0.1	0.8	3.3	-0.5
26	0.2	0.1	0.2	0.3	0.2	0.2	-0.9	-0.5	1.7	2.9	3.9	4.5	5.7	6.8	7.3	7.4	6.9	6.5	6.7	6.5	6.7	6.7	7.1	7.0	3.9	7.4	-0.9
27	6.9	6.6	6.7	6.6	6.3	6.4	6.3	6.3	7.1	8.5	9.4	10.8	11.7	12.2	12.6	12.8	12.3	11.0	10.3	10.4	10.3	9.9	8.3	8.3	9.1	12.8	6.3
28	8.0	8.7	9.2	9.2	9.2	8.6	8.5	9.1	9.6	10.5	11.3	12.5	13.7	14.2	13.6	13.3	12.5	11.7	11.1	12.4	11.2	10.3	10.5	11.2	10.8	14.2	8.0
29	10.9	10.8	10.8	12.0	12.6	11.8	12.3	12.3	12.3	12.1	12.1	14.0	14.7	15.3	15.1	14.6	14.0	12.5	11.7	10.8	9.8	8.9	8.4	8.2	12.0	15.3	8.2
30	7.9	7.8	7.8	7.6	7.6	7.3	7.1	7.1	7.7	8.6	9.8	11.0	12.9	13.4	13.9	13.9	13.2	12.4	11.4	11.3	11.0	10.3	10.3	9.8	10.0	13.9	7.1
31	9.2	8.7	8.8	8.4	8.2	8.0	7.5	6.8	6.4	6.2	6.2	6.5	6.7	7.1	7.6	7.5	7.5	7.4	7.3	7.2	7.3	7.1	7.2	7.4	7.4	9.2	6.2
Avg	7.9	7.5	7.3	7.2	6.9	6.8	6.6	6.6	7.4	8.9	10.1	11.1	12.0	12.5	12.6	12.2	11.4	10.4	9.8	9.3	9.1	8.9	8.7	8.5	9.2	--	--
Max	13.7	11.8	11.6	12.0	12.6	12.7	12.3	12.5	12.6	15.1	18.0	19.5	20.4	20.4	20.8	20.5	19.2	17.8	17.2	17.6	17.8	17.6	16.6	15.3	--	20.8	--
Min	-0.4	0.1	-0.5	-0.3	-0.3	-0.1	-0.9	-0.5	0.2	0.4	0.7	1.3	1.9	2.7	3.2	3.3	0.7	-0.1	0.6	0.2	0.1	0.3	-0.3	-0.1	--	--	-0.9

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, WD_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	151	147	136	146	169	134	144	121	114	121	322	241	276	241	215	258	230	223	221	167	170	161	154	155	176	322	114
2	144	106	86	167	173	190	125	111	102	81	127	117	139	51	68	66	119	92	98	109	123	96	103	215	115	215	51
3	216	209	210	224	219	212	115	137	213	230	207	212	211	175	221	216	174	152	218	237	288	263	269	230	212	288	115
4	199	172	163	146	179	164	139	127	88	227	239	253	262	240	228	230	227	199	221	306	191	149	191	168	196	306	88
5	182	179	161	147	157	135	132	120	93	121	135	138	241	211	205	194	221	183	166	231	268	198	159	170	171	268	93
6	291	145	152	200	200	181	182	154	103	278	249	253	205	247	272	250	259	240	262	268	284	176	163	150	218	291	103
7	130	135	151	153	135	116	124	102	57	52	48	45	108	102	121	105	116	89	77	77	62	60	65	70	96	153	45
8	63	61	55	55	61	59	62	58	58	72	105	128	123	129	156	76	51	49	90	27	82	46	49	70	73	156	27
9	75	81	74	63	73	66	57	56	52	48	48	60	122	76	73	57	266	202	236	124	172	134	127	138	87	266	48
10	134	104	122	125	110	106	82	86	68	92	119	191	193	206	261	227	225	178	181	207	170	159	142	125	148	261	68
11	128	99	129	106	110	121	91	97	91	119	194	214	198	206	217	235	174	197	177	344	128	119	122	187	147	344	91
12	161	147	145	153	157	155	145	138	114	98	108	105	107	168	295	249	178	300	269	147	146	215	166	162	156	300	98
13	189	153	167	164	172	185	183	170	165	232	266	266	258	237	228	253	266	254	262	272	141	182	176	166	208	272	141
14	163	137	164	157	148	145	118	142	116	102	112	130	275	302	284	262	281	202	242	261	135	105	187	165	168	302	102
15	210	197	135	173	155	133	125	116	100	89	115	228	208	262	250	252	225	220	216	154	210	246	295	262	193	295	89
16	264	286	254	205	142	187	150	116	100	103	233	222	215	228	237	241	240	195	237	303	106	179	183	349	208	349	100
17	188	231	187	63	172	178	167	141	102	157	214	243	221	236	238	233	179	165	187	202	198	203	173	289	193	289	63
18	95	124	89	71	112	170	160	138	98	105	218	230	233	244	218	271	222	250	228	35	156	137	270	279	177	279	35
19	294	299	291	169	187	171	169	140	69	48	52	46	47	38	23	29	356	254	291	71	56	41	36	37	40	356	23
20	38	39	43	46	52	63	73	62	57	52	53	68	89	123	126	113	114	68	72	69	79	65	76	83	71	126	38
21	81	71	70	56	59	55	51	53	53	48	46	46	47	40	41	35	46	68	80	132	137	137	131	114	69	137	35
22	123	83	65	79	83	76	83	69	66	60	84	123	137	212	208	239	186	216	224	235	278	294	224	297	134	297	60
23	321	295	202	178	148	148	154	156	118	114	260	232	276	241	241	255	237	241	267	268	18	149	222	215	219	321	18
24	151	181	166	148	147	141	148	123	125	128	133	272	245	221	280	272	263	257	183	240	141	155	205	231	186	280	123
25	322	145	267	233	163	149	146	129	87	104	136	73	264	275	229	270	292	281	324	164	163	159	141	153	182	324	73
26	159	164	164	176	136	151	130	120	86	58	46	94	132	142	110	155	145	99	104	110	86	81	96	106	119	176	46
27	101	119	91	80	72	65	51	53	53	57	88	99	112	134	131	100	98	40	66	92	97	115	108	113	89	134	40
28	123	120	112	95	73	58	105	109	98	119	125	131	172	212	218	192	206	212	208	1	150	229	--	296	143	296	1
29	342	213	164	168	192	165	149	142	116	117	116	137	260	248	261	215	232	207	296	181	174	171	178	175	184	342	116
30	170	169	158	163	153	168	123	116	96	88	128	145	201	226	203	189	193	267	238	174	145	78	91	259	163	267	78
31	210	227	227	223	201	165	206	165	146	212	241	210	210	202	210	217	216	194	245	226	228	224	220	226	211	245	146
Avg	154	147	144	142	142	139	127	116	95	99	129	162	198	210	220	226	211	206	217	187	147	150	155	175	155	--	--
Max	342	299	291	233	219	212	206	170	213	278	322	272	276	302	295	272	356	300	324	344	288	294	295	349	--	356	--
Min	38	39	43	46	52	55	51	53	52	48	46	45	47	38	23	29	46	40	66	1	18	41	36	37	--	--	1

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, WD_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	223	237	248	235	85	165	170	130	97	218	198	202	212	222	227	229	220	174	230	257	83	269	50	190	203	269	50
2	176	191	194	167	165	139	124	129	76	48	62	129	147	155	112	192	239	264	275	20	121	73	67	74	134	275	20
3	54	43	52	59	75	56	65	71	67	57	60	56	55	54	52	62	16	277	36	262	307	73	76	60	51	307	16
4	62	58	50	55	65	55	51	48	306	302	24	53	50	45	52	39	98	261	271	327	172	144	145	143	53	327	24
5	126	112	123	130	133	134	135	132	62	50	59	44	281	253	259	254	259	275	275	269	204	181	215	181	175	281	44
6	169	168	197	181	145	153	166	144	99	83	42	264	260	254	271	263	274	273	270	286	174	222	169	207	206	286	42
7	190	166	167	150	116	113	116	132	107	86	62	50	93	281	263	270	270	267	22	103	118	66	47	58	109	281	22
8	70	52	55	76	66	76	84	78	93	105	110	111	105	116	115	100	96	98	101	112	112	99	89	89	92	116	52
9	85	99	109	114	105	126	69	82	76	99	112	115	105	79	82	115	113	108	101	49	61	89	60	44	92	126	44
10	57	65	67	123	107	108	105	108	95	105	112	105	92	93	110	106	109	110	107	102	68	54	100	87	96	123	54
11	86	80	59	66	50	47	48	50	54	59	101	125	129	120	110	122	119	66	89	87	78	76	74	76	82	129	47
12	85	73	79	65	78	69	77	75	68	51	87	123	117	74	58	50	60	60	65	81	79	79	88	68	75	123	50
13	89	98	73	54	50	62	98	72	99	69	78	64	60	51	23	227	270	263	270	294	191	203	198	175	85	294	23
14	185	164	123	90	75	107	104	86	98	92	71	59	51	45	41	27	273	278	287	123	150	59	67	92	86	287	27
15	142	128	133	123	130	130	112	86	69	60	54	57	54	43	144	153	200	278	297	178	157	178	176	162	125	297	43
16	200	156	156	154	130	89	139	132	119	119	122	173	217	224	223	228	191	147	233	221	222	213	212	202	177	233	89
17	198	213	211	204	217	248	231	194	250	224	220	251	244	236	257	250	260	267	267	299	232	233	153	73	232	299	73
18	123	85	66	58	63	55	89	114	62	54	53	51	48	51	52	53	66	65	76	73	62	60	61	57	66	123	48
19	56	57	62	57	54	56	58	69	53	52	54	46	49	48	44	44	47	66	61	51	53	71	65	52	55	71	44
20	55	60	69	57	62	60	58	63	70	70	69	60	57	57	58	104	83	178	125	264	106	186	150	177	82	264	55
21	139	100	96	119	106	99	117	144	194	217	209	213	208	108	75	252	187	327	309	281	283	278	308	126	170	327	75
22	221	99	186	115	174	207	186	209	153	179	254	256	253	263	258	234	265	269	275	305	106	119	112	107	206	305	99
23	105	98	87	76	78	84	81	70	67	66	75	82	96	111	143	127	227	221	73	123	95	106	133	171	101	227	66
24	165	132	107	94	58	46	40	38	40	39	42	51	71	52	50	51	51	51	48	53	56	53	56	63	60	165	38
25	64	64	66	68	58	62	55	53	57	55	52	53	54	53	48	51	48	48	53	69	56	56	55	57	56	69	48
26	54	58	56	55	56	54	53	54	54	66	64	77	96	93	99	108	130	157	231	234	210	225	212	218	92	234	53
27	212	218	193	121	176	196	111	146	221	221	218	219	201	195	197	166	192	153	199	201	259	305	306	271	202	306	111
28	251	238	222	225	223	206	222	220	215	221	227	221	216	213	222	217	229	300	12	310	287	287	248	286	240	310	12
29	286	272	272	270	273	265	275	297	297	311	292	35	73	162	227	240	246	273	266	55	118	136	115	61	272	311	35
30	80	95	104	92	98	87	100	95	83	63	46	48	39	23	232	268	252	1	87	112	99	139	128	161	89	268	1
Avg	123	109	109	103	97	98	99	98	83	77	77	85	95	91	102	155	199	261	339	37	120	117	108	112	101	--	--
Max	286	272	272	270	273	265	275	297	306	311	292	264	281	281	271	270	274	327	309	327	307	305	308	286	--	327	--
Min	54	43	50	54	50	46	40	38	40	39	24	35	39	23	23	27	16	1	12	20	53	53	47	44	--	--	1

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, WD_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	174	156	110	138	134	125	112	108	108	81	71	117	133	262	265	319	249	268	284	117	91	172	168	174	143	319	71
2	144	151	131	146	184	130	148	179	143	120	121	130	132	296	260	271	279	279	91	139	59	41	38	38	136	296	38
3	40	42	46	51	58	65	75	61	50	48	49	56	41	39	33	42	50	41	73	94	74	91	89	108	59	108	33
4	110	123	76	101	94	100	88	76	60	58	64	57	54	44	302	254	262	273	244	126	145	162	135	141	98	302	44
5	143	164	141	133	138	131	110	158	118	100	156	236	232	229	195	177	189	183	245	276	274	274	252	248	185	276	100
6	323	122	104	106	77	126	76	108	118	159	201	208	219	222	217	189	203	156	118	137	207	231	239	158	163	323	76
7	224	223	228	235	8	113	129	146	125	86	212	258	241	220	236	233	258	266	272	310	168	181	134	154	208	310	8
8	169	179	153	117	153	140	153	164	126	67	70	142	154	162	142	238	257	270	298	121	107	82	64	73	139	298	64
9	82	82	78	77	57	57	58	62	67	65	61	62	56	52	49	49	68	98	86	101	76	56	62	81	68	101	49
10	85	83	81	69	78	69	62	78	75	63	63	65	118	133	258	255	261	248	269	153	222	256	284	277	92	284	62
11	243	134	109	140	106	137	158	75	96	141	155	253	249	257	210	223	245	208	247	280	161	193	--	166	183	280	75
12	141	179	174	146	144	153	154	147	133	111	112	229	234	264	231	227	221	218	247	269	273	182	172	216	190	273	111
13	177	145	148	100	119	122	141	153	163	120	115	188	249	260	239	243	228	253	269	256	132	156	140	213	177	269	100
14	125	151	171	167	163	154	135	130	118	92	76	125	138	152	247	248	235	249	111	151	149	149	156	152	152	249	76
15	137	164	150	155	160	156	138	121	111	112	117	118	114	229	222	205	215	243	230	211	217	224	200	252	175	252	111
16	222	232	229	173	98	90	127	109	72	135	220	206	219	217	214	223	219	217	210	199	206	202	208	217	194	232	72
17	218	216	181	176	291	302	296	244	257	248	253	235	241	232	235	234	243	265	251	95	132	140	135	125	226	302	95
18	104	101	82	113	129	121	119	98	104	86	77	57	48	44	43	53	52	54	53	52	47	48	50	49	74	129	43
19	47	48	52	52	53	54	54	55	53	51	52	48	50	52	43	43	46	49	47	50	49	50	46	50	50	55	43
20	47	46	43	47	50	58	59	65	65	59	55	54	54	58	53	57	66	79	85	77	80	73	61	82	61	85	43
21	98	110	121	126	89	150	127	137	114	105	98	85	92	108	107	106	95	107	101	94	77	108	117	76	106	150	76
22	54	104	120	140	172	177	147	181	172	165	145	194	199	200	185	122	216	251	264	215	214	217	210	217	182	264	54
23	225	198	231	217	215	198	218	227	173	195	106	109	173	261	273	282	272	266	4	76	131	175	147	134	201	282	4
24	77	112	106	55	55	48	47	48	71	167	200	202	203	198	200	204	229	213	219	216	219	206	206	206	173	229	47
25	211	203	168	163	96	183	223	220	219	218	218	207	203	185	222	186	229	132	137	146	136	146	150	126	182	229	96
26	112	111	104	93	108	101	119	91	59	61	60	59	54	51	53	59	63	64	53	76	70	79	62	56	75	119	51
27	51	54	51	49	52	50	51	48	48	54	57	58	54	52	53	59	68	90	93	90	82	106	126	98	66	126	48
28	116	90	88	88	86	97	96	86	67	71	78	77	69	86	83	85	97	135	149	129	145	137	102	105	98	149	67
29	127	130	129	83	46	51	45	55	66	58	56	56	59	49	49	47	51	51	57	71	56	54	56	61	64	130	45
30	60	55	54	65	71	78	72	71	68	57	51	53	53	60	83	107	125	112	75	103	126	148	226	214	82	226	51
31	214	218	218	215	213	217	213	211	222	229	222	217	220	221	217	220	220	243	273	97	120	71	124	126	207	273	71
Avg	128	132	121	117	103	113	112	113	102	99	102	122	137	184	215	205	221	213	186	123	128	141	133	136	125	--	--
Max	323	232	231	235	291	302	296	244	257	248	253	258	249	296	302	319	279	279	298	310	274	274	284	277	--	323	--
Min	40	42	43	47	8	48	45	48	48	48	49	48	41	39	33	42	46	41	4	50	47	41	38	38	--	--	4

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, WS_ms_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.8	0.9	0.8	1.2	0.9	0.9	1.0	1.0	1.8	2.1	1.6	2.1	1.7	2.8	2.8	2.6	2.1	2.4	2.1	0.7	0.4	0.6	1.0	0.7	1.5	2.8	0.4
2	0.5	0.5	0.7	0.7	0.4	1.0	1.2	2.0	2.2	1.4	2.2	3.8	2.5	1.6	2.3	2.3	1.8	2.0	1.9	1.9	1.6	1.0	1.2	4.6	1.7	4.6	0.4
3	4.2	4.8	4.6	5.5	4.6	2.4	1.3	1.6	3.0	2.3	2.7	3.0	2.8	2.8	3.4	3.3	2.7	2.5	1.6	2.3	1.8	0.7	0.7	0.5	2.7	5.5	0.5
4	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.4	0.6	2.4	2.1	2.1	2.6	2.5	1.9	2.5	2.4	1.9	1.7	0.5	0.8	0.5	0.4	0.6	1.2	2.6	0.4
5	0.5	0.5	0.5	0.7	0.9	1.2	1.4	1.4	1.7	2.7	2.7	2.0	2.5	2.9	3.7	3.0	2.2	1.8	0.9	0.8	1.0	0.5	0.5	0.4	1.5	3.7	0.4
6	1.0	0.3	0.6	0.4	0.7	0.6	1.0	1.0	1.4	1.7	2.2	1.9	2.1	2.1	2.2	2.0	2.2	2.5	2.4	3.0	1.4	0.8	1.0	1.1	1.5	3.0	0.3
7	1.4	1.9	1.7	1.9	2.1	2.4	2.4	2.6	4.7	6.3	6.0	6.3	4.1	4.0	3.3	3.9	3.7	4.0	3.1	2.9	4.0	5.2	5.5	5.6	3.7	6.3	1.4
8	5.7	5.6	6.8	6.7	5.3	6.2	5.4	6.4	6.9	6.5	5.6	4.9	3.6	2.6	2.7	1.5	2.3	2.8	3.2	5.9	3.6	7.4	6.4	4.8	4.9	7.4	1.5
9	4.5	4.1	4.1	4.1	3.4	3.9	5.1	5.3	7.1	7.1	6.1	4.3	2.6	1.8	1.8	1.6	1.7	1.1	0.7	0.5	1.4	1.2	1.3	1.2	3.2	7.1	0.5
10	1.3	1.5	1.5	1.5	1.6	1.7	2.4	2.6	3.1	3.3	2.5	2.3	3.5	3.1	2.7	3.8	3.2	1.3	0.6	0.7	0.7	0.9	0.6	0.2	1.9	3.8	0.2
11	0.1	0.2	0.5	0.6	0.6	0.7	0.9	0.9	0.9	2.8	3.1	3.7	3.0	3.4	3.2	3.4	2.2	2.8	1.4	0.3	0.3	0.2	0.3	0.3	1.5	3.7	0.1
12	0.5	0.3	0.7	1.2	1.0	0.7	0.8	1.1	1.2	1.2	2.1	2.6	1.7	1.7	1.8	2.2	1.6	1.9	1.0	0.6	0.6	0.6	0.4	0.7	1.2	2.6	0.3
13	0.8	0.2	0.5	0.6	0.8	1.2	1.3	0.3	0.7	1.7	2.4	2.3	2.4	2.3	2.6	2.2	2.1	2.1	2.6	2.0	0.6	0.7	1.0	0.7	1.4	2.6	0.2
14	0.5	0.3	0.7	0.7	1.4	1.3	1.4	1.4	1.9	2.2	2.2	1.5	2.6	2.2	1.8	2.3	1.6	1.7	1.8	0.9	0.5	0.2	0.6	0.4	1.3	2.6	0.2
15	0.3	0.1	0.6	0.6	1.0	1.2	1.3	1.0	1.4	1.6	1.9	3.0	2.5	2.4	2.9	2.5	1.8	1.5	0.7	0.5	0.6	0.8	1.5	0.6	1.3	3.0	0.1
16	1.0	1.6	1.0	0.4	0.6	0.5	1.3	0.7	1.1	2.0	2.2	2.3	2.9	3.5	2.1	2.1	2.0	1.2	0.9	0.6	0.7	0.4	0.5	0.6	1.4	3.5	0.4
17	1.0	2.5	1.3	0.5	0.5	0.3	0.1	0.5	0.8	2.4	2.9	2.8	3.1	2.7	3.3	2.7	2.3	1.8	1.1	0.8	0.6	0.6	0.4	0.4	1.5	3.3	0.1
18	0.3	0.5	0.5	0.5	0.1	0.5	0.6	0.7	1.3	2.4	1.9	2.2	2.3	2.5	2.4	2.7	2.3	1.2	1.3	0.5	0.3	0.2	0.5	1.2	1.2	2.7	0.1
19	0.9	1.3	1.2	0.7	0.9	1.3	1.9	1.9	3.2	5.2	5.1	4.2	2.1	1.8	2.9	2.9	1.7	2.8	2.8	1.8	3.9	7.8	10.4	10.5	3.3	10.5	0.7
20	9.7	8.6	8.8	9.9	8.7	5.0	4.5	5.7	8.1	9.4	8.3	6.8	6.6	5.5	5.4	5.0	5.1	4.7	3.5	3.6	3.4	5.3	4.4	4.6	6.3	9.9	3.4
21	4.7	4.3	3.9	6.2	6.7	6.9	7.2	7.0	7.3	8.3	8.0	7.6	6.7	6.5	4.7	2.6	2.1	1.4	1.2	1.1	1.1	1.5	1.5	1.7	4.6	8.3	1.1
22	1.8	2.3	3.0	2.7	2.5	2.4	2.8	3.3	3.9	4.2	3.7	3.6	2.5	2.4	2.6	2.5	2.1	1.2	0.5	0.7	1.3	0.6	0.4	1.2	2.3	4.2	0.4
23	0.3	0.5	0.6	0.9	0.5	0.8	1.2	1.0	1.1	1.1	2.4	2.6	2.1	2.0	2.3	1.7	2.0	1.6	1.3	1.7	0.7	0.3	1.8	1.6	1.3	2.6	0.3
24	0.5	0.9	0.6	0.5	0.4	0.5	1.0	1.3	1.5	1.7	2.1	2.0	2.2	2.0	2.2	1.6	1.8	1.4	0.8	0.7	3.8	1.3	0.8	1.4	1.4	3.8	0.4
25	1.0	0.6	0.9	1.0	1.0	1.1	1.6	1.5	1.5	1.2	1.7	1.9	2.2	1.9	2.3	2.0	1.8	1.5	1.0	0.6	1.0	1.0	1.0	0.7	1.3	2.3	0.6
26	1.1	1.0	1.4	1.5	1.4	1.6	2.2	2.6	3.2	4.7	4.1	2.8	2.8	2.7	2.8	2.6	1.5	0.3	0.9	0.8	1.3	1.5	1.3	1.6	2.0	4.7	0.3
27	2.5	4.0	2.5	2.2	3.0	3.4	5.8	5.4	5.4	5.3	5.3	5.4	4.5	4.3	3.3	2.4	1.7	3.8	2.2	2.0	2.3	3.5	3.1	5.9	3.7	5.9	1.7
28	4.8	4.2	4.6	3.1	2.0	2.0	1.5	1.5	1.6	3.3	3.6	2.7	3.0	2.9	3.0	1.8	3.6	3.7	2.2	0.4	0.4	0.5	--	0.7	2.5	4.8	0.4
29	0.7	0.7	0.6	0.9	0.6	0.7	1.1	0.9	0.9	1.7	2.0	1.6	2.2	2.2	2.0	2.5	1.6	1.2	1.6	0.9	0.9	0.9	1.3	1.1	1.3	2.5	0.6
30	0.9	0.8	0.7	1.0	1.2	1.5	1.5	1.7	2.2	2.9	4.1	4.4	3.5	3.2	3.4	2.8	1.8	1.1	0.3	0.9	0.4	0.4	0.6	1.1	1.8	4.4	0.3
31	2.0	3.7	1.8	2.3	2.1	1.5	2.2	1.0	0.7	2.1	2.4	3.4	3.5	2.3	3.1	2.9	1.9	1.4	1.6	0.7	2.4	4.0	3.7	2.7	2.3	4.0	0.7
Avg	1.8	1.9	1.9	2.0	1.8	1.8	2.1	2.1	2.7	3.3	3.4	3.3	3.0	2.8	2.8	2.6	2.2	2.0	1.6	1.3	1.4	1.7	1.8	1.9	2.2	--	--
Max	9.7	8.6	8.8	9.9	8.7	6.9	7.2	7.0	8.1	9.4	8.3	7.6	6.7	6.5	5.4	5.0	5.1	4.7	3.5	5.9	4.0	7.8	10.4	10.5	--	10.5	--
Min	0.1	0.1	0.5	0.4	0.1	0.3	0.1	0.3	0.6	1.1	1.6	1.5	1.7	1.6	1.8	1.5	1.5	0.3	0.3	0.3	0.3	0.2	0.3	0.2	--	--	0.1

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, WS_ms_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.8	1.7	0.7	0.4	0.4	0.8	0.4	0.2	0.6	1.7	3.1	3.0	3.2	3.3	2.8	3.2	2.2	1.5	1.3	0.8	0.4	0.8	0.5	0.7	1.5	3.3	0.2
2	0.7	1.0	0.8	0.4	1.3	1.3	1.2	1.0	2.7	4.6	4.9	4.5	3.6	2.8	2.1	2.1	2.7	3.8	3.3	2.4	4.0	3.2	6.6	6.4	2.8	6.6	0.4
3	8.0	7.2	7.1	7.3	4.4	5.5	7.2	7.9	7.6	8.2	8.3	9.1	10.0	10.6	9.8	8.0	5.5	5.2	3.1	3.3	2.1	3.8	7.9	6.6	6.8	10.6	2.1
4	6.0	6.2	8.9	7.1	4.8	6.3	7.6	4.4	2.8	2.7	4.3	6.2	4.4	4.3	3.2	3.2	1.0	2.0	2.2	0.9	1.1	1.0	1.0	1.2	3.9	8.9	0.9
5	1.7	1.7	1.7	1.8	2.1	2.0	2.3	2.4	3.8	5.2	4.1	3.5	1.5	2.5	2.7	2.9	3.0	3.4	3.6	2.9	1.1	1.2	1.0	0.8	2.4	5.2	0.8
6	1.2	1.4	1.5	1.8	1.6	1.3	1.7	1.6	2.4	2.7	1.9	3.1	3.4	2.8	2.8	3.0	3.3	3.1	2.8	0.9	0.7	0.5	1.1	0.3	1.9	3.4	0.3
7	0.5	0.9	1.4	1.4	2.6	1.8	2.2	2.5	2.9	4.2	4.1	4.2	2.8	2.3	2.7	2.6	3.1	3.4	1.2	1.3	3.9	6.2	7.4	5.8	3.0	7.4	0.5
8	5.4	8.2	8.1	6.7	5.4	4.7	5.7	5.3	5.8	7.8	7.9	6.6	7.5	7.3	8.2	8.1	7.3	5.2	3.4	4.4	6.1	5.0	7.1	6.0	6.4	8.2	3.4
9	5.6	6.6	7.7	8.2	7.0	6.1	3.7	5.8	6.8	7.8	7.9	10.3	9.9	10.0	8.0	7.6	7.0	5.5	1.8	1.4	1.9	1.3	0.9	1.6	5.8	10.3	0.9
10	2.9	4.2	5.1	5.2	7.3	7.5	6.1	4.9	6.0	6.6	7.2	7.9	7.7	7.0	7.5	5.9	5.6	6.2	6.0	4.3	2.6	4.6	3.3	3.0	5.6	7.9	2.6
11	4.6	5.1	4.4	4.3	5.5	6.9	7.5	8.1	8.6	7.6	6.5	6.6	5.8	4.6	3.4	3.1	2.8	2.6	1.4	1.1	1.4	1.9	2.6	3.3	4.6	8.6	1.1
12	2.5	3.8	2.2	3.0	2.7	3.8	3.6	4.5	4.7	6.1	6.2	5.4	4.5	4.6	5.0	6.0	4.4	3.0	2.6	1.8	2.3	2.4	2.0	2.1	3.7	6.2	1.8
13	2.2	2.9	2.5	4.5	5.9	4.5	2.6	2.8	3.8	5.8	4.9	4.3	4.4	3.3	2.5	2.2	1.9	2.8	3.1	2.3	1.4	1.7	1.4	1.5	3.1	5.9	1.4
14	1.8	2.1	1.9	2.4	2.5	2.9	3.5	3.8	5.3	6.7	4.5	5.4	4.2	2.9	2.6	1.8	2.8	3.6	2.4	0.5	1.1	0.8	0.9	1.2	2.8	6.7	0.5
15	1.7	1.8	2.6	3.2	4.5	3.4	3.0	2.8	3.0	4.2	4.7	4.8	4.5	3.5	2.6	2.2	1.7	4.1	1.5	1.0	1.1	1.4	1.1	0.6	2.7	4.8	0.6
16	0.8	0.3	1.0	1.3	1.5	1.2	1.0	1.1	1.3	1.7	3.0	3.7	3.3	3.2	3.4	3.3	2.0	1.1	1.6	3.1	3.4	3.3	3.5	3.0	2.2	3.7	0.3
17	2.8	3.5	4.0	4.0	6.5	4.0	1.7	1.8	2.2	2.4	3.0	2.4	2.3	2.4	2.5	2.8	2.5	2.5	1.5	1.2	0.8	0.8	0.9	2.2	2.5	6.5	0.8
18	2.1	2.7	3.4	4.6	4.2	5.2	3.4	2.9	4.8	5.7	6.8	6.9	7.8	6.9	6.1	6.3	4.0	3.6	3.5	3.2	4.4	4.5	4.5	5.4	4.7	7.8	2.1
19	5.7	6.2	4.6	6.0	7.1	6.6	6.7	5.4	7.8	8.8	8.5	9.4	7.7	8.2	7.3	6.8	5.8	3.4	4.8	6.1	5.4	3.6	4.2	6.7	6.4	9.4	3.4
20	6.4	5.3	4.1	4.8	4.9	5.0	4.6	4.8	4.2	4.5	4.1	4.9	4.2	3.9	3.4	1.5	1.8	1.8	1.4	1.6	1.7	2.6	2.0	2.5	3.6	6.4	1.4
21	3.2	2.9	2.0	1.7	1.6	1.2	2.1	1.0	3.7	3.9	4.7	5.5	5.4	4.2	3.2	3.1	2.6	2.1	1.9	1.8	1.8	1.9	1.4	0.6	2.7	5.5	0.6
22	0.4	0.7	0.4	0.6	0.8	0.6	1.0	0.7	0.3	1.2	2.7	3.0	2.7	2.5	3.5	2.9	2.1	2.4	2.9	1.2	0.6	1.2	1.6	2.7	1.6	3.5	0.3
23	2.5	3.7	2.0	2.4	2.3	2.6	2.8	3.5	3.5	3.9	3.9	3.8	3.6	2.6	1.1	1.2	1.4	0.9	0.6	1.1	1.2	1.3	1.2	1.8	2.3	3.9	0.6
24	1.8	2.2	4.2	4.3	6.7	9.6	13.0	13.9	13.3	12.6	13.6	11.0	7.9	9.4	8.4	7.7	7.1	7.1	9.0	7.9	7.5	8.2	7.5	5.7	8.3	13.9	1.8
25	4.8	5.7	4.8	5.4	6.3	5.6	7.0	7.3	7.6	8.6	8.4	7.2	7.6	7.4	6.3	5.9	6.4	5.2	4.8	3.5	4.9	4.9	5.3	5.2	6.1	8.6	3.5
26	5.4	4.4	5.4	5.9	6.0	6.2	6.6	6.2	6.5	5.1	4.9	4.5	4.9	4.2	3.6	2.9	1.8	1.7	2.8	1.9	3.8	4.2	4.3	6.6	4.6	6.6	1.7
27	7.3	8.7	4.9	2.6	2.4	2.4	2.3	1.5	2.6	2.3	3.0	3.3	3.7	3.7	3.3	3.2	3.1	1.8	3.0	2.4	3.6	3.8	1.7	1.9	3.3	8.7	1.5
28	2.4	1.7	2.4	3.2	3.2	2.4	3.3	2.7	3.4	3.2	2.5	1.9	2.7	2.8	3.2	2.9	2.3	1.0	1.1	1.9	3.4	3.0	1.7	1.7	2.5	3.4	1.0
29	1.4	1.3	1.2	1.9	2.0	2.2	2.3	1.8	1.4	2.1	2.0	2.0	2.5	1.8	3.1	2.7	2.3	3.1	2.4	0.6	0.7	0.6	1.0	1.8	1.9	3.1	0.6
30	2.3	5.0	4.3	4.1	3.4	3.1	2.4	2.7	3.5	4.7	5.4	4.4	3.9	1.8	1.6	2.4	2.2	1.0	1.7	1.6	1.3	1.3	1.3	1.0	2.8	5.4	1.0
Avg	3.2	3.6	3.5	3.7	3.9	3.9	4.0	3.8	4.4	5.1	5.2	5.3	4.9	4.6	4.2	3.9	3.4	3.1	2.7	2.3	2.5	2.7	2.9	3.0	3.7	--	--
Max	8.0	8.7	8.9	8.2	7.3	9.6	13.0	13.9	13.3	12.6	13.6	11.0	10.0	10.6	9.8	8.1	7.3	7.1	9.0	7.9	7.5	8.2	7.9	6.7	--	13.9	--
Min	0.4	0.3	0.4	0.4	0.4	0.6	0.4	0.2	0.3	1.2	1.9	1.9	1.5	1.8	1.1	1.2	1.0	0.9	0.6	0.5	0.4	0.5	0.5	0.3	--	--	0.2

SAROAD for Resolution, East_Plant
"Component, Channel: Table100, WS_ms_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.3	1.2	1.3	1.6	1.6	1.4	1.4	1.5	1.4	2.0	2.9	2.2	2.4	2.4	1.9	1.3	1.3	2.2	1.1	0.2	0.3	0.5	0.5	0.4	1.4	2.9	0.2
2	0.5	0.5	0.5	0.5	0.7	0.6	0.8	0.5	0.8	1.1	2.5	2.5	2.1	1.8	2.2	3.2	3.7	2.6	0.7	0.8	3.6	8.3	10.5	10.0	2.5	10.5	0.5
3	10.5	11.2	10.0	9.9	8.5	8.4	7.6	7.6	8.5	9.0	10.1	7.4	8.6	7.3	6.0	4.7	3.3	3.9	3.1	4.2	4.7	6.7	5.1	5.5	7.2	11.2	3.1
4	4.5	4.7	5.0	4.8	6.3	7.9	6.6	5.8	8.3	8.7	5.9	4.5	4.6	2.9	0.9	1.8	2.1	2.7	0.4	0.5	1.1	1.2	0.9	1.1	3.9	8.7	0.4
5	1.4	1.3	1.0	1.0	1.1	1.0	0.8	0.6	1.0	1.3	1.8	3.1	2.3	2.5	2.5	2.0	1.3	0.8	1.5	0.7	1.2	1.0	1.2	1.2	1.4	3.1	0.6
6	0.5	0.1	0.4	0.1	0.3	0.6	0.4	1.0	1.2	2.0	4.0	4.4	3.9	3.8	3.3	1.9	1.4	0.8	0.5	0.4	0.8	1.3	1.7	1.1	1.5	4.4	0.1
7	2.7	4.0	3.1	2.2	0.5	0.1	0.1	0.1	0.4	0.5	1.6	1.9	2.6	2.1	2.0	2.1	1.8	2.8	2.1	0.8	1.0	0.8	0.4	0.5	1.5	4.0	0.1
8	1.4	1.7	1.3	1.3	1.3	1.8	1.5	1.6	1.9	2.2	2.3	2.6	2.9	2.2	1.7	2.1	2.1	3.2	2.4	1.0	1.3	1.4	2.9	2.4	1.9	3.2	1.0
9	3.1	4.2	3.7	3.7	5.3	5.6	5.3	5.1	4.2	4.9	5.2	4.9	4.2	3.6	3.6	3.1	2.1	1.5	2.6	2.0	2.7	4.1	3.1	2.7	3.8	5.6	1.5
10	2.9	3.2	2.6	3.1	2.7	3.4	3.9	3.6	3.6	4.5	3.1	3.3	2.5	1.8	2.8	1.9	1.8	2.2	2.3	0.9	0.4	0.6	1.0	1.3	2.5	4.5	0.4
11	0.9	0.7	0.5	0.7	0.5	0.4	0.3	0.2	0.5	1.0	1.2	2.0	2.4	2.3	2.5	1.8	1.8	0.6	0.7	1.2	0.4	0.6	--	0.2	1.0	2.5	0.2
12	0.6	0.3	0.5	0.3	0.5	0.1	0.5	0.7	1.0	1.1	2.0	1.7	1.8	2.3	2.3	1.9	1.8	2.0	1.8	1.1	0.9	0.2	0.3	0.1	1.1	2.3	0.1
13	0.1	0.2	0.1	0.1	0.4	0.2	0.7	0.7	0.9	1.1	1.9	1.9	2.5	2.0	1.5	1.9	1.7	1.7	1.8	0.5	0.5	0.6	0.4	0.3	1.0	2.5	0.1
14	0.3	0.7	0.6	0.7	0.5	0.5	0.9	1.4	2.0	2.3	2.2	2.4	1.8	1.1	1.8	1.3	1.3	0.8	0.7	0.9	1.0	1.3	1.2	1.4	1.2	2.4	0.3
15	1.2	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.2	2.0	2.2	1.9	1.9	1.9	1.5	1.9	1.7	1.6	2.5	3.5	2.8	2.2	2.2	2.0	3.5	1.2
16	1.9	1.8	1.8	2.4	0.7	0.8	1.5	1.3	0.9	1.3	2.2	2.6	3.6	3.9	3.1	2.9	4.8	3.8	2.6	5.3	5.1	6.2	6.4	8.5	3.1	8.5	0.7
17	9.9	10.2	7.6	4.9	4.8	6.5	4.7	3.4	3.1	3.2	3.2	2.6	2.6	2.5	2.2	2.0	2.3	2.0	1.1	0.7	0.5	0.9	1.1	1.5	3.5	10.2	0.5
18	1.6	2.1	2.5	2.3	2.4	2.3	3.3	3.4	4.6	4.6	5.6	7.4	8.8	8.5	7.9	7.7	6.9	6.7	8.4	8.2	9.5	10.0	9.8	10.1	6.0	10.1	1.6
19	9.7	9.7	9.3	10.4	10.5	10.8	10.6	9.9	10.0	10.1	10.4	11.3	10.1	9.1	8.5	8.9	7.3	7.0	6.9	6.7	6.9	7.0	8.6	7.9	9.1	11.3	6.7
20	8.8	9.5	11.0	10.0	8.8	6.3	6.4	4.8	5.0	5.9	7.1	7.4	6.5	5.5	6.1	5.2	4.0	3.3	3.2	3.6	3.6	4.0	4.1	3.1	6.0	11.0	3.1
21	2.0	1.8	1.7	2.1	2.1	1.6	1.4	2.5	3.1	2.9	2.4	2.7	2.5	2.5	2.5	2.7	2.6	2.8	2.3	2.3	2.9	2.4	1.7	1.0	2.3	3.1	1.0
22	2.4	4.6	4.2	3.5	3.7	4.2	2.4	3.9	2.9	2.6	3.9	3.7	4.3	6.2	5.1	2.7	2.4	2.2	2.4	2.0	3.3	2.4	1.6	2.1	3.3	6.2	1.6
23	2.9	2.3	1.6	2.3	2.5	1.7	1.7	2.1	0.9	0.5	1.9	2.2	1.4	2.1	2.7	2.2	2.2	2.7	1.9	1.0	0.6	0.9	0.6	1.2	1.8	2.9	0.5
24	1.0	1.4	1.6	2.1	2.0	2.4	2.4	1.8	1.4	2.3	3.5	6.3	6.0	9.4	9.0	5.9	3.7	4.1	6.0	6.0	4.0	3.9	4.3	3.8	3.9	9.4	1.0
25	1.9	2.6	2.3	2.4	2.1	1.7	3.5	4.9	3.5	3.3	3.6	2.9	2.1	2.1	2.3	2.1	1.6	1.0	0.4	0.7	0.9	1.2	1.1	1.1	2.1	4.9	0.4
26	1.2	1.2	1.6	1.7	1.9	2.1	2.2	2.7	4.2	4.5	5.1	5.3	6.5	6.0	6.2	5.1	4.8	4.8	6.8	4.4	4.0	3.6	4.8	6.6	4.0	6.8	1.2
27	6.9	5.5	7.8	8.5	7.1	8.3	8.3	8.8	8.8	6.9	6.3	5.5	6.9	5.9	6.2	4.5	3.4	2.8	2.7	2.6	2.5	2.1	2.1	2.1	5.5	8.8	2.1
28	1.8	3.2	3.5	3.2	3.0	2.4	2.4	2.6	4.0	3.2	3.2	3.2	3.1	2.7	2.7	2.7	2.2	1.4	1.8	1.5	2.7	2.6	2.4	3.2	2.7	4.0	1.4
29	3.0	2.8	3.1	3.9	9.0	8.3	9.0	6.7	4.9	5.7	7.2	8.3	7.3	7.1	7.4	7.6	6.5	5.8	5.5	4.4	6.0	6.7	7.7	6.1	6.2	9.0	2.8
30	6.4	7.3	7.2	4.9	5.2	4.2	4.1	4.0	4.4	5.1	6.5	6.2	5.1	4.3	2.3	2.6	2.4	2.3	2.1	2.2	2.0	2.2	2.0	1.8	4.0	7.3	1.8
31	3.5	5.6	3.9	5.0	5.3	5.3	4.2	4.3	3.6	3.5	4.0	2.0	2.4	3.4	3.0	2.3	3.6	1.6	0.8	0.2	0.6	0.6	0.4	0.9	2.9	5.6	0.2
Avg	3.1	3.5	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.5	4.0	4.1	4.1	3.9	3.7	3.2	2.9	2.7	2.5	2.2	2.5	2.8	3.0	3.0	3.2	--	--
Max	10.5	11.2	11.0	10.4	10.5	10.8	10.6	9.9	10.0	10.1	10.4	11.3	10.1	9.4	9.0	8.9	7.3	7.0	8.4	8.2	9.5	10.0	10.5	10.1	--	11.3	--
Min	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.4	0.5	1.2	1.7	1.4	1.1	0.9	1.3	1.3	0.6	0.4	0.2	0.3	0.2	0.3	0.1	--	--	0.1

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, BP_mmHg"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	686	686	686	686	686	686	687	687	687	687	687	687	686	685	685	685	685	685	685	685	685	685	685	685	686	687	685
2	685	685	685	685	685	685	685	686	686	686	686	685	685	684	684	684	684	684	683	683	683	683	683	683	685	686	683
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12	686	686	686	685	686	686	686	686	687	687	687	686	685	685	684	684	684	684	684	685	685	685	685	685	685	687	684
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19	684	684	684	684	685	685	685	686	686	686	686	686	685	685	684	684	685	685	685	685	686	686	686	685	685	686	684
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21	687	687	687	686	686	686	687	687	687	687	687	686	686	685	685	684	684	684	684	684	684	685	685	685	686	687	684
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23	686	686	686	686	686	686	687	687	688	688	688	688	687	687	687	686	686	686	687	687	687	687	687	687	687	688	686
24	687	687	687	687	687	688	688	688	689	689	689	688	688	687	687	687	686	686	687	687	687	687	687	687	687	689	686
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26	687	687	687	687	687	687	687	688	688	688	688	688	687	686	686	685	685	685	685	686	686	686	686	686	687	688	685
27	686	686	686	686	686	686	687	687	687	687	687	687	686	685	685	685	685	685	685	685	685	685	684	684	686	687	684
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31	686	685	685	685	685	685	685	685	686	686	686	685	684	684	683	683	683	683	683	683	683	683	684	684	684	686	683
Avg	685	685	685	685	685	685	685	686	686	686	686	686	685	685	684	684	684	684	684	684	685	685	685	685	685	--	--
Max	687	687	687	687	687	688	688	688	689	689	689	688	688	687	687	687	686	686	687	687	687	687	687	687	--	689	--
Min	682	682	682	681	682	682	682	683	683	683	683	683	682	682	682	682	681	681	681	682	682	682	682	682	--	--	681

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, BP_mmHg"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	684	684	684	683	683	684	684	684	684	685	684	684	684	683	683	683	683	683	683	683	683	684	684	684	684	685	683
2	684	684	684	684	684	684	684	685	685	685	685	685	684	684	684	684	684	684	685	685	686	686	686	686	685	686	684
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9	690	690	690	689	690	690	690	690	690	690	690	689	688	688	688	688	687	688	688	688	689	689	689	689	689	690	687
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Avg	686	686	686	686	686	686	687	687	687	687	687	687	686	686	685	685	685	686	686	686	686	686	686	686	686	--	--
Max	690	690	690	689	690	690	690	690	690	690	690	690	689	689	688	689	688	689	689	689	689	690	690	690	--	690	--
Min	680	680	680	680	680	681	681	682	682	683	683	683	682	681	680	680	680	680	680	680	680	680	680	680	--	--	680

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, BP_mmHg"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	684	684	684	684	683	684	684	684	684	684	684	683	683	682	682	682	682	682	682	682	683	682	682	682	683	684	682
2	682	682	681	681	681	681	682	682	682	683	683	682	682	682	682	682	682	682	683	682	682	682	681	681	682	683	681
3	681	682	682	682	682	682	682	683	683	684	684	683	683	683	683	683	683	683	684	684	684	685	685	685	683	685	681
4	685	685	685	685	685	685	685	686	686	686	686	686	685	685	685	684	684	684	685	685	685	685	685	684	685	686	684
5	684	684	683	683	683	683	683	683	683	684	684	684	683	683	682	682	682	683	683	683	683	683	683	683	683	684	682
6	683	683	683	683	683	683	683	683	684	684	684	684	683	682	682	682	682	682	682	682	683	683	683	683	683	684	682
7	683	683	683	684	684	684	684	685	685	686	686	685	685	685	685	685	686	686	686	686	687	687	687	687	685	687	683
8	687	687	687	688	688	688	688	689	689	690	690	690	689	689	689	689	689	689	689	689	690	690	690	690	689	690	687
9	690	690	690	690	690	690	690	691	691	691	691	691	690	689	689	688	688	688	688	688	688	688	689	689	689	691	688
10	688	688	688	688	688	688	688	688	688	689	689	688	687	686	686	686	686	686	686	686	687	687	687	687	687	689	686
11	686	686	686	686	686	686	686	686	687	687	688	687	686	686	685	685	686	686	686	686	686	686	686	686	686	688	685
12	686	686	686	686	685	685	686	686	686	687	687	687	686	685	685	685	685	685	686	686	686	686	686	687	686	687	685
13	686	686	686	686	686	686	687	687	688	688	688	688	687	687	686	686	686	686	687	687	687	687	687	688	687	688	686
14	688	687	687	687	687	687	688	688	688	689	689	688	688	687	687	687	687	687	687	687	687	688	688	687	688	689	687
15	687	687	687	687	687	687	686	687	687	687	687	686	686	685	685	685	685	684	684	684	684	684	685	685	686	687	684
16	684	685	685	684	683	683	683	683	683	684	684	683	682	681	681	680	680	680	679	679	679	679	679	678	682	685	678
17	678	677	677	678	679	680	681	682	683	685	685	685	685	685	685	686	686	686	687	687	687	687	687	687	684	687	677
18	687	687	687	687	687	687	687	688	688	688	688	688	687	687	687	687	687	687	688	688	688	689	689	689	688	689	687
19	689	689	689	689	689	690	690	690	691	691	692	691	691	690	690	690	690	690	690	690	691	691	691	691	690	692	689
20	692	691	691	691	691	691	691	692	692	692	692	691	691	690	689	689	689	689	689	689	689	689	689	689	690	692	689
21	689	689	689	689	689	689	689	689	689	689	689	689	688	688	687	687	687	687	687	687	687	687	688	687	688	689	687
22	686	685	685	685	685	685	684	685	685	685	684	684	684	683	684	684	684	685	685	686	686	686	687	687	685	687	683
23	687	687	687	686	686	686	687	687	687	687	687	687	687	--	--	--	--	--	--	--	--	--	--	--	687	687	686
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	686	686	686	686	686	686	686	686	686	687	687	687	686	685	685	685	685	685	686	686	686	686	686	686	686	--	--
Max	692	691	691	691	691	691	691	692	692	692	692	691	691	690	690	690	690	690	690	690	691	691	691	691	--	692	--
Min	678	677	677	678	679	680	681	682	682	683	683	682	682	681	681	680	680	680	679	679	679	679	679	678	--	--	677

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, DeltaTemp_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.64	0.66	0.43	0.50	0.44	0.51	0.78	-0.25	-1.08	-1.02	-1.20	-1.24	-0.62	-0.90	-1.25	-0.98	-0.94	-0.44	0.35	1.45	0.66	0.53	0.62	0.64	-0.07	1.45	-1.25
2	0.99	1.07	0.90	0.72	0.87	0.62	0.67	0.41	-0.70	-0.80	-1.08	-1.59	-0.93	-0.50	-0.59	-0.48	-0.20	0.27	0.22	0.17	0.07	0.12	-0.13	0.04	0.01	1.07	-1.59
3	0.11	0.41	0.37	0.47	0.62	0.91	0.97	-0.20	-0.80	-1.32	-1.17	-0.97	-1.24	-0.94	-0.88	-0.88	-0.68	-0.33	0.10	0.51	0.85	1.57	1.53	2.13	0.05	2.13	-1.32
4	1.03	1.24	1.55	1.16	0.91	0.62	0.60	0.01	-0.70	-1.08	-1.82	-1.66	-1.05	-1.00	-1.06	-1.28	-0.70	-0.40	0.36	0.84	0.69	0.96	1.37	0.89	0.06	1.55	-1.82
5	1.20	1.39	1.20	0.61	0.60	0.48	0.41	-0.18	-1.29	-1.61	-1.84	-1.74	-1.91	-1.37	-1.31	-0.90	-0.77	-0.29	0.20	0.78	1.05	1.35	1.40	1.36	-0.05	1.40	-1.91
6	1.62	1.33	1.38	0.77	0.83	0.66	0.58	-0.01	-1.27	-0.89	-1.32	-1.44	-1.34	-1.19	-1.39	-1.12	-0.71	-0.39	-0.01	0.47	1.04	1.28	0.65	0.58	0.01	1.62	-1.44
7	0.75	0.58	0.76	0.92	1.07	1.06	1.30	0.47	-0.40	-0.85	-1.22	-1.62	-1.58	-1.41	-1.32	-1.14	-0.74	-0.08	0.15	0.28	0.19	0.15	0.09	0.06	-0.11	1.30	-1.62
8	0.02	0.05	0.02	0.07	0.01	-0.02	0.01	-0.16	-0.64	-0.90	-1.46	-1.77	-1.84	-2.24	-2.06	-1.52	-1.18	-0.54	-0.02	0.43	0.42	0.45	0.39	0.16	-0.51	0.45	-2.24
9	0.17	0.18	0.14	0.13	0.13	0.11	0.10	-0.02	-0.50	-0.76	-1.05	-1.35	-1.55	-1.26	-1.18	-0.73	-0.67	-0.26	0.41	1.15	0.70	0.83	0.42	0.23	-0.19	1.15	-1.55
10	0.27	0.15	0.21	0.15	0.14	0.15	0.20	-0.04	-0.50	-1.09	-1.42	-1.95	-1.96	-1.36	-1.31	-1.35	-0.80	-0.27	0.95	1.46	0.58	0.62	0.78	0.86	-0.23	1.46	-1.96
11	2.16	2.00	1.84	1.34	1.30	0.77	0.53	0.14	-0.98	-1.20	-1.74	-1.91	-1.71	-0.95	-0.85	-1.19	-0.50	-0.16	0.70	2.08	1.68	2.01	1.50	1.78	0.36	2.16	-1.91
12	1.92	1.69	1.33	0.78	0.75	0.70	0.98	0.26	-0.91	-1.10	-1.40	-1.37	-1.28	-1.14	-0.62	-0.49	-0.54	-0.09	0.80	1.72	1.63	1.27	1.46	2.14	0.35	2.14	-1.40
13	2.23	2.08	2.08	2.29	2.13	1.84	1.72	1.26	-0.89	-0.97	-1.13	-1.27	-1.35	-1.06	-1.18	-1.06	-0.59	-0.12	0.46	1.69	1.92	1.34	0.93	1.20	0.57	2.29	-1.35
14	2.21	2.08	2.11	1.09	0.74	0.78	0.83	0.21	-0.92	-1.02	-1.39	-1.11	-1.38	-1.18	-0.74	-0.90	-0.49	-0.12	1.06	1.97	1.79	1.74	1.74	1.72	0.45	2.21	-1.39
15	2.33	2.42	2.49	2.06	1.25	0.89	0.65	0.30	-0.83	-1.40	-1.46	-1.60	-1.87	-1.19	-0.87	-0.81	-0.57	-0.07	0.49	0.89	1.22	1.55	1.97	1.69	0.40	2.49	-1.87
16	2.33	1.98	2.42	1.64	2.10	1.54	1.12	0.56	-0.91	-1.43	-1.64	-1.53	-1.85	-1.06	-0.87	-0.90	-0.56	-0.07	0.36	0.95	1.42	1.04	1.28	1.61	0.40	2.42	-1.85
17	1.87	2.52	1.99	2.11	1.30	0.77	1.43	0.62	-0.59	-1.46	-2.00	-1.54	-0.83	-1.08	-0.70	-0.74	-0.45	-0.11	0.54	1.12	1.43	1.34	1.48	1.63	0.44	2.52	-2.00
18	1.83	1.66	1.99	1.89	1.67	1.88	1.54	0.62	-0.52	-0.93	-1.41	-1.86	-1.28	-1.01	-0.74	-0.78	-0.69	-0.08	0.45	0.85	1.27	1.48	1.43	1.51	0.45	1.99	-1.86
19	1.86	1.79	2.05	1.78	1.49	1.72	0.72	0.19	-0.75	-0.76	-1.79	-1.52	-1.57	-1.08	-1.13	-0.77	-0.49	-0.11	0.34	0.80	0.81	0.66	0.30	0.27	0.20	2.05	-1.79
20	0.29	0.34	0.50	0.42	0.66	0.46	0.37	0.12	-0.41	-0.85	-1.10	-1.40	-1.39	-1.40	-1.31	-0.90	-0.43	-0.02	0.05	0.15	0.19	0.22	0.10	0.11	-0.22	0.66	-1.40
21	0.12	0.09	0.08	0.11	0.10	0.12	0.11	0.02	-0.51	-0.89	-1.33	-1.66	-1.73	-1.60	-1.29	-1.02	-0.73	-0.16	0.37	0.50	0.57	0.50	0.36	0.25	-0.32	0.57	-1.73
22	0.12	0.19	0.12	0.15	0.14	0.12	0.26	0.08	-0.35	-0.71	-1.22	-1.65	-1.56	-1.45	-1.11	-0.93	-0.51	-0.07	0.85	1.44	1.70	1.78	2.01	2.27	0.07	2.27	-1.65
23	2.03	2.15	1.89	1.31	1.10	0.70	0.62	0.46	-0.97	-0.95	-0.96	-0.88	-1.15	-0.69	-0.88	-0.82	-0.48	0.02	0.73	1.13	1.49	1.31	0.81	1.30	0.39	2.15	-1.15
24	1.55	0.86	0.77	1.22	1.62	1.45	0.95	0.19	-0.68	-1.29	-1.31	-1.45	-1.11	-1.06	-0.65	-0.39	-0.19	0.01	0.27	0.55	0.14	0.07	0.07	0.25	0.08	1.62	-1.45
25	0.60	0.28	0.48	0.93	0.56	0.48	0.30	0.01	-0.97	-1.21	-1.26	-1.53	-1.37	-1.29	-0.81	-0.72	-0.52	-0.20	0.07	0.70	0.51	0.40	0.44	0.46	-0.15	0.93	-1.53
26	0.48	0.54	0.48	0.37	0.41	0.35	0.19	0.50	-0.30	-0.53	-1.32	-1.86	-1.51	-1.48	-1.44	-1.05	-0.48	0.41	0.68	0.48	0.58	0.34	0.30	0.24	-0.15	0.68	-1.86
27	0.29	0.25	0.30	0.17	0.20	0.17	0.19	0.02	-0.50	-0.76	-0.92	-1.21	-1.26	-1.08	-1.21	-0.75	-0.41	0.13	0.18	0.27	0.21	0.26	0.18	0.15	-0.21	0.30	-1.26
28	0.23	0.34	0.15	0.16	0.22	0.17	0.09	0.01	-0.41	-0.62	-1.31	-1.89	-1.85	-1.14	-0.93	-0.65	-0.58	-0.03	0.57	1.76	1.61	1.10	1.35	2.09	0.02	2.09	-1.89
29	1.43	1.35	1.75	1.55	1.20	1.17	0.64	0.40	-1.02	-1.23	-1.49	-1.74	-1.26	-1.28	-1.04	-0.75	-0.58	-0.08	0.30	0.64	0.53	0.50	0.61	0.69	0.10	1.75	-1.74
30	0.49	0.62	0.57	0.81	0.53	0.48	0.48	0.08	-0.71	-0.63	-0.67	-2.11	-1.81	-1.22	-1.02	-0.74	-0.36	0.03	0.72	0.42	0.87	0.97	1.77	1.77	0.06	1.77	-2.11
31	1.14	0.83	1.08	1.59	1.89	1.08	1.13	1.02	-0.14	-0.90	-1.18	-1.46	-1.50	-1.51	-1.46	-0.70	-0.40	-0.10	0.00	0.17	0.51	0.44	0.21	0.00	0.07	1.89	-1.51
Avg	1.11	1.07	1.08	0.94	0.87	0.73	0.66	0.23	-0.71	-1.00	-1.34	-1.54	-1.44	-1.20	-1.07	-0.89	-0.58	-0.12	0.41	0.90	0.91	0.91	0.89	0.97	0.07	--	--
Max	2.33	2.52	2.49	2.29	2.13	1.88	1.72	1.26	-0.14	-0.53	-0.67	-0.88	-0.62	-0.50	-0.59	-0.39	-0.19	0.41	1.06	2.08	1.92	2.01	2.01	2.27	--	2.52	--
Min	0.02	0.05	0.02	0.07	0.01	-0.02	0.01	-0.25	-1.29	-1.61	-2.00	-2.11	-1.96	-2.24	-2.06	-1.52	-1.18	-0.54	-0.02	0.15	0.07	0.07	-0.13	0.00	--	--	-2.24

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, DeltaTemp_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.00	-0.10	0.10	0.57	0.42	0.64	0.69	0.43	-0.48	-0.89	-1.04	-1.26	-1.34	-1.74	-1.27	-1.07	-0.55	-0.16	0.09	0.30	0.50	0.56	0.61	0.86	-0.17	0.86	-1.74
2	0.80	0.91	0.71	1.26	0.84	0.79	0.70	0.37	-0.45	-0.83	-1.13	-1.77	-1.86	-1.76	-1.62	-1.34	-0.48	-0.20	0.09	0.30	0.45	0.66	0.22	0.10	-0.14	1.26	-1.86
3	0.10	0.50	0.25	0.14	0.79	0.70	0.54	0.36	-0.19	-0.51	-0.94	-1.09	-1.18	-0.93	-0.82	-0.43	-0.32	-0.24	-0.01	-0.03	-0.04	0.49	0.32	0.25	-0.10	0.79	-1.18
4	0.13	0.13	0.11	0.17	0.69	0.29	0.35	0.18	0.22	0.23	0.10	-0.52	-0.80	-1.27	-1.00	-0.48	-0.52	0.00	0.35	0.93	0.76	0.63	0.58	1.19	0.10	1.19	-1.27
5	0.72	0.91	0.74	0.71	1.21	0.69	0.58	0.75	-0.19	-0.55	-0.52	-1.13	-0.70	-0.72	-0.69	-0.66	-0.36	-0.02	0.11	0.73	1.09	0.93	1.08	1.23	0.25	1.23	-1.13
6	1.37	1.46	1.98	0.80	0.99	2.14	1.13	0.80	-0.62	-0.58	-0.91	-0.64	-0.69	-0.66	-0.64	-0.72	-0.41	-0.06	0.62	1.56	1.24	1.26	1.01	0.99	0.48	2.14	-0.91
7	1.76	1.93	0.49	1.21	1.10	1.32	1.18	1.14	-0.19	-0.36	-0.69	-0.99	-0.89	-0.64	-0.57	-0.48	-0.31	0.04	0.94	1.44	0.63	0.76	0.55	0.44	0.41	1.93	-0.99
8	0.28	0.20	0.22	0.19	0.16	0.17	0.19	0.13	-0.48	-0.56	-0.93	-1.28	-1.05	-0.86	-0.70	-0.44	-0.14	0.11	0.33	0.40	0.27	0.28	0.29	0.21	-0.13	0.40	-1.28
9	0.20	0.23	0.23	0.21	0.24	0.25	0.28	0.15	-0.53	-0.61	-1.00	-0.92	-1.04	-0.66	-0.69	-0.49	-0.26	0.06	0.35	1.15	0.74	1.02	1.04	1.12	0.04	1.15	-1.04
10	0.80	0.38	0.27	0.28	0.17	0.16	0.16	0.17	-0.74	-0.84	-1.22	-1.29	-0.82	-1.06	-0.93	-0.70	-0.41	0.00	0.09	0.12	0.20	0.22	0.21	0.17	-0.19	0.80	-1.29
11	0.17	0.13	0.15	0.20	0.25	0.15	0.15	0.09	-0.55	-0.64	-1.08	-1.28	-1.25	-1.31	-1.22	-1.01	-0.40	0.13	0.19	0.14	0.24	0.21	0.38	0.67	-0.23	0.67	-1.31
12	0.42	0.27	0.45	0.31	0.42	0.23	0.36	0.23	-0.54	-0.68	-1.20	-1.47	-1.47	-1.10	-0.97	-0.81	-0.29	0.17	0.15	0.45	0.90	0.85	0.62	1.10	-0.07	1.10	-1.47
13	0.56	0.45	0.56	0.88	1.30	0.74	0.19	0.23	-0.42	-0.65	-1.10	-1.30	-1.42	-1.06	-0.73	-0.97	-0.42	0.00	0.34	1.39	1.59	1.26	1.66	1.81	0.20	1.81	-1.42
14	1.61	1.48	1.06	2.31	1.35	0.44	0.56	0.83	-0.54	-0.79	-1.37	-1.21	-1.50	-1.20	-0.93	-0.79	-0.30	0.20	1.31	1.61	0.80	1.48	1.59	2.11	0.42	2.31	-1.50
15	1.17	1.26	1.75	1.22	0.83	0.88	1.10	1.46	-0.32	-0.79	-1.35	-1.12	-1.09	-0.81	-0.80	-0.68	-0.35	0.45	1.46	1.63	0.49	0.73	1.29	1.76	0.42	1.76	-1.35
16	1.37	2.15	1.27	0.60	0.62	0.46	0.61	0.48	-0.38	-0.86	-1.54	-1.66	-1.53	-1.04	-0.95	-0.46	0.01	0.39	1.67	1.03	1.63	1.69	1.16	0.78	0.31	2.15	-1.66
17	0.80	1.37	0.94	0.59	0.34	0.29	0.78	0.31	-0.36	-0.50	-0.74	-1.14	-1.01	-0.74	-0.74	-0.72	-0.44	-0.07	0.29	0.80	0.95	0.79	0.93	0.91	0.15	1.37	-1.14
18	0.79	0.58	0.95	1.77	1.44	1.00	0.80	0.50	-0.40	-0.73	-0.85	-1.05	-1.21	-1.17	-0.86	-0.59	-0.17	0.09	0.12	0.14	0.17	0.15	0.13	0.14	0.07	1.77	-1.21
19	0.09	0.09	0.08	0.09	0.12	0.10	0.10	0.06	-0.30	-0.46	-0.73	-0.93	-0.90	-0.85	-0.65	-0.41	-0.08	0.08	0.07	0.03	0.09	0.05	0.03	0.08	-0.17	0.12	-0.93
20	0.14	0.08	0.06	0.08	0.07	0.03	0.02	-0.02	-0.10	-0.24	-0.29	-0.35	-0.32	-0.32	-0.36	-0.25	-0.12	0.09	0.18	0.07	0.09	0.06	0.09	0.11	-0.05	0.18	-0.36
21	0.19	0.06	0.03	0.52	0.43	0.43	0.26	0.32	0.01	-0.14	-0.19	-0.35	-0.66	-0.24	-0.35	-0.24	-0.13	-0.06	-0.03	0.01	0.53	0.96	1.53	1.34	0.18	1.53	-0.66
22	0.99	0.66	0.99	1.02	0.90	1.27	1.52	1.03	-0.18	-0.64	-0.70	-0.74	-0.78	-0.92	-0.82	-0.69	-0.40	-0.13	0.17	0.87	0.61	0.61	0.74	0.60	0.25	1.52	-0.92
23	0.83	0.45	0.36	0.27	0.14	0.11	0.11	0.11	-0.20	-0.39	-0.84	-1.12	-1.25	-1.31	-1.03	-0.78	-0.37	0.18	0.71	0.71	0.68	1.21	1.29	1.39	0.05	1.39	-1.31
24	1.59	0.81	0.41	0.77	0.45	0.44	0.29	0.24	-0.16	-0.53	-0.80	-0.99	-0.93	-0.82	-0.79	-0.54	-0.12	0.17	0.31	0.43	0.47	0.47	0.30	0.28	0.07	1.59	-0.99
25	0.16	0.13	0.15	0.10	0.14	0.10	0.11	0.13	-0.12	-0.36	-0.74	-0.94	-1.05	-0.91	-0.75	-0.48	-0.11	0.07	0.10	0.08	0.10	0.09	0.09	0.10	-0.16	0.16	-1.05
26	0.11	0.08	0.06	0.05	0.04	0.06	0.03	-0.02	-0.10	-0.21	-0.39	-0.52	-0.62	-0.38	-0.26	-0.15	0.00	0.05	0.24	0.28	0.26	0.12	0.10	0.06	-0.05	0.28	-0.62
27	0.01	-0.03	-0.21	-0.18	-0.08	0.00	0.15	0.06	-0.69	-0.63	-0.74	-1.15	-1.03	-0.96	-0.85	-0.63	-0.47	-0.29	-0.22	-0.05	-0.13	-0.30	-0.27	-0.38	-0.38	0.15	-1.15
28	-0.34	-0.43	-0.35	-0.43	-0.36	-0.25	-0.29	-0.29	-0.39	-0.74	-0.89	-1.03	-1.05	-1.10	-0.86	-0.63	-0.35	-0.22	-0.14	-0.17	-0.15	-0.22	-0.14	-0.07	-0.45	-0.07	-1.10
29	-0.08	-0.02	-0.01	0.03	0.10	0.48	0.97	0.85	-0.59	-0.68	-1.12	-0.92	-0.62	-0.81	-0.99	-0.68	-0.38	-0.15	0.25	0.92	0.70	0.61	0.77	0.59	-0.03	0.97	-1.12
30	0.46	0.41	0.44	0.33	0.35	0.39	0.32	0.39	-0.05	-0.43	-1.01	-1.25	-1.19	-0.95	-0.64	-0.56	-0.40	0.04	0.83	0.63	1.09	0.73	0.70	0.81	0.06	1.09	-1.25
Avg	0.57	0.55	0.48	0.54	0.52	0.48	0.46	0.38	-0.33	-0.55	-0.86	-1.05	-1.04	-0.94	-0.82	-0.63	-0.30	0.02	0.37	0.60	0.57	0.61	0.63	0.69	0.04	--	--
Max	1.76	2.15	1.98	2.31	1.44	2.14	1.52	1.46	0.22	0.23	0.10	-0.35	-0.32	-0.24	-0.26	-0.15	0.01	0.45	1.67	1.63	1.63	1.69	1.66	2.11	--	2.31	--
Min	-0.34	-0.43	-0.35	-0.43	-0.36	-0.25	-0.29	-0.29	-0.74	-0.89	-1.54	-1.77	-1.86	-1.76	-1.62	-1.34	-0.55	-0.29	-0.22	-0.17	-0.15	-0.30	-0.27	-0.38	--	--	-1.86

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, DeltaTemp_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.65	0.58	0.52	0.59	0.52	0.52	0.33	0.42	-0.23	-0.55	-0.71	-0.84	-1.20	-0.97	-0.58	-0.56	-0.39	0.03	0.86	1.06	0.91	0.76	1.00	0.88	0.15	1.06	-1.20
2	0.74	0.59	0.58	0.60	1.04	0.90	0.81	0.85	0.03	-0.70	-0.90	-1.50	-1.07	-0.74	-0.45	-0.32	-0.26	-0.05	0.25	0.38	0.35	0.33	0.15	0.11	0.07	1.04	-1.50
3	0.16	0.12	0.13	0.15	0.16	0.12	0.18	0.18	-0.13	-0.46	-1.04	-1.40	-0.92	-1.02	-0.85	-0.68	-0.26	0.03	0.27	0.25	0.20	0.19	0.24	0.23	-0.17	0.27	-1.40
4	0.46	0.92	0.87	0.47	0.51	0.24	0.40	0.26	-0.07	-0.68	-0.86	-0.64	-0.67	-0.85	-0.64	-0.54	-0.35	0.17	1.25	1.17	1.13	0.75	0.60	0.77	0.19	1.25	-0.86
5	0.48	0.50	0.65	0.78	0.86	0.76	0.54	0.71	-0.18	-0.98	-1.11	-1.70	-1.43	-0.73	-0.53	-0.46	-0.23	0.30	1.27	1.45	0.82	1.32	1.63	2.59	0.30	2.59	-1.70
6	2.07	1.42	1.74	1.19	0.97	1.13	0.65	0.55	0.13	-0.27	-1.18	-1.44	-1.35	-0.98	-0.82	-0.58	-0.34	-0.05	0.43	0.62	1.15	1.23	1.47	1.87	0.40	2.07	-1.44
7	1.34	0.95	1.35	1.41	1.87	0.60	0.58	0.61	-0.38	-0.73	-1.01	-1.04	-1.05	-0.74	-0.63	-0.50	-0.41	-0.07	0.10	0.84	0.73	0.75	1.62	1.24	0.31	1.87	-1.05
8	1.19	0.61	0.61	0.28	0.22	0.31	0.39	0.34	-0.42	-0.37	-1.03	-1.04	-1.22	-1.57	-0.99	-0.51	-0.34	-0.07	0.48	1.22	0.72	1.43	0.89	0.89	0.08	1.43	-1.57
9	0.27	0.09	0.08	0.09	0.18	0.18	0.15	0.11	-0.21	-0.33	-0.73	-1.29	-1.32	-1.37	-1.08	-0.65	-0.16	0.12	0.19	0.17	0.27	0.15	0.25	0.14	-0.20	0.27	-1.37
10	0.25	0.40	0.41	0.31	0.28	0.26	0.25	0.28	-0.24	-0.73	-0.71	-1.08	-1.16	-1.41	-0.75	-0.50	-0.33	0.00	0.52	0.36	0.71	0.92	0.76	0.82	-0.02	0.92	-1.41
11	1.06	1.53	1.39	0.67	1.11	1.40	0.90	0.88	0.26	-0.83	-0.91	-0.97	-1.24	-1.06	-0.73	-0.61	-0.36	0.03	0.83	1.10	0.82	0.83	1.10	0.92	0.34	1.53	-1.24
12	1.13	1.08	1.04	1.34	1.22	1.14	0.97	0.70	0.05	-1.02	-1.27	-1.14	-1.02	-0.97	-0.60	-0.54	-0.30	0.01	0.63	1.02	0.97	0.96	1.05	1.25	0.32	1.34	-1.27
13	1.67	1.61	1.44	1.13	0.67	0.93	1.24	0.63	-0.06	-1.08	-1.31	-1.42	-0.74	-0.89	-0.59	-0.49	-0.24	0.14	1.02	1.64	0.89	0.49	0.60	1.27	0.36	1.67	-1.42
14	1.08	0.50	0.50	0.81	0.70	1.20	0.68	0.35	-0.02	-0.47	-0.90	-1.46	-0.87	-1.22	-0.82	-0.79	-0.23	0.37	1.03	0.82	0.77	1.20	0.76	0.75	0.20	1.20	-1.46
15	0.66	0.53	0.67	0.50	0.56	0.47	0.49	0.59	0.03	-0.58	-0.92	-1.30	-1.36	-0.86	-0.46	-0.37	-0.01	1.38	2.14	1.76	1.55	0.84	0.70	0.42	0.31	2.14	-1.36
16	0.71	0.08	0.27	0.66	0.42	0.52	0.22	0.22	0.40	0.53	0.42	0.15	-1.11	-0.46	-0.62	-0.50	-0.02	0.18	0.50	0.29	0.20	0.17	0.14	0.09	0.14	0.71	-1.11
17	0.11	0.09	-0.14	-0.16	-0.07	-0.01	-0.01	-0.04	-0.14	-0.31	-0.54	-0.79	-0.80	-0.81	-0.61	-0.58	-0.37	-0.10	0.41	0.80	0.52	0.43	0.33	0.45	-0.10	0.80	-0.81
18	0.76	0.57	0.24	0.71	1.22	0.92	0.74	0.92	-0.01	-0.51	-0.85	-0.90	-0.79	-0.81	-0.80	-0.44	0.08	0.20	0.25	0.30	0.27	0.27	0.21	0.22	0.12	1.22	-0.90
19	0.22	0.17	0.16	0.16	0.16	0.19	0.20	0.25	0.12	-0.17	-0.63	-0.87	-0.92	-0.97	-0.77	-0.37	-0.04	0.19	0.25	0.22	0.30	0.37	0.30	0.28	-0.05	0.37	-0.97
20	0.34	0.24	0.29	0.28	0.23	0.27	0.14	0.10	0.05	-0.41	-0.80	-0.85	-0.73	-0.53	-0.55	-0.30	-0.10	0.01	0.16	0.34	0.27	0.11	0.09	0.13	-0.05	0.34	-0.85
21	0.12	0.10	0.16	0.12	0.03	0.07	0.05	0.09	0.17	0.02	-0.15	-0.21	-0.16	-0.19	-0.17	-0.08	-0.09	-0.03	-0.01	-0.02	-0.04	0.02	0.06	0.05	0.00	0.17	-0.21
22	0.36	0.24	0.35	0.31	0.14	0.19	0.21	0.09	0.23	-0.10	-0.27	-0.16	-0.15	-0.11	-0.17	-0.20	-0.26	-0.09	-0.10	-0.16	-0.21	-0.22	-0.27	-0.23	-0.02	0.36	-0.27
23	-0.27	-0.09	-0.09	-0.35	-0.18	-0.14	-0.17	-0.41	-0.36	-0.39	-0.61	-0.85	-0.50	--	--	--	--	--	--	--	--	--	--	--	-0.34	-0.09	-0.85
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	0.68	0.56	0.57	0.52	0.56	0.53	0.43	0.38	-0.04	-0.48	-0.78	-0.99	-0.95	-0.88	-0.65	-0.48	-0.23	0.12	0.58	0.71	0.61	0.60	0.62	0.69	0.11	--	--
Max	2.07	1.61	1.74	1.41	1.87	1.40	1.24	0.92	0.40	0.53	0.42	0.15	-0.15	-0.11	-0.17	-0.08	0.08	1.38	2.14	1.76	1.55	1.43	1.63	2.59	--	2.59	--
Min	-0.27	-0.09	-0.14	-0.35	-0.18	-0.14	-0.17	-0.41	-0.42	-1.08	-1.31	-1.70	-1.43	-1.57	-1.08	-0.79	-0.41	-0.10	-0.10	-0.16	-0.21	-0.22	-0.27	-0.23	--	--	-1.70

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, Precip_Inches"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Max	Min
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0.048	0.028	0	0	0	0	0	0	0.08	0.048	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.154	0	0	0	0	0.162	0.154	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0.048	0.028	0.008	0.154	0	0	0	0	0.242	--	--
Max	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0.048	0.028	0.008	0.154	0	0	0	0	--	0.154	--
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, Precip_Inches"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Max	Min
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0	0	0	0.028	0.028	0
3	0.004	0.012	0	0	0.02	0.13	0	0	0	0	0	0	0	0	0	0	0	0.047	0.008	0.083	0	0	0.004	0	0.308	0.13	0
4	0	0	0	0	0.063	0.004	0.035	0.016	0.382	0.252	0.087	0	0	0	0	0	0	0	0	0	0	0	0	0	0.839	0.382	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0.016	0.016	0.012	0.008	0	0.004	0	0.036	0	0	0.02	0	0	0	0	0	0	0	0	0	0	0.112	0.036	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.095	0.16	0.044	0	0.303	0.16	0
28	0	0.008	0.012	0.004	0.004	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.032	0.012	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.004	0.02	0.012	0.02	0.103	0.146	0.043	0.016	0.39	0.252	0.123	0	0	0.02	0	0	0	0.047	0.008	0.087	0.123	0.16	0.048	0	1.62	--	--
Max	0.004	0.012	0.012	0.016	0.063	0.13	0.035	0.016	0.382	0.252	0.087	0	0	0.02	0	0	0	0.047	0.008	0.083	0.095	0.16	0.044	0	--	0.382	--
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, Precip_Inches"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Max	Min
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0.016	0.068	0.08	0.008	0.008	0	0	0	0	0.056	0.012	0	0	0	0	0	0	0.008	0	0	0	0	0	0	0.256	0.08	0
17	0.008	0.055	0.383	0.024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.47	0.383	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0.028	0.004	0	0	0.004	0.004	0	0	0	0	0	0	0	0	0	0.004	0.145	0.189	0.145	0
22	0.068	0.04	0.055	0.083	0.087	0.051	0.06	0.047	0.036	0.024	0	0.477	0.331	0.103	0.02	0	0.004	0	0	0	0	0	0	0	1.49	0.477	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	--	--	--	--	--	--	--	--	--	0	0	0
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	0.092	0.163	0.518	0.115	0.095	0.051	0.06	0.075	0.04	0.08	0.012	0.481	0.335	0.103	0.02	0	0.004	0.008	0	0	0	0	0.004	0.145	2.4	--	--
Max	0.068	0.068	0.383	0.083	0.087	0.051	0.06	0.047	0.036	0.056	0.012	0.477	0.331	0.103	0.02	0	0.004	0.008	0	0	0	0	0.004	0.145	--	0.477	--
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, RH_Percent"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	49	55	56	47	45	44	48	41	40	35	33	32	32	24	22	22	20	20	25	28	27	28	25	26	34	56	20
2	32	35	35	37	45	44	47	49	38	34	34	28	32	41	44	47	61	81	71	68	66	65	75	70	49	81	28
3	67	68	64	62	60	57	56	51	44	45	43	39	22	13	12	16	16	12	15	19	20	20	25	24	36	68	12
4	19	21	21	22	22	20	21	19	18	13	12	12	12	11	11	13	14	14	19	21	23	26	26	25	18	26	11
5	27	26	27	24	22	21	23	22	20	19	18	17	16	16	15	16	16	18	20	23	27	28	30	32	22	32	15
6	33	35	38	40	45	49	53	50	40	35	32	30	26	23	21	20	21	22	25	28	31	32	31	31	33	53	20
7	31	30	30	32	30	29	30	28	24	20	18	17	16	16	17	17	17	17	17	17	18	19	20	21	22	32	16
8	22	25	29	32	36	39	39	40	38	35	31	29	27	26	25	24	24	25	30	50	45	45	40	42	33	50	22
9	47	46	45	44	47	47	48	47	44	41	39	37	33	30	25	21	19	20	24	27	32	37	37	38	36	48	19
10	38	40	40	38	41	42	43	42	36	32	27	20	17	17	16	15	13	15	19	22	21	21	22	23	28	43	13
11	26	27	25	27	28	26	26	25	23	20	17	17	13	14	16	15	14	13	16	20	22	23	24	25	21	28	13
12	27	26	24	20	19	21	22	19	17	14	11	11	10	8	9	10	10	11	14	15	17	18	19	21	16	27	8
13	19	19	19	19	18	19	22	22	17	12	12	13	11	11	10	10	11	12	14	16	19	18	16	18	16	22	10
14	18	19	19	17	15	18	17	16	15	13	11	11	10	10	10	9	9	9	12	14	14	15	16	16	14	19	9
15	17	18	17	17	17	16	15	16	15	13	11	11	10	10	11	11	11	13	14	15	17	19	20	21	15	21	10
16	19	21	21	21	22	23	21	22	19	16	15	14	15	16	15	16	16	18	20	22	24	25	26	27	20	27	14
17	27	27	28	29	29	30	34	31	26	22	16	17	17	15	15	16	17	18	21	24	26	26	27	29	24	34	15
18	30	31	31	33	34	35	37	34	28	22	19	17	17	15	16	17	17	20	23	26	29	31	31	33	26	37	15
19	34	35	36	36	34	34	31	30	27	20	17	14	12	11	9	13	14	15	18	21	22	18	10	7	22	36	7
20	6	6	7	8	10	10	10	9	9	9	9	9	9	9	10	11	13	16	18	19	20	20	22	22	12	22	6
21	24	24	24	22	23	23	24	24	22	21	20	19	18	17	16	15	15	17	18	19	20	19	19	20	20	24	15
22	21	21	22	23	23	24	25	24	22	21	19	16	14	14	14	14	15	17	19	21	23	25	26	26	20	26	14
23	26	28	27	26	25	25	24	25	22	19	17	16	15	15	14	14	14	17	19	21	22	23	24	28	21	28	14
24	30	30	30	33	34	36	34	29	26	24	22	22	24	24	25	25	27	29	30	31	42	40	45	46	31	46	22
25	43	51	48	48	48	47	48	48	41	36	33	29	29	28	27	26	25	28	30	32	33	33	32	33	37	51	25
26	34	34	35	35	38	37	37	38	31	28	26	21	17	16	16	17	16	17	19	23	23	22	22	22	26	38	16
27	21	21	22	22	22	22	22	22	20	19	18	17	15	15	15	15	15	17	18	19	18	18	19	18	19	22	15
28	18	19	18	19	19	19	20	20	19	18	16	15	16	16	17	18	19	21	23	25	25	28	30	33	20	33	15
29	31	31	32	31	29	30	29	29	24	23	20	18	17	17	16	16	17	19	21	22	22	23	23	24	24	32	16
30	24	25	25	27	25	28	26	26	23	21	18	16	17	18	20	20	22	23	25	25	28	29	31	32	24	32	16
31	31	33	31	32	34	34	37	37	34	28	27	26	25	26	28	31	34	40	41	42	43	45	48	50	35	50	25
Avg	29	30	30	30	30	31	31	30	26	24	21	20	18	17	17	18	18	20	23	25	26	27	28	28	25	--	--
Max	67	68	64	62	60	57	56	51	44	45	43	39	33	41	44	47	61	81	71	68	66	65	75	70	--	81	--
Min	6	6	7	8	10	10	10	9	9	9	9	9	9	8	9	9	9	9	12	14	14	15	10	7	--	--	6

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, RH_Percent"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	54	52	51	52	54	51	51	48	39	32	36	36	32	30	27	28	30	33	35	36	37	40	40	43	40	54	27
2	45	42	43	44	41	41	41	41	36	32	30	27	24	21	19	18	23	29	32	34	40	40	37	38	34	45	18
3	36	40	38	40	52	55	54	40	38	37	39	39	39	39	40	40	52	81	87	86	90	62	45	37	50	90	36
4	46	46	47	52	58	57	61	69	71	68	64	45	43	44	42	40	46	59	63	70	75	66	66	73	57	75	40
5	68	68	65	64	68	63	63	64	59	50	43	36	35	43	42	41	43	48	50	56	66	63	67	67	55	68	35
6	66	64	63	57	59	64	61	57	47	46	39	39	41	41	40	38	39	43	49	56	56	57	58	51	51	66	38
7	56	54	47	52	51	57	57	59	51	46	36	31	33	34	34	34	35	39	44	47	43	36	35	28	43	59	28
8	26	26	25	27	26	28	29	30	27	24	22	21	20	19	17	15	18	21	22	22	23	25	26	25	24	30	15
9	26	26	24	23	24	26	29	32	27	24	22	19	17	16	15	11	12	14	17	23	24	26	27	27	22	32	11
10	26	26	25	26	29	31	34	35	34	32	31	28	27	25	25	25	26	29	30	31	32	34	37	39	30	39	25
11	40	41	42	43	41	39	40	41	37	35	31	30	28	26	25	24	24	28	31	31	32	31	31	34	33	43	24
12	33	32	33	35	35	32	34	34	34	33	31	27	25	25	24	24	23	24	27	30	31	32	31	33	30	35	23
13	32	32	34	37	40	37	34	33	31	30	29	25	19	15	16	20	22	26	29	33	36	35	33	33	30	40	15
14	33	29	28	32	27	23	24	26	22	22	19	16	13	11	13	14	17	21	25	27	26	26	24	24	23	33	11
15	22	23	21	17	17	17	20	21	15	15	16	16	16	14	13	12	12	17	21	22	18	19	20	20	18	23	12
16	22	21	22	19	20	21	19	19	18	17	16	13	13	14	14	14	15	17	20	17	18	18	17	17	18	22	13
17	18	21	23	24	26	32	38	38	31	29	24	15	14	16	16	12	11	13	14	16	17	19	19	20	21	38	11
18	19	18	19	18	19	14	14	11	7	8	7	7	7	8	8	7	8	8	9	11	11	11	12	12	12	19	7
19	13	14	14	14	14	15	16	17	17	16	15	14	14	13	13	14	14	16	16	16	16	16	16	17	15	17	13
20	17	18	18	18	19	19	20	20	19	19	19	19	19	19	19	20	22	24	25	26	27	32	33	37	22	37	17
21	38	48	50	60	63	62	61	66	70	70	83	83	65	79	69	59	57	60	63	70	74	76	79	79	66	83	38
22	74	74	75	73	74	74	74	73	60	49	47	46	44	42	43	43	44	48	49	54	55	57	59	49	57	75	42
23	48	38	33	36	37	39	40	39	35	33	30	26	23	20	20	19	21	25	30	34	33	35	37	36	32	48	19
24	38	38	40	40	33	13	6	5	7	7	4	5	9	8	7	7	8	10	11	12	12	12	12	11	15	40	4
25	10	11	10	11	11	13	13	12	12	12	13	14	14	14	15	15	16	17	17	18	19	20	21	22	15	22	10
26	23	23	24	25	26	27	28	28	29	30	30	30	28	29	30	31	33	35	38	36	31	26	27	27	29	38	23
27	32	42	57	56	58	59	60	61	56	54	51	46	44	43	43	43	44	46	49	67	77	85	88	88	56	88	32
28	86	90	93	94	93	93	94	92	89	81	73	65	58	50	49	49	45	43	42	47	57	58	59	62	69	94	42
29	63	65	70	72	76	80	83	81	68	62	55	46	28	34	33	34	36	37	40	51	53	53	50	48	55	83	28
30	43	39	34	30	31	31	36	36	36	28	24	23	22	22	22	23	23	30	37	33	35	26	26	27	30	43	22
Avg	38	39	39	40	41	40	41	41	38	35	33	30	27	27	26	26	27	31	34	37	39	38	38	37	35	--	--
Max	86	90	93	94	93	93	94	92	89	81	83	83	65	79	69	59	57	81	87	86	90	85	88	88	--	94	--
Min	10	11	10	11	11	13	6	5	7	7	4	5	7	8	7	7	8	8	9	11	11	11	12	11	--	--	4

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, RH_Percent"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	29	30	30	29	29	30	29	33	30	32	27	20	16	19	21	21	21	26	34	36	39	40	41	36	29	41	16
2	34	32	28	29	36	37	41	39	35	29	24	21	19	20	25	28	28	31	33	35	37	31	23	23	30	41	19
3	22	24	25	27	29	30	34	36	34	30	28	27	26	25	26	25	24	25	26	27	29	28	26	24	27	36	22
4	24	28	23	19	19	18	19	19	18	16	14	13	12	12	13	14	14	18	20	22	22	21	19	21	18	28	12
5	19	21	25	28	25	26	25	29	26	25	23	20	16	16	15	16	18	18	19	21	20	19	19	19	21	29	15
6	20	21	20	20	24	25	28	33	34	33	33	30	29	32	34	37	38	41	45	49	53	52	52	55	35	55	20
7	59	59	61	67	73	71	70	68	62	55	48	46	43	46	50	51	54	61	63	67	59	62	57	57	59	73	43
8	56	51	54	59	60	59	60	60	54	47	40	38	36	33	35	39	39	46	49	54	51	51	47	47	49	60	33
9	43	44	45	46	45	45	46	46	44	40	37	35	32	30	29	30	32	36	38	36	37	36	37	37	39	46	29
10	38	39	40	40	41	42	42	43	41	37	33	30	26	24	29	29	30	34	38	40	41	42	43	44	37	44	24
11	44	44	43	41	44	44	44	46	42	37	30	28	28	28	30	32	34	38	42	45	47	49	49	49	40	49	28
12	51	50	51	57	55	56	56	56	48	44	38	33	33	32	33	34	36	40	43	46	49	50	50	49	45	57	32
13	51	52	51	52	51	54	57	54	51	44	40	33	32	33	34	34	36	39	43	48	49	44	47	50	45	57	32
14	49	48	49	51	51	55	51	51	48	44	40	34	32	30	29	27	32	37	41	40	40	42	32	29	41	55	27
15	28	29	31	32	32	33	34	32	29	25	24	19	16	16	19	17	19	24	23	20	20	21	24	29	25	34	16
16	55	75	83	77	75	63	65	73	70	68	72	58	47	47	44	44	49	65	75	51	49	52	56	62	61	83	44
17	69	81	94	79	58	49	47	54	49	46	42	39	39	38	39	39	39	43	51	55	53	53	47	44	52	94	38
18	50	44	48	50	55	59	49	49	36	30	24	18	12	13	13	14	14	18	21	23	23	26	26	24	31	59	12
19	24	25	25	24	25	26	26	29	29	27	25	24	23	22	22	23	24	25	24	24	25	24	24	24	25	29	22
20	26	25	25	26	26	27	26	25	25	23	21	20	20	21	22	23	24	25	23	20	20	20	20	21	23	27	20
21	22	21	23	28	31	43	50	56	69	63	59	58	63	65	66	71	74	75	73	70	68	65	72	90	57	90	21
22	89	83	81	84	89	91	89	93	86	92	85	89	97	90	90	91	90	84	89	92	94	93	93	92	89	97	81
23	94	92	89	93	86	90	92	92	92	86	79	75	74	--	--	--	--	--	--	--	--	--	--	--	87	94	74
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	43	44	45	46	46	47	47	48	46	42	38	35	34	31	33	34	35	39	42	42	42	42	41	42	41	--	--
Max	94	92	94	93	89	91	92	93	92	92	85	89	97	90	90	91	90	84	89	92	94	93	93	92	--	97	--
Min	19	21	20	19	19	18	19	19	18	16	14	13	12	12	13	14	14	18	19	20	20	19	19	19	--	--	12

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, SR_Wm2_2m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	8.78	183	429	618	762	833	310	780	696	511	291	79.7	0.0105	0	0	0	0	0	229	833	0
2	0	0	0	0	0	0	8.49	63.5	392	354	489	759	231	118	166	117	25.9	19	1.9	0.0253	0	0	0	0	114	759	0
3	0	0	0	0	0	0	6.68	173	426	627	757	856	875	823	695	508	291	76.1	0.0068	0	0	0	0	0	255	875	0
4	0	0	0	0	0	0	6.54	167	431	631	781	862	873	810	683	499	282	70.1	0.0013	0	0	0	0	0	254	873	0
5	0	0	0	0	0	0	6.35	164	427	621	766	846	855	795	672	448	272	59.9	0	0	0	0	0	0	247	855	0
6	0	0	0	0	0	0	9.21	139	417	615	775	832	832	788	615	453	256	70.1	0.0105	0	0	0	0	0	242	832	0
7	0	0	0	0	0	0	4.86	147	426	621	764	838	842	766	631	476	271	58.6	0	0	0	0	0	0	244	842	0
8	0	0	0	0	0	0	8.03	160	407	583	734	809	818	757	643	479	242	66.9	0.0693	1.75	0	0	0	0	238	818	0
9	0	0	0	0	0	0	5.09	132	402	591	730	803	809	749	596	453	245	50.3	0	0	0	0	0	0	232	809	0
10	0	0	0	0	0	0	4.88	128	401	593	732	810	816	764	612	427	226	52.7	0	0	0	0	0	0	232	816	0
11	0	0	0	0	0	0	4.11	128	409	594	738	819	830	764	632	449	240	47.6	0	0	0	0	0	0	236	830	0
12	0	0	0	0	0	0	4.17	128	415	607	755	841	694	679	363	315	254	45.4	0	0	0	0	0	0	213	841	0
13	0	0	0	0	0	0	4.25	122	399	594	739	820	827	762	635	453	240	41.3	0	0	0	0	0	0	235	827	0
14	0	0	0	0	0	0	3.72	120	402	590	731	810	816	745	624	444	234	40.5	0	0	0	0	0	0	232	816	0
15	0	0	0	0	0	0	3.09	117	400	591	731	808	817	748	624	443	230	37.5	0	0	0	0	0	0	231	817	0
16	0	0	0	0	0	0	3.01	112	392	582	720	795	806	606	520	443	192	14.9	0	0	0	0	0	0	216	806	0
17	0	0	0	0	0	0	2.64	108	384	576	722	793	801	733	609	428	217	32.7	0	0	0	0	0	0	225	801	0
18	0	0	0	0	0	0	3.15	104	378	567	708	786	791	728	605	423	211	29.6	0	0	0	0	0	0	222	791	0
19	0	0	0	0	0	0	2.87	102	380	571	717	789	789	721	597	415	206	27.7	0	0	0	0	0	0	222	789	0
20	0	0	0	0	0	0	2.78	99.5	378	573	715	789	791	721	588	404	196	25.9	0	0	0	0	0	0	220	791	0
21	0	0	0	0	0	0	2.59	93.3	374	563	700	773	776	704	574	393	188	21.4	0	0	0	0	0	0	215	776	0
22	0	0	0	0	0	0	3.01	87.3	351	538	677	750	752	683	578	402	186	20.8	0	0	0	0	0	0	209	752	0
23	0	0	0	0	0	0	2.64	82.3	349	514	601	699	726	471	538	386	182	17.7	0	0	0	0	0	0	190	726	0
24	0	0	0	0	0	0	3.47	86.9	295	477	444	484	498	401	397	178	57.4	2.85	0	0	0.0758	0	0	0	139	498	0
25	0	0	0	0	0	0	2.44	76.4	339	529	669	744	589	624	551	378	177	17.5	0	0	0	0	0	0	196	744	0
26	0	0	0	0	0	0	1.72	72.6	357	489	677	740	744	679	552	373	173	14.8	0	0	0	0	0	0	203	744	0
27	0	0	0	0	0	0	2.95	87.4	323	422	606	695	599	535	484	279	124	9.74	0	0	0	0	0	0	174	695	0
28	0	0	0	0	0	0	0.675	42.1	236	469	588	660	599	309	219	209	125	11.9	0	0	0	0	0	0	145	660	0
29	0	0	0	0	0	0	1.16	65.7	338	520	652	717	728	659	539	362	159	12.2	0	0	0	0	0	0	198	728	0
30	0	0	0	0	0	0	1.79	57.1	344	351	528	729	558	596	520	299	112	10.7	0	0	0	0	0	0	171	729	0
31	0	0	0	0	0	0	1.21	53.9	222	528	591	561	528	527	413	231	61.5	7.41	0	0	0	0	0	0	155	591	0
Avg	0	0	0	0	0	0	4.08	110	375	552	687	769	720	663	554	390	199	35.3	0.0645	0.0572	0.0024	0	0	0	211	--	--
Max	0	0	0	0	0	0	9.21	183	431	631	781	862	875	823	696	511	291	79.7	1.9	1.75	0.0758	0	0	0	--	875	--
Min	0	0	0	0	0	0	0.675	42.1	222	351	444	484	231	118	166	117	25.9	2.85	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, SR_Wm2_2m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	1.45	74.7	223	458	620	638	726	658	533	352	152	10.7	0	0	0	0	0	0	185	726	0
2	0	0	0	0	0	0	1.09	83.3	325	499	640	721	729	669	573	369	157	10.6	0	0	0	0.918	0	0	199	729	0
3	0	0.165	0	0	0.106	0.73	4.12	66.4	280	511	663	752	715	643	518	195	13.4	0	0.251	0.253	0.0477	3.92	0.093	0	182	752	0
4	0	0	0	0	2.95	0	2.39	2.2	32.6	44.3	383	732	693	638	470	251	142	9.68	0	0	0	0	0	0	142	732	0
5	0	0	0	0	0	0	0.6	42.8	305	489	622	695	699	634	509	332	136	9.44	0	0	0	0	0	0	186	699	0
6	0	0	0	0	0	0	0.495	39.3	305	485	620	692	697	629	510	333	139	9.11	0	0	0	0	0	0	186	697	0
7	0	0	0	0	0	0	0.57	36.2	301	482	615	682	688	622	504	330	134	8.01	0	0	0	0	0	0	183	688	0
8	0	0	0	0	0	0	0.34	32.8	300	487	625	695	699	633	510	336	136	7.63	0	0	0	0	0	0	186	699	0
9	0	0	0	0	0	0	0.193	30.1	303	496	633	707	721	653	520	348	136	7.71	0	0	0	0	0	0	190	721	0
10	0	0	0	0	0	0	0.228	27.2	294	482	619	692	693	624	499	326	122	7.35	0	0	0	0	0	0	183	693	0
11	0	0	0	0	0	0	0.246	27.4	288	476	609	680	680	617	490	320	110	6.06	0	0	0	0	0	0	179	680	0
12	0	0	0	0	0	0	0.0955	23.8	287	473	610	682	685	617	490	321	95.9	3.04	0	0	0	0	0	0	179	685	0
13	0	0	0	0	0	0	0.335	35.5	282	462	571	678	684	629	500	316	94.2	4.93	0	0	0	0	0	0	177	684	0
14	0	0	0	0	0	0	0.0125	19.1	285	471	612	680	685	621	489	318	93	4.66	0	0	0	0	0	0	178	685	0
15	0	0	0	0	0	0	0.0338	17.6	279	460	593	666	671	608	482	316	90.3	2.45	0	0	0	0	0	0	174	671	0
16	0	0	0	0	0	0	0	29	262	397	576	518	430	267	366	176	57.6	1.67	0	0	0	0	0	0	128	576	0
17	0	0	0	0	0	0	0	20.5	256	445	589	676	681	613	482	315	96.7	4.26	0	0	0	0	0	0	174	681	0
18	0	0	0	0	0	0	0	13.2	281	469	607	683	688	623	491	317	95.9	3.81	0	0	0	0	0	0	178	688	0
19	0	0	0	0	0	0	0	14.6	264	453	587	663	668	611	438	236	58.8	0.516	0	0	0	0	0	0	166	668	0
20	0	0	0	0	0	0	0.0693	31.2	110	234	226	258	214	159	162	93.2	30	0.66	0	0	0	0	0	0	63.3	258	0
21	0	0	0	0	0.001	0.142	0.199	8.15	36.5	62.5	49	285	393	107	368	176	50.2	2.93	0	0	0	0	0	0	64.1	393	0
22	0	0	0	0	0	0	0	13.5	240	428	564	642	657	613	473	300	91.3	3.3	0	0	0	0	0	0	168	657	0
23	0	0	0	0	0	0	0	12.1	247	442	581	658	660	596	472	301	91	3.2	0	0	0	0	0	0	169	660	0
24	0	0	0	0	0	0	0	19	223	456	616	675	684	618	487	303	100	3.55	0	0	0	0	0	0	174	684	0
25	0	0	0	0	0	0	0	10.9	152	419	563	627	610	592	465	297	93	3.15	0	0	0	0	0	0	160	627	0
26	0	0	0	0	0	0	0	24.9	90.6	156	290	396	393	201	118	56.6	11.2	0.0003	0	0	0	0	0	0	72.4	396	0
27	0	0	0	0	0	0	0	9.58	180	215	339	390	355	416	362	150	28.1	1.31	0	0	0	0	0.0105	0.353	102	416	0
28	0.894	0.166	0	0	0	0.0078	0.005	13.7	82.2	217	276	350	420	430	165	87.5	11.2	0.0135	0	0	0	0	0	0	85.6	430	0
29	0	0	0	0	0	0	0	10.4	214	413	580	690	653	605	477	310	104	2.91	0	0	0	0	0	0	169	690	0
30	0	0	0	0	0	0	0	8.8	216	420	559	636	642	585	463	300	94.2	2.71	0	0	0	0	0	0	164	642	0
Avg	0.0298	0.011	0	0	0.102	0.0293	0.416	26.6	231	400	535	618	620	551	446	273	92.1	4.51	0.0084	0.0084	0.0016	0.161	0.0035	0.0118	158	--	--
Max	0.894	0.166	0	0	2.95	0.73	4.12	83.3	325	511	663	752	729	669	573	369	157	10.7	0.251	0.253	0.0477	3.92	0.093	0.353	--	752	--
Min	0	0	0	0	0	0	0	2.2	32.6	44.3	49	258	214	107	118	56.6	11.2	0	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, SR_Wm2_2m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	23.4	156	287	420	582	584	581	417	212	96.5	2.7	0	0	0	0	0	0	140	584	0
2	0	0	0	0	0	0	0	24.1	121	317	536	540	593	320	167	81.3	33	1.56	0	0	0	0	0	0	114	593	0
3	0	0	0	0	0	0	0	8.48	192	395	536	615	623	570	449	286	94.1	2.43	0	0	0	0	0	0	157	623	0
4	0	0	0	0	0	0	0	7.8	197	408	548	627	635	579	459	295	96.1	2.26	0	0	0	0	0	0	161	635	0
5	0	0	0	0	0	0	0	9.14	182	381	506	609	613	529	389	216	62.1	1.44	0	0	0	0	0	0	146	613	0
6	0	0	0	0	0	0	0	14	82.5	211	420	524	577	508	405	255	107	3.19	0	0	0	0	0	0	129	577	0
7	0	0	0	0	0	0	0	13.3	169	312	535	464	524	359	263	198	80.7	1.51	0	0	0	0	0	0	122	535	0
8	0	0	0	0	0	0	0	9.6	166	372	509	580	577	553	435	280	93.8	2.09	0	0	0	0	0	0	149	580	0
9	0	0	0	0	0	0	0	10.7	143	373	515	596	612	557	420	228	55.8	1.31	0	0	0	0	0	0	146	612	0
10	0	0	0	0	0	0	0	6.64	162	381	498	590	605	558	442	253	79.4	1.65	0	0	0	0	0	0	149	605	0
11	0	0	0	0	0	0	0	9.94	148	304	470	559	586	531	427	266	99.4	2.19	0	0	0	0	0	0	142	586	0
12	0	0	0	0	0	0	0	6.22	153	306	452	563	573	494	403	293	81.6	3.44	0	0	0	0	0	0	139	573	0
13	0	0	0	0	0	0	0	12.9	133	333	466	581	594	472	382	250	61.3	1.23	0	0	0	0	0	0	137	594	0
14	0	0	0	0	0	0	0	12.7	119	249	433	587	504	499	395	304	99.2	1.42	0	0	0	0	0	0	133	587	0
15	0	0	0	0	0	0	0	8.74	147	362	500	575	557	379	359	231	56.6	0.937	0	0	0	0	0	0	132	575	0
16	0	0	0	0.0253	0.278	0	0.0565	2.83	14.1	18.5	111	141	528	125	276	164	31.1	0.549	0	0.0093	0	0	0	0	58.8	528	0
17	0.0148	0.128	0.371	1.97	0.532	0	0	8.83	135	348	499	589	607	564	454	292	105	3	0	0	0	0	0	0	150	607	0
18	0	0	0	0	0	0	0	5.45	148	386	537	628	646	593	476	311	75.1	2.09	0	0	0	0	0	0	159	646	0
19	0	0	0	0	0	0	0	5.76	55.2	366	510	594	615	565	456	297	112	4	0	0	0	0	0	0	149	615	0
20	0	0	0	0	0	0	0	8.41	88.5	320	487	553	519	384	356	184	61.1	2.58	0	0	0	0	0	0	123	553	0
21	0	0	0	0	0	0	0	0.22	72.5	61.3	134	180	207	140	104	47	40.7	1.32	0	0	0	0	0	0	41.2	207	0
22	0	0	0	0.205	0.0013	0.0135	0.207	2.03	27.7	71.6	276	32.3	42.4	70.9	109	55.4	60.5	9.01	0.022	0	0.0255	0.0028	0	0.0063	31.6	276	0
23	0	0	0.0018	0	0	0	0	3.61	25.2	75.7	178	273	287	--	--	--	--	--	--	--	--	--	--	--	64.8	287	0
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	0.0006	0.0056	0.0162	0.0955	0.0353	0.0006	0.0115	9.34	123	289	438	504	531	451	366	227	76.5	2.36	0.001	0.0004	0.0012	0.0001	0	0.0003	126	--	--
Max	0.0148	0.128	0.371	1.97	0.532	0.0135	0.207	24.1	197	408	548	628	646	593	476	311	112	9.01	0.022	0.0093	0.0255	0.0028	0	0.0063	--	646	--
Min	0	0	0	0	0	0	0	0.22	14.1	18.5	111	32.3	42.4	70.9	104	47	31.1	0.549	0	0	0	0	0	0	--	--	0

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, Temp_2m_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	23.1	21.8	21.3	22.7	22.8	22.7	22.0	23.8	24.9	26.5	28.0	28.7	28.3	29.8	30.6	30.4	30.5	29.4	27.5	25.8	25.7	25.4	25.9	25.4	26.0	30.6	21.3
2	23.5	22.9	22.7	22.7	21.7	21.7	21.1	21.1	24.1	25.9	26.5	27.9	27.3	25.7	24.7	24.6	22.7	20.4	21.0	21.3	21.6	22.0	21.2	21.9	23.2	27.9	20.4
3	22.2	21.2	20.8	20.1	19.4	19.0	18.9	19.9	22.0	23.3	23.7	23.7	25.1	24.8	25.1	25.1	24.7	23.4	21.6	20.2	19.5	18.6	16.9	16.7	21.5	25.1	16.7
4	17.0	16.4	16.1	15.9	16.1	16.1	15.9	17.4	19.6	21.6	23.5	23.8	23.7	24.3	24.7	25.0	24.4	23.7	21.9	21.0	19.8	19.0	18.6	18.7	20.2	25.0	15.9
5	18.2	18.2	18.0	18.6	19.1	19.2	18.7	19.6	21.9	23.8	25.0	25.9	27.2	27.1	27.6	27.2	26.9	26.2	24.9	23.5	21.8	21.2	20.6	20.3	22.5	27.6	18.0
6	19.8	19.4	19.2	19.6	19.4	18.7	17.5	19.6	23.1	24.2	25.2	26.1	26.9	27.2	28.0	28.1	27.4	26.4	24.9	23.6	22.4	21.4	21.7	21.6	23.0	28.1	17.5
7	21.8	21.7	21.1	20.3	19.8	19.5	19.3	20.5	23.1	26.0	28.1	29.7	30.8	31.3	31.8	32.0	31.6	30.5	29.4	28.5	28.0	27.1	26.1	25.2	26.0	32.0	19.3
8	24.8	24.3	24.3	23.9	23.6	23.0	23.0	23.4	24.9	26.5	28.3	29.4	30.6	31.8	32.0	31.7	31.4	30.2	28.8	22.1	22.8	23.7	24.3	23.6	26.3	32.0	22.1
9	22.5	22.5	22.5	22.6	22.3	22.0	21.9	22.5	23.8	25.1	26.6	28.0	29.2	30.0	30.7	30.7	30.8	29.9	28.2	26.8	25.8	25.6	25.5	25.1	25.9	30.8	21.9
10	24.8	24.2	24.3	24.4	23.7	23.6	23.3	23.8	25.8	27.6	29.3	31.0	31.8	31.4	31.5	31.5	30.5	29.3	27.2	25.7	25.9	25.5	25.1	24.5	26.9	31.8	23.3
11	23.4	23.2	23.0	22.2	22.4	23.5	23.6	24.1	26.2	27.8	30.3	31.2	31.8	31.3	30.9	31.8	31.0	30.0	27.6	25.7	24.8	24.2	23.7	23.1	26.5	31.8	22.2
12	22.3	21.9	21.8	22.3	22.1	20.8	20.7	22.4	25.2	27.2	28.8	29.4	30.3	31.0	30.4	29.7	29.7	28.4	26.2	24.2	23.3	22.3	21.8	21.1	25.1	31.0	20.7
13	21.2	20.9	20.6	20.3	20.0	19.6	18.8	19.3	23.3	25.8	27.5	28.5	29.5	29.8	30.1	30.1	29.3	28.0	26.1	24.4	23.4	23.1	23.5	22.3	24.4	30.1	18.8
14	21.8	21.4	21.3	22.1	23.4	21.2	22.4	23.4	26.1	27.9	29.6	30.3	31.1	31.8	31.6	31.7	31.1	29.9	27.5	25.9	24.8	24.4	23.5	23.2	26.1	31.8	21.2
15	22.7	22.2	22.0	21.5	22.2	22.6	22.9	23.0	25.4	27.9	29.9	30.5	31.6	31.2	31.0	30.8	30.3	29.0	27.6	26.1	24.4	23.5	23.1	22.4	26.0	31.6	21.5
16	22.5	22.1	21.7	21.4	20.6	20.0	21.1	21.1	24.3	27.1	28.8	29.5	30.6	29.9	29.8	29.9	29.1	27.7	26.6	25.0	23.9	23.2	22.6	22.2	25.0	30.6	20.0
17	22.0	21.6	21.4	20.4	20.4	20.3	19.1	20.0	23.0	26.1	27.8	28.4	28.2	29.0	28.6	28.6	28.0	26.9	25.4	24.3	22.9	22.3	21.9	21.1	24.1	29.0	19.1
18	20.7	20.4	20.3	19.9	19.6	19.0	18.8	20.1	22.5	25.2	27.1	28.4	28.8	29.2	29.1	28.8	28.4	27.0	25.3	24.2	23.0	22.2	21.7	21.2	23.8	29.2	18.8
19	20.7	20.4	20.1	19.9	20.3	19.7	20.0	20.5	22.9	25.3	27.6	28.5	29.9	30.1	30.4	30.1	29.4	27.9	26.3	24.4	23.2	22.5	24.2	24.7	24.5	30.4	19.7
20	24.5	23.8	24.2	22.0	20.8	20.7	22.2	24.3	25.4	26.5	27.6	29.1	30.1	31.0	31.7	31.2	30.1	28.4	27.0	26.3	25.8	25.7	24.5	24.1	26.1	31.7	20.7
21	23.5	23.0	22.8	23.3	23.3	23.2	22.9	23.0	24.4	25.6	26.8	28.2	29.6	30.7	31.3	31.8	31.8	30.4	28.7	27.7	26.9	26.9	26.5	26.1	26.6	31.8	22.8
22	26.1	25.9	25.9	25.4	25.2	24.8	24.3	25.1	26.4	27.7	29.6	31.2	32.6	33.0	33.1	33.0	32.0	30.5	28.9	27.0	26.3	25.5	24.6	24.5	27.9	33.1	24.3
23	23.9	23.4	23.2	23.0	23.0	23.3	23.8	23.9	26.3	27.9	29.5	29.9	30.9	30.3	30.8	31.1	30.7	29.3	27.9	26.8	25.6	25.0	24.4	24.5	26.6	31.1	23.0
24	23.7	24.2	23.7	22.8	22.1	21.4	22.3	24.4	26.0	27.7	28.8	29.6	29.8	30.0	29.3	28.8	28.2	27.4	26.8	26.3	23.9	24.0	23.2	22.9	25.7	30.0	21.4
25	23.0	21.4	21.6	21.2	21.2	21.3	21.3	21.6	24.1	26.2	27.2	28.3	28.5	28.9	29.2	28.9	28.5	27.3	26.3	25.1	24.5	24.5	24.7	24.2	24.9	29.2	21.2
26	23.9	24.0	23.4	23.0	22.4	22.5	22.4	21.9	24.7	26.7	28.6	30.7	31.2	32.0	32.7	32.3	31.6	30.3	28.8	27.0	27.2	28.1	27.9	27.7	27.1	32.7	21.9
27	28.0	27.7	27.0	26.5	26.7	26.4	26.2	26.3	27.9	28.6	29.5	30.9	32.0	32.8	33.4	32.9	32.6	31.2	30.0	29.6	29.8	29.5	29.2	28.8	29.3	33.4	26.2
28	28.2	27.3	27.4	27.0	26.8	26.5	25.9	26.0	26.9	28.2	30.0	31.2	31.8	31.1	30.8	30.3	30.2	29.0	27.2	25.6	25.1	23.9	23.7	22.5	27.6	31.8	22.5
29	22.8	22.6	21.9	22.0	22.4	22.0	22.9	23.0	26.5	27.6	29.4	30.4	30.3	31.0	31.3	30.9	30.4	28.9	27.9	26.7	26.2	26.0	25.9	25.1	26.4	31.3	21.9
30	25.4	24.9	24.8	23.8	24.9	23.4	24.0	24.1	26.0	27.4	28.8	31.6	31.2	30.6	30.3	29.9	29.0	28.0	26.8	26.2	24.5	24.2	23.6	22.9	26.5	31.6	22.9
31	23.6	22.5	22.2	21.3	20.7	21.0	20.2	20.4	21.3	24.6	26.1	26.9	26.9	27.3	27.4	26.1	25.0	23.8	22.7	22.2	21.7	21.1	20.2	19.9	23.1	27.4	19.9
Avg	22.9	22.5	22.3	22.0	21.9	21.6	21.5	22.2	24.5	26.3	27.8	28.9	29.6	29.8	30.0	29.8	29.3	28.0	26.6	25.1	24.3	23.9	23.6	23.1	25.3	--	--
Max	28.2	27.7	27.4	27.0	26.8	26.5	26.2	26.3	27.9	28.6	30.3	31.6	32.6	33.0	33.4	33.0	32.6	31.2	30.0	29.6	29.8	29.5	29.2	28.8	--	33.4	--
Min	17.0	16.4	16.1	15.9	16.1	16.1	15.9	17.4	19.6	21.6	23.5	23.7	23.7	24.3	24.7	24.6	22.7	20.4	21.0	20.2	19.5	18.6	16.9	16.7	--	--	15.9

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, Temp_2m_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	19.4	18.9	18.4	17.3	16.8	16.5	15.8	16.4	18.5	20.3	21.5	22.5	23.4	24.3	23.9	23.5	22.5	21.2	20.1	19.6	18.6	17.8	17.6	16.6	19.6	24.3	15.8
2	16.5	16.7	16.4	15.6	16.0	16.2	16.6	16.4	18.4	20.7	22.7	24.5	25.6	26.4	27.2	27.0	25.1	23.0	21.9	20.9	20.0	19.9	20.5	20.3	20.6	27.2	15.6
3	20.5	19.7	20.0	19.6	17.7	17.0	17.5	20.1	21.0	21.8	22.1	22.4	22.7	23.2	23.5	23.6	20.2	15.6	15.0	15.3	15.0	17.6	19.3	19.8	19.6	23.6	15.0
4	18.7	18.9	18.8	18.0	17.7	18.1	16.8	15.5	14.6	15.1	16.2	19.5	20.8	21.3	21.8	21.3	21.1	19.2	18.5	17.3	16.6	16.7	16.2	15.4	18.1	21.8	14.6
5	15.7	15.5	15.7	15.4	14.8	15.4	15.2	15.0	16.2	18.8	20.4	22.2	22.4	22.2	22.4	22.5	21.7	20.5	19.9	18.8	17.4	17.3	16.6	16.3	18.3	22.5	14.8
6	16.1	15.8	15.9	16.6	16.2	15.3	15.7	16.3	19.0	20.1	22.1	22.6	22.7	23.1	23.4	23.6	23.1	21.8	20.5	19.1	18.8	18.4	17.5	18.1	19.2	23.6	15.3
7	17.3	17.1	17.9	17.4	17.7	16.5	16.6	15.9	18.0	20.3	23.1	24.9	25.2	25.1	25.2	25.3	24.8	23.4	21.9	20.9	20.7	21.2	21.0	22.9	20.8	25.3	15.9
8	23.4	23.1	23.4	22.4	22.6	21.8	21.3	21.4	22.6	23.7	24.9	25.9	26.3	26.5	26.6	26.1	25.1	24.0	23.2	22.6	22.8	22.1	21.4	21.3	23.5	26.6	21.3
9	20.9	20.7	20.5	20.3	19.4	18.6	17.7	16.8	18.8	20.0	21.4	21.9	22.5	23.0	23.3	23.2	22.7	21.7	20.6	18.8	18.4	17.6	17.3	16.8	20.1	23.3	16.8
10	16.3	16.2	15.8	16.1	15.9	15.8	15.3	15.1	17.4	18.5	19.3	20.3	20.7	22.0	22.1	21.8	21.4	20.0	19.5	19.1	18.7	18.1	17.7	17.1	18.3	22.1	15.1
11	16.8	16.5	16.2	16.1	16.6	17.1	16.9	16.9	18.4	19.3	20.8	21.6	22.6	23.3	23.9	24.0	23.1	21.7	20.6	20.5	20.1	20.0	19.3	18.3	19.6	24.0	16.1
12	18.7	18.9	18.0	17.3	17.2	17.7	17.0	17.2	18.7	19.9	21.4	22.3	23.2	23.3	23.6	23.4	22.7	21.4	20.6	19.6	18.6	17.9	17.9	17.4	19.8	23.6	17.0
13	18.2	18.0	17.6	16.3	15.7	16.8	17.9	18.2	19.2	19.9	21.1	22.9	24.9	25.7	25.8	25.5	24.3	22.8	21.7	19.9	18.9	18.6	18.2	17.9	20.3	25.8	15.7
14	18.0	18.4	18.0	16.4	18.0	18.2	17.5	16.6	19.8	21.6	23.6	25.1	26.2	26.8	27.1	26.7	25.1	23.4	21.6	20.4	20.4	19.2	18.9	18.5	21.1	27.1	16.4
15	18.7	17.9	18.2	19.3	19.1	19.0	17.7	16.6	21.0	22.8	25.0	25.9	27.3	28.4	29.2	29.0	27.9	24.6	22.5	21.8	22.5	21.7	21.1	20.6	22.4	29.2	16.6
16	19.7	19.4	19.1	21.1	20.3	19.8	20.3	20.0	21.1	22.6	25.0	26.6	26.0	25.4	25.6	24.9	23.7	22.3	20.7	21.0	20.2	19.8	20.2	20.2	21.9	26.6	19.1
17	19.4	18.3	17.5	17.0	16.4	15.5	13.1	12.5	13.2	14.0	15.0	16.1	16.7	16.7	17.0	17.1	16.5	15.2	14.3	13.5	12.8	12.0	12.2	11.5	15.1	19.4	11.5
18	11.8	11.4	10.6	9.8	9.3	10.2	10.1	11.5	14.6	15.9	17.2	18.4	19.6	21.1	21.7	21.8	21.1	20.0	19.8	19.8	19.9	19.9	19.9	19.5	16.4	21.8	9.3
19	19.0	18.7	18.2	18.0	17.8	17.5	17.5	17.0	18.1	19.3	20.0	21.6	22.7	23.4	23.6	23.3	22.6	21.4	20.9	21.1	20.9	21.0	20.7	20.6	20.2	23.6	17.0
20	19.9	19.7	19.6	19.7	19.1	18.7	18.5	18.7	19.1	19.8	20.2	20.8	21.2	21.4	21.3	21.3	20.8	19.5	18.9	18.7	18.7	17.6	18.2	17.5	19.5	21.4	17.5
21	17.7	16.3	16.5	15.3	14.8	15.1	15.4	15.6	15.2	15.6	14.6	15.0	16.6	14.3	15.0	15.3	14.9	14.4	13.8	13.0	12.3	11.5	10.7	10.5	14.6	17.7	10.5
22	10.6	10.0	9.6	9.2	9.1	8.8	8.8	9.0	11.1	13.5	14.4	15.2	16.1	16.9	17.1	17.1	16.4	15.3	14.6	13.4	12.9	12.6	12.0	13.1	12.8	17.1	8.8
23	12.6	13.6	14.6	13.9	14.1	14.0	13.9	13.9	14.8	15.9	17.6	19.0	20.0	21.1	21.2	21.1	20.2	18.4	17.0	16.1	16.0	14.7	14.0	13.7	16.3	21.2	12.6
24	13.0	13.4	13.1	12.4	12.9	15.7	16.9	17.1	17.3	18.0	19.4	20.1	19.5	20.3	21.3	21.4	21.0	19.8	18.5	17.9	17.8	18.0	18.1	17.8	17.5	21.4	12.4
25	18.2	17.8	17.5	17.2	16.9	16.2	16.3	16.7	17.2	18.2	19.1	20.0	20.6	21.4	21.9	21.8	20.8	19.9	19.6	19.0	18.7	18.2	17.8	17.3	18.7	21.9	16.2
26	17.5	17.2	17.0	16.6	16.5	16.6	16.3	16.3	16.4	16.3	17.0	17.8	19.0	18.9	19.0	18.9	18.6	17.6	16.8	16.5	16.0	15.7	15.1	14.9	17.0	19.0	14.9
27	14.5	13.8	12.2	10.9	9.5	8.3	7.7	7.5	8.7	9.4	10.2	11.2	11.7	12.2	12.5	12.2	11.7	11.4	11.1	9.5	7.7	4.8	3.8	4.5	9.9	14.5	3.8
28	5.5	5.5	5.4	5.9	6.1	6.1	6.1	6.1	6.4	7.5	8.1	9.1	9.8	10.6	10.1	9.8	9.5	9.3	9.5	9.5	9.1	9.1	8.9	8.4	8.0	10.6	5.4
29	8.0	7.7	7.4	7.0	6.5	5.6	4.7	4.8	6.6	7.7	9.1	9.9	10.4	11.0	11.4	11.0	10.6	9.5	8.8	7.4	6.8	6.3	6.3	6.3	8.0	11.4	4.7
30	6.7	6.3	6.7	7.1	6.8	6.6	5.5	5.4	6.0	8.4	10.3	11.5	12.7	13.1	12.9	12.8	12.5	10.9	9.5	9.2	8.3	8.9	8.4	7.8	8.9	13.1	5.4
Avg	16.3	16.1	15.9	15.5	15.2	15.1	14.9	14.9	16.2	17.5	18.8	19.9	20.6	21.1	21.3	21.2	20.4	19.0	18.1	17.3	16.9	16.5	16.2	16.0	17.5	--	--
Max	23.4	23.1	23.4	22.4	22.6	21.8	21.3	21.4	22.6	23.7	25.0	26.6	27.3	28.4	29.2	29.0	27.9	24.6	23.2	22.6	22.8	22.1	21.4	22.9	--	29.2	--
Min	5.5	5.5	5.4	5.9	6.1	5.6	4.7	4.8	6.0	7.5	8.1	9.1	9.8	10.6	10.1	9.8	9.5	9.3	8.8	7.4	6.8	4.8	3.8	4.5	--	--	3.8

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, Temp_2m_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	7.6	7.3	7.2	7.4	7.3	7.3	7.7	6.9	8.3	8.7	10.7	12.7	14.4	14.1	13.7	13.3	12.5	11.1	9.5	8.6	8.0	7.3	7.0	7.5	9.4	14.4	6.9
2	7.9	8.2	8.7	8.4	6.9	6.8	5.9	6.2	7.6	9.7	11.4	13.1	13.4	13.0	12.2	11.5	10.9	10.4	9.8	9.5	8.9	9.9	11.7	11.9	9.7	13.4	5.9
3	12.0	11.4	11.2	10.9	10.2	10.0	8.7	8.2	9.2	11.2	13.4	14.4	15.4	16.2	16.6	16.7	16.3	15.2	14.3	13.1	12.3	12.0	11.6	11.3	12.6	16.7	8.2
4	10.4	9.3	10.0	10.3	9.7	10.0	9.4	9.8	11.0	12.6	14.3	15.1	16.2	17.5	17.6	17.4	16.9	14.8	13.2	12.2	12.0	12.6	13.1	12.1	12.8	17.6	9.3
5	13.6	12.5	10.5	9.5	10.3	10.4	11.1	10.3	12.2	13.9	15.1	16.6	16.9	16.6	16.6	16.2	15.1	14.2	13.0	12.4	12.0	11.5	11.0	10.5	13.0	16.9	9.5
6	10.2	9.9	10.2	10.6	9.3	9.6	10.9	10.6	10.4	11.9	14.4	15.4	15.9	15.8	15.6	15.2	14.8	13.9	13.0	11.8	10.9	11.1	11.0	10.9	12.2	15.9	9.3
7	10.8	11.1	10.4	9.9	9.3	9.8	9.6	9.8	11.1	12.7	14.1	14.6	15.3	14.9	14.5	14.1	13.9	12.8	12.3	11.0	10.8	9.8	9.5	9.1	11.7	15.3	9.1
8	8.7	9.8	10.0	10.3	10.1	10.2	9.9	9.8	11.1	12.8	15.3	16.1	17.3	18.4	18.1	17.0	16.3	14.9	13.7	12.4	12.3	11.9	12.5	12.1	13.0	18.4	8.7
9	13.0	12.6	12.2	11.8	11.6	11.5	11.1	10.8	11.4	13.0	14.2	15.4	16.9	18.4	18.8	18.4	17.6	15.9	15.0	15.3	15.1	15.4	15.0	14.9	14.4	18.8	10.8
10	14.4	13.9	13.8	13.7	13.5	13.1	12.8	12.5	13.5	15.4	16.8	18.3	20.0	21.1	19.4	19.0	18.4	16.9	15.6	14.9	14.1	13.8	13.6	13.3	15.5	21.1	12.5
11	12.8	12.9	12.9	13.3	12.6	12.3	12.4	11.8	13.0	16.0	17.7	18.8	19.6	20.1	19.9	19.5	18.6	17.4	16.2	15.1	14.7	14.0	14.2	14.2	15.4	20.1	11.8
12	13.7	14.2	13.8	12.4	12.9	12.5	12.5	12.3	14.4	16.1	18.1	19.1	19.5	20.1	19.9	19.6	18.9	17.6	16.4	15.8	14.6	14.3	14.4	14.4	15.7	20.1	12.3
13	13.6	13.4	13.6	13.4	13.7	12.9	12.2	12.8	13.7	16.4	18.2	20.0	19.7	20.5	20.3	20.1	19.1	17.8	16.5	15.3	15.0	15.9	15.0	14.2	16.0	20.5	12.2
14	14.7	14.9	14.8	14.3	14.3	13.5	14.4	14.5	15.3	16.9	18.6	20.8	21.3	22.5	22.6	23.0	21.7	19.9	18.3	17.7	17.3	16.6	17.9	18.3	17.7	23.0	13.5
15	18.5	17.7	17.3	17.1	16.9	16.9	17.0	17.1	18.4	20.3	21.7	23.4	24.7	24.3	23.9	23.9	22.6	20.1	19.0	18.9	19.0	19.5	18.4	17.8	19.8	24.7	16.9
16	15.5	12.5	11.8	13.0	13.1	14.1	14.3	13.0	13.4	13.7	13.4	15.0	18.1	17.9	18.6	19.3	18.8	16.7	15.6	16.5	16.1	15.7	15.4	15.0	15.3	19.3	11.8
17	14.4	13.6	11.6	10.1	8.9	8.0	6.9	5.6	5.4	6.1	6.8	7.6	8.2	8.9	9.2	9.2	8.7	7.9	7.1	6.4	6.1	5.6	5.6	5.8	8.1	14.4	5.4
18	5.1	6.0	5.2	4.4	3.9	2.9	4.3	4.0	6.8	8.2	9.8	11.1	12.3	13.1	13.9	13.7	13.0	12.7	12.7	12.0	12.1	12.1	12.2	12.0	9.3	13.9	2.9
19	11.9	11.9	11.6	11.8	11.6	11.3	11.5	11.1	11.1	12.9	14.0	14.9	15.9	17.0	17.6	17.4	16.8	16.5	16.5	16.6	15.6	15.7	15.8	15.3	14.3	17.6	11.1
20	14.7	15.2	15.2	14.8	14.5	14.1	14.2	14.0	14.1	15.5	16.9	17.7	18.4	18.3	18.8	18.3	17.8	17.4	17.4	17.8	17.3	17.7	18.0	17.4	16.5	18.8	14.0
21	17.0	17.4	16.8	16.0	15.6	15.8	16.1	15.0	14.1	15.9	15.8	15.9	15.7	16.0	16.4	16.0	15.8	15.8	16.2	16.4	16.6	16.8	16.0	14.0	16.0	17.4	14.0
22	14.5	14.8	15.0	15.0	14.7	14.6	14.8	14.4	15.3	14.9	16.3	15.0	14.2	14.3	13.9	13.2	13.2	13.0	12.3	11.7	11.4	10.7	10.7	10.7	13.7	16.3	10.7
23	10.6	10.6	10.7	10.7	11.0	10.6	10.5	10.6	10.6	10.8	11.7	12.5	12.3	--	--	--	--	--	--	--	--	--	--	--	11.0	12.5	10.5
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	12.4	12.2	11.9	11.7	11.4	11.2	11.2	10.9	11.8	13.3	14.7	15.8	16.6	17.2	17.2	16.9	16.3	15.1	14.2	13.7	13.3	13.2	13.2	12.8	13.7	--	--
Max	18.5	17.7	17.3	17.1	16.9	16.9	17.0	17.1	18.4	20.3	21.7	23.4	24.7	24.3	23.9	23.9	22.6	20.1	19.0	18.9	19.0	19.5	18.4	18.3	--	24.7	--
Min	5.1	6.0	5.2	4.4	3.9	2.9	4.3	4.0	5.4	6.1	6.8	7.6	8.2	8.9	9.2	9.2	8.7	7.9	7.1	6.4	6.1	5.6	5.6	5.8	--	--	2.9

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, WD_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	51	301	315	68	72	78	66	83	122	139	199	212	282	260	228	260	229	231	246	48	50	54	71	66	83	315	48
2	249	47	79	51	46	100	51	86	73	59	147	98	35	312	185	78	32	80	78	82	78	82	201	179	79	312	32
3	165	129	182	135	74	78	80	98	167	219	237	252	247	274	254	255	267	273	277	317	41	328	76	45	219	328	41
4	54	55	57	53	47	54	55	39	197	180	193	219	270	250	260	238	257	254	337	3	12	4	41	43	8	337	3
5	43	48	50	51	71	82	73	70	82	152	159	179	205	241	245	249	241	264	312	294	53	37	35	298	56	312	35
6	33	40	31	54	52	80	284	90	119	228	133	221	292	215	191	236	258	254	298	117	326	52	63	78	62	326	31
7	77	64	46	23	35	359	309	305	286	1	71	66	101	160	153	148	167	61	82	81	108	112	99	115	76	359	1
8	232	236	80	267	41	105	65	58	68	53	106	124	164	173	185	201	216	186	153	18	73	78	71	55	112	267	18
9	76	87	57	57	51	56	56	55	57	49	60	99	73	89	185	301	129	269	326	16	85	83	95	75	66	326	16
10	68	55	58	63	103	106	145	130	114	106	116	203	186	231	222	204	227	253	349	40	53	64	64	29	104	349	29
11	13	332	54	2	52	84	77	77	82	156	182	193	227	245	257	231	254	239	2	53	46	17	20	50	39	332	2
12	45	19	40	71	79	35	42	68	73	149	204	219	201	236	251	274	274	291	334	45	46	352	10	354	17	354	10
13	22	47	355	9	41	336	320	238	125	184	190	190	212	238	221	232	250	268	313	17	351	25	49	26	319	355	9
14	40	40	35	56	77	67	76	80	87	130	177	226	191	231	270	275	263	254	346	358	20	12	37	15	35	358	12
15	8	3	35	49	55	65	83	89	81	108	179	193	210	242	257	263	260	270	330	46	7	351	279	304	360	351	3
16	30	66	50	352	53	353	66	284	171	156	188	188	218	251	252	258	254	288	323	48	58	42	18	29	0	353	18
17	42	65	314	12	52	37	315	39	186	166	185	196	259	253	260	253	271	274	313	348	311	49	46	330	321	348	12
18	21	51	56	11	43	4	346	18	215	196	193	188	227	246	265	273	246	271	311	118	301	24	8	268	309	346	4
19	353	299	326	21	24	45	66	57	198	245	83	81	101	350	49	266	278	279	350	88	284	233	42	39	9	353	21
20	63	139	72	249	258	294	338	63	112	73	79	84	86	91	146	102	80	47	97	75	76	79	66	118	83	338	47
21	127	115	340	44	51	69	77	59	51	52	59	65	69	75	60	74	155	150	110	97	85	86	101	93	79	340	44
22	74	135	140	211	66	63	87	60	32	86	107	85	172	232	245	249	264	281	346	68	343	309	332	3	55	346	3
23	351	35	15	59	44	62	72	110	159	189	219	253	259	260	251	248	264	272	326	31	8	24	62	6	352	351	6
24	50	62	77	5	41	12	84	83	98	143	198	185	214	213	289	264	263	295	45	40	109	71	69	354	63	354	5
25	54	275	16	32	72	83	76	78	101	170	212	190	236	211	250	282	266	294	335	44	64	79	77	61	61	335	16
26	75	80	78	75	64	93	89	82	301	316	104	112	144	201	169	129	109	78	76	68	79	83	71	67	89	316	64
27	83	84	88	62	56	133	99	80	71	100	108	93	72	96	115	71	154	86	92	88	85	78	86	79	89	154	56
28	100	90	90	92	91	85	62	50	92	94	90	162	169	213	216	231	188	205	357	57	36	16	33	339	91	357	16
29	31	3	314	17	33	49	68	60	83	166	185	178	239	223	252	259	258	285	342	50	55	45	33	46	21	342	3
30	38	58	53	10	82	201	81	91	183	223	230	176	184	239	255	255	268	305	30	51	20	42	60	67	64	305	10
31	65	341	94	60	53	76	42	348	278	206	211	223	221	208	219	249	257	272	313	58	23	339	39	161	322	348	23
Avg	50	51	46	41	56	62	59	67	110	144	159	172	201	229	229	245	243	268	348	49	40	42	52	41	62	--	--
Max	353	341	355	352	258	359	346	348	301	316	237	253	292	350	289	301	278	305	357	358	351	352	332	354	--	359	--
Min	8	3	15	2	24	4	42	18	32	1	59	65	35	75	49	71	32	47	2	3	7	4	8	3	--	--	1

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, WD_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	46	291	4	344	55	56	360	42	101	190	235	244	234	216	241	235	263	275	304	0	35	341	291	39	319	360	0
2	321	29	314	11	103	38	67	315	249	243	228	160	150	177	168	140	267	274	4	39	115	76	58	64	60	321	4
3	66	103	101	67	83	88	53	78	63	59	60	63	64	31	32	33	307	278	70	86	166	48	72	88	66	307	31
4	73	83	71	68	64	55	24	356	6	11	25	62	156	84	127	56	222	290	333	317	25	58	73	32	45	356	6
5	292	311	329	290	24	9	12	43	267	241	262	172	258	258	256	252	270	291	329	3	85	55	321	326	308	329	3
6	355	91	37	106	39	27	19	58	117	210	202	248	260	277	266	262	276	283	358	359	44	30	355	309	346	359	19
7	359	13	136	30	32	358	17	305	256	269	239	237	245	271	269	265	275	289	348	37	265	257	276	70	302	359	13
8	71	61	61	106	59	72	89	75	89	153	152	146	97	34	64	71	68	33	62	124	59	157	294	22	80	294	22
9	44	61	59	52	292	104	62	38	111	85	88	60	86	57	63	69	50	59	37	47	71	93	40	43	62	292	37
10	100	112	110	73	83	80	111	105	105	92	89	100	74	191	190	43	155	90	72	74	86	85	70	141	98	191	43
11	93	86	70	61	8	62	67	63	65	56	93	68	161	150	156	135	142	92	65	55	68	80	110	97	86	161	8
12	98	92	80	78	87	118	104	126	84	94	96	111	111	74	60	74	54	90	183	305	13	13	112	91	87	305	13
13	102	111	281	297	336	39	62	83	72	68	91	116	126	62	298	235	263	305	326	2	46	357	53	30	35	357	2
14	350	59	13	42	23	75	72	350	97	105	86	113	116	122	234	242	273	306	349	36	18	341	312	5	32	350	5
15	13	272	33	62	33	353	320	307	80	136	146	105	107	223	205	121	218	342	330	29	237	57	51	59	43	353	13
16	341	39	326	80	83	59	78	95	57	114	124	185	199	195	217	236	278	19	55	92	72	83	90	117	88	341	19
17	112	69	103	128	176	247	91	320	289	264	257	234	251	266	271	252	258	285	340	357	16	61	27	333	293	357	16
18	318	301	323	333	309	281	304	311	64	68	84	58	56	60	47	58	61	64	54	51	62	58	50	48	30	333	47
19	44	39	29	42	57	56	55	60	53	52	73	44	52	49	134	56	56	54	59	56	61	350	302	61	50	350	29
20	66	85	60	56	47	11	43	19	351	23	36	52	74	67	93	53	279	298	68	332	120	175	68	93	50	351	11
21	106	72	67	76	70	73	57	111	85	202	205	218	243	279	270	269	263	261	254	179	331	8	50	53	82	331	8
22	25	241	355	17	30	17	22	314	189	184	255	257	257	262	260	265	271	287	309	8	53	71	330	64	317	355	8
23	301	48	357	305	49	51	45	52	44	47	72	105	99	151	218	235	267	317	29	72	71	329	324	319	26	357	29
24	304	140	84	351	266	216	52	48	63	65	63	90	82	86	172	125	61	332	244	200	126	100	133	83	90	351	48
25	56	58	58	55	47	54	62	61	56	53	53	54	59	54	44	48	57	55	49	48	44	45	50	310	51	310	44
26	32	43	53	59	64	54	62	76	88	97	94	68	75	51	44	44	76	221	6	302	133	159	204	202	71	302	6
27	217	206	250	264	272	275	293	5	185	223	253	227	242	249	252	251	242	256	238	168	321	314	115	178	245	321	5
28	119	185	197	130	204	251	226	224	225	199	170	191	213	227	217	209	206	11	347	342	252	253	265	316	222	347	11
29	300	54	94	89	85	93	44	23	150	209	199	238	280	263	240	263	266	306	359	338	38	31	63	55	9	359	23
30	81	73	69	72	57	43	308	328	287	341	126	142	125	227	282	269	263	129	49	308	60	87	112	65	57	341	43
Avg	39	67	46	50	48	48	45	34	81	110	121	127	135	166	221	231	268	321	8	24	57	48	41	49	50	--	--
Max	359	311	357	351	336	358	360	356	351	341	262	257	280	279	298	269	307	342	359	359	331	357	355	333	--	360	--
Min	13	13	4	11	8	9	12	5	6	11	25	44	52	31	32	33	50	11	4	0	13	8	27	5	--	--	0

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, WD_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	53	60	68	81	86	83	95	124	124	204	214	231	196	230	261	288	297	304	331	346	42	281	20	55	42	346	20
2	49	64	72	54	27	44	286	56	94	184	192	219	232	237	266	274	280	289	58	326	270	74	37	41	7	326	27
3	46	43	45	50	78	60	209	239	274	273	63	92	5	34	35	26	347	347	30	45	56	74	63	31	37	347	5
4	76	313	228	188	204	84	92	34	359	89	58	297	241	228	271	260	290	318	338	49	53	61	77	70	15	359	34
5	81	58	207	293	105	56	60	66	91	161	187	186	220	268	262	262	282	324	9	335	338	57	334	47	8	338	9
6	358	25	58	58	315	70	89	141	264	174	170	166	222	242	242	262	277	312	26	283	51	210	27	63	337	358	25
7	66	78	65	57	52	54	52	53	67	153	205	212	223	252	258	253	252	288	333	39	45	300	1	356	19	356	1
8	20	64	66	81	77	70	76	87	85	294	122	228	173	175	235	263	267	307	8	51	75	341	204	60	68	341	8
9	112	160	113	121	92	97	90	93	93	18	155	98	100	90	106	93	103	85	87	110	90	100	86	120	101	160	18
10	106	96	93	95	89	89	92	85	85	94	104	89	82	227	291	262	256	308	35	315	26	43	303	143	76	315	26
11	336	2	20	55	44	49	39	335	218	160	141	213	175	206	258	263	268	300	338	3	52	47	45	28	4	338	2
12	56	53	53	340	57	269	327	313	87	186	176	207	213	229	268	274	260	281	11	359	286	41	45	46	330	359	11
13	51	55	48	38	57	9	294	211	162	158	157	192	248	245	258	267	285	308	343	32	43	64	30	8	3	343	8
14	41	52	45	49	41	21	58	83	82	94	117	183	224	216	216	228	267	326	42	286	301	352	51	73	45	352	21
15	78	60	99	80	89	79	81	87	87	77	89	89	191	202	274	253	259	44	38	67	73	305	319	338	69	338	38
16	353	293	71	70	125	110	164	234	329	36	68	109	177	210	195	182	218	301	63	192	195	195	201	205	170	353	36
17	203	213	244	252	267	280	263	256	261	259	272	250	247	255	259	262	263	278	35	48	47	92	73	90	261	280	35
18	6	47	315	305	333	355	10	314	82	82	84	79	68	62	66	56	74	64	65	71	68	66	66	67	48	355	6
19	71	63	64	59	50	22	37	10	341	25	52	61	59	79	74	55	67	69	69	60	37	78	81	80	55	341	10
20	57	77	72	70	71	78	60	71	83	80	79	96	125	136	71	79	77	230	97	83	107	88	86	99	86	230	57
21	87	87	88	77	66	77	95	83	67	92	86	73	69	60	63	63	53	64	69	39	39	88	141	157	77	157	39
22	79	67	95	133	155	149	158	126	137	157	157	264	247	243	233	266	187	262	231	272	281	259	236	245	201	281	67
23	196	203	264	107	127	268	267	165	176	180	197	201	250	--	--	--	--	--	--	--	--	--	--	--	201	268	107
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	58	60	68	67	72	59	68	81	91	132	133	169	198	217	256	268	275	317	29	22	41	52	48	63	63	--	--
Max	358	313	315	340	333	355	327	335	359	294	272	297	250	268	291	288	347	347	343	359	338	352	334	356	--	359	--
Min	6	2	20	38	27	9	10	10	67	18	52	61	5	34	35	26	53	44	8	3	26	41	1	8	--	--	1

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, WS_ms_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.4	1.2	1.9	4.1	4.9	3.8	2.4	4.1	2.4	1.3	1.8	1.9	2.1	3.3	3.4	3.9	3.0	2.5	0.5	1.9	3.2	3.7	4.8	3.8	2.8	4.9	0.5
2	0.7	0.9	1.7	2.8	1.7	2.2	1.5	4.7	5.7	2.2	2.7	4.2	3.0	2.2	1.5	2.8	3.6	2.8	4.6	5.8	5.0	3.8	0.8	0.9	2.8	5.8	0.7
3	1.5	1.6	0.9	0.9	1.3	1.2	0.7	1.0	1.7	4.2	4.3	4.6	5.3	5.4	4.9	5.1	5.2	4.3	1.6	0.8	0.5	0.4	0.8	1.7	2.5	5.4	0.4
4	2.1	1.7	1.7	2.3	2.3	3.0	3.0	1.9	1.1	1.3	2.9	3.3	2.9	2.9	3.6	3.6	3.6	3.2	0.9	0.6	1.2	0.9	1.0	1.5	2.2	3.6	0.6
5	1.7	2.3	2.6	3.3	4.3	4.9	5.5	5.0	2.6	2.1	2.8	2.5	3.3	4.9	4.4	4.4	2.7	2.7	1.6	0.6	1.2	1.0	1.2	0.6	2.8	5.5	0.6
6	0.3	0.3	0.7	2.2	2.6	1.7	0.6	1.1	2.2	1.6	1.6	2.0	2.8	2.5	2.4	2.4	3.5	3.3	1.7	0.3	0.2	1.9	2.6	3.1	1.8	3.5	0.2
7	2.9	2.6	2.2	1.5	2.1	1.7	1.6	2.9	2.7	3.8	3.6	3.9	3.4	2.8	3.9	3.8	3.6	4.0	3.9	4.8	5.7	5.1	3.3	4.9	3.4	5.7	1.5
8	3.0	2.9	3.9	2.6	4.4	4.0	6.7	7.3	6.7	6.4	4.5	3.8	3.5	4.5	4.6	3.0	3.4	2.1	1.9	8.9	8.2	7.3	5.4	6.0	4.8	8.9	1.9
9	5.9	6.8	6.3	5.9	7.3	6.2	7.0	7.0	5.1	3.6	3.4	2.6	2.6	1.6	1.8	2.0	1.8	2.5	1.2	1.3	2.3	2.8	4.3	4.4	4.0	7.3	1.2
10	5.4	5.5	6.6	4.0	3.3	2.5	2.2	2.1	2.1	2.8	2.5	3.3	3.6	4.6	3.3	4.1	3.4	2.5	0.8	1.6	3.2	4.0	4.0	1.4	3.3	6.6	0.8
11	0.6	0.8	0.9	1.0	2.4	4.0	5.6	5.6	3.7	1.4	3.2	4.0	5.1	5.6	5.3	4.2	4.4	3.7	1.2	1.3	1.3	1.0	0.7	1.6	2.9	5.6	0.6
12	0.8	1.2	2.0	3.6	3.0	1.4	1.5	4.6	4.5	1.5	2.0	1.9	2.2	2.9	3.2	3.9	3.7	2.7	0.9	1.8	1.7	0.6	1.2	0.5	2.2	4.6	0.5
13	0.4	0.9	0.7	0.7	1.4	1.0	0.8	0.6	0.6	1.1	1.3	1.6	2.3	3.1	3.1	2.8	3.3	2.9	1.2	0.7	0.3	1.6	2.5	0.9	1.5	3.3	0.3
14	1.4	1.0	1.1	3.5	4.7	1.9	4.6	5.2	4.1	1.7	1.7	2.5	2.6	2.7	2.9	2.5	2.9	2.4	0.5	0.5	0.8	1.0	0.8	1.5	2.3	5.2	0.5
15	1.0	0.5	0.6	2.2	2.3	3.2	4.5	4.0	4.9	2.0	1.7	2.6	3.6	3.7	3.8	3.9	3.5	2.5	1.3	1.4	1.3	0.5	0.3	0.4	2.3	4.9	0.3
16	0.9	0.5	0.9	1.1	1.5	1.1	3.1	1.5	1.8	1.8	2.4	2.0	4.0	4.1	3.5	4.1	3.4	1.9	1.2	1.0	0.7	0.9	0.9	0.8	1.9	4.1	0.5
17	0.6	0.9	0.6	0.7	1.8	1.8	1.0	1.2	0.7	1.8	3.5	3.0	4.0	4.5	4.4	4.3	4.4	3.1	1.3	0.6	0.6	1.8	1.3	0.3	2.0	4.5	0.3
18	0.3	0.6	1.5	1.1	0.5	0.5	0.4	1.5	1.2	1.2	2.1	2.5	2.4	3.4	4.0	4.2	3.1	2.5	1.4	0.5	0.7	0.7	0.8	0.2	1.6	4.2	0.2
19	0.7	0.5	0.4	0.8	1.9	1.8	3.7	2.5	2.5	1.9	4.8	2.1	2.2	2.7	2.2	2.5	3.6	2.6	1.1	0.7	1.5	1.8	5.1	8.8	2.4	8.8	0.4
20	5.8	3.1	2.8	3.2	1.8	2.1	3.5	4.7	4.2	7.1	8.1	6.4	6.0	5.2	4.7	3.8	2.8	3.9	3.2	4.1	5.9	5.5	6.9	4.6	4.6	8.1	1.8
21	4.0	2.6	3.9	8.6	9.2	5.5	4.2	6.4	8.0	8.4	8.3	6.9	5.9	4.1	2.5	1.7	2.0	1.6	2.3	3.2	4.4	5.1	4.8	3.7	4.9	9.2	1.6
22	2.9	2.4	2.1	2.5	2.5	2.6	4.4	4.9	2.6	3.0	3.8	3.6	2.6	2.6	3.6	3.7	3.9	2.6	0.6	1.1	0.6	0.4	0.5	0.6	2.5	4.9	0.4
23	0.3	0.3	0.8	1.7	1.8	3.4	3.8	2.6	1.8	1.1	1.6	2.9	3.2	3.1	2.5	2.3	2.3	1.9	0.5	0.4	1.0	1.0	1.9	0.7	1.8	3.8	0.3
24	1.8	2.1	1.7	0.8	0.7	0.8	1.9	5.1	3.8	2.1	2.2	2.3	2.0	3.0	3.7	2.4	1.9	1.2	1.1	1.4	6.6	3.8	1.3	1.0	2.3	6.6	0.7
25	1.6	0.7	0.8	1.3	2.6	2.7	5.2	4.4	2.9	1.5	1.7	2.4	2.4	2.2	3.6	3.7	3.5	2.6	1.5	2.0	2.8	4.9	4.9	3.4	2.7	5.2	0.7
26	3.0	3.7	3.8	4.6	3.2	3.1	1.5	2.2	1.8	2.0	4.0	3.3	2.5	2.5	3.6	2.5	2.9	1.7	3.5	2.0	3.8	4.4	4.6	4.5	3.1	4.6	1.5
27	7.2	6.6	5.1	4.1	3.0	2.7	4.4	4.7	4.2	4.6	7.2	7.3	5.4	3.7	3.4	2.0	2.0	2.8	3.5	4.0	5.8	6.5	5.9	6.6	4.7	7.3	2.0
28	4.9	3.4	6.0	6.5	5.6	4.4	5.1	3.9	3.1	2.8	2.2	3.6	3.4	3.3	4.2	3.7	3.8	2.7	0.9	1.4	1.6	1.5	1.3	0.2	3.3	6.5	0.2
29	0.8	0.9	0.3	1.0	2.7	2.3	3.8	2.2	3.2	1.5	2.1	2.2	2.1	2.0	3.2	3.4	3.1	2.5	1.3	2.4	2.5	2.1	2.4	1.3	2.1	3.8	0.3
30	2.5	2.0	2.6	1.6	4.8	1.4	5.1	3.8	2.0	2.1	1.8	5.1	3.5	4.6	4.8	4.7	2.9	1.2	1.5	1.8	1.4	1.5	0.5	1.2	2.7	5.1	0.5
31	1.4	1.2	0.6	1.3	1.4	1.2	0.9	0.8	0.7	1.3	2.5	4.2	4.3	3.6	4.7	4.1	3.1	2.8	1.2	0.5	0.8	0.9	0.8	0.6	1.9	4.7	0.5
Avg	2.2	2.0	2.2	2.6	3.0	2.6	3.2	3.5	3.1	2.6	3.2	3.4	3.4	3.5	3.6	3.4	3.2	2.6	1.6	1.9	2.5	2.5	2.5	2.3	2.8	--	--
Max	7.2	6.8	6.6	8.6	9.2	6.2	7.0	7.3	8.0	8.4	8.3	7.3	6.0	5.6	5.3	5.1	5.2	4.3	4.6	8.9	8.2	7.3	6.9	8.8	--	9.2	--
Min	0.3	0.3	0.3	0.7	0.5	0.5	0.4	0.6	0.6	1.1	1.3	1.6	2.0	1.6	1.5	1.7	1.8	1.2	0.5	0.3	0.2	0.4	0.3	0.2	--	--	0.2

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, WS_ms_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.9	1.6	1.1	0.7	1.0	1.0	0.5	0.8	1.2	1.0	1.7	3.4	4.1	4.1	4.6	3.7	3.1	2.6	1.2	0.5	1.1	0.7	0.7	0.8	1.8	4.6	0.5
2	0.8	1.5	0.9	0.4	1.2	1.6	2.0	0.9	1.5	1.9	1.9	4.1	4.7	3.6	3.9	3.3	4.3	2.2	0.3	0.9	3.8	5.9	6.8	7.6	2.8	7.6	0.3
3	11.8	4.7	3.3	7.6	4.5	5.4	3.1	6.3	10.2	11.1	10.1	8.3	6.7	6.7	7.9	6.9	4.9	3.9	2.5	3.1	1.6	4.2	8.8	6.1	6.2	11.8	1.6
4	7.0	6.4	9.0	8.2	7.4	6.1	7.9	3.6	6.3	5.1	7.2	8.5	2.6	3.1	1.6	1.6	2.3	1.7	0.8	0.4	0.9	2.7	1.6	1.0	4.3	9.0	0.4
5	0.7	0.6	0.9	1.1	1.3	1.6	1.3	1.8	1.5	2.4	1.9	2.2	2.7	3.6	3.0	3.2	3.1	2.1	1.5	0.7	1.0	1.4	0.4	0.9	1.7	3.6	0.4
6	0.7	0.7	1.6	1.9	1.6	1.2	1.5	3.8	2.9	1.2	1.2	2.2	2.9	2.7	3.5	2.9	3.1	1.9	0.5	0.7	1.5	0.8	0.8	0.9	1.8	3.8	0.5
7	0.3	1.0	1.1	1.2	1.6	1.3	1.5	1.6	1.1	1.3	1.6	1.9	3.0	3.3	3.2	3.1	3.0	1.1	1.0	0.9	1.1	2.7	2.7	4.1	1.9	4.1	0.3
8	9.1	11.9	10.2	4.3	8.2	8.1	6.7	4.1	4.3	3.8	3.7	3.3	4.7	4.1	4.8	6.6	6.2	3.3	2.2	2.2	3.4	2.9	2.1	2.8	5.1	11.9	2.1
9	3.6	4.1	2.9	5.3	3.6	2.4	3.8	3.0	3.5	7.4	5.6	4.5	8.9	7.0	5.4	5.1	3.0	2.5	1.8	2.1	3.3	2.5	2.0	1.5	3.9	8.9	1.5
10	2.8	3.8	4.1	5.1	5.2	4.4	4.2	3.5	5.1	10.1	8.2	8.5	4.9	3.9	3.2	2.8	3.0	3.5	5.4	5.6	5.3	3.3	3.3	2.6	4.7	10.1	2.6
11	2.9	4.9	4.4	3.7	3.4	9.1	8.7	8.4	8.0	8.5	6.1	4.2	2.7	2.9	2.8	2.9	3.0	3.4	5.0	4.5	5.3	3.7	2.1	2.1	4.7	9.1	2.1
12	4.4	4.7	3.7	4.1	4.4	4.0	3.4	4.2	5.1	4.7	6.0	4.8	3.6	2.6	2.3	2.9	2.9	2.5	1.1	1.3	1.1	1.0	2.1	1.7	3.3	6.0	1.0
13	2.0	2.0	1.8	1.5	1.0	2.7	4.0	4.7	5.9	5.9	6.2	3.8	3.7	2.5	2.9	3.7	2.9	1.9	1.3	0.8	1.3	1.1	1.8	1.1	2.8	6.2	0.8
14	0.9	2.7	1.6	1.1	2.6	7.3	3.9	1.3	2.2	3.8	5.7	3.1	3.1	2.2	2.4	3.0	2.5	1.5	0.9	1.6	1.8	1.0	0.8	0.9	2.4	7.3	0.8
15	1.9	1.3	1.4	2.7	2.6	2.1	1.4	1.6	3.7	3.3	2.3	2.0	2.1	1.8	1.8	3.7	2.6	1.2	0.6	1.6	1.7	1.9	1.9	2.5	2.1	3.7	0.6
16	1.0	1.3	1.3	5.4	3.8	3.3	3.8	4.0	3.9	2.8	2.6	4.1	3.8	3.2	3.9	3.4	2.6	1.1	1.4	1.3	1.0	1.4	1.1	1.6	2.6	5.4	1.0
17	0.9	0.8	1.0	1.1	1.3	3.7	0.4	0.9	1.8	2.9	3.1	2.5	3.2	3.4	3.7	3.1	2.6	2.1	1.0	0.6	1.3	0.7	1.4	1.1	1.9	3.7	0.4
18	1.2	1.3	0.5	0.5	0.4	1.5	1.0	3.0	5.0	3.6	2.8	4.6	6.5	4.9	3.0	3.5	3.0	3.0	4.6	4.1	5.0	4.5	5.7	6.2	3.3	6.5	0.4
19	5.5	5.1	5.5	6.0	7.5	7.0	7.1	8.7	8.4	7.6	4.3	6.5	6.4	7.0	3.2	3.8	6.6	6.7	7.8	7.4	6.0	3.1	3.5	8.3	6.2	8.7	3.1
20	7.4	4.3	4.1	4.0	4.5	4.0	3.2	3.9	3.2	3.7	4.1	5.0	2.5	4.2	3.7	2.3	1.9	1.2	1.3	1.8	3.0	1.6	2.5	2.7	3.3	7.4	1.2
21	5.8	6.9	4.8	5.2	6.4	5.5	4.8	2.4	1.4	2.9	4.1	5.0	6.5	6.6	5.7	6.0	4.6	3.6	2.4	0.4	0.2	0.8	0.6	1.1	3.9	6.9	0.2
22	1.3	0.6	0.6	1.1	0.6	0.8	1.4	0.3	0.4	0.9	1.4	2.0	2.3	2.7	3.0	2.5	2.9	1.6	0.8	1.0	2.2	1.3	1.1	3.0	1.5	3.0	0.3
23	1.7	2.7	2.6	1.9	3.6	3.9	4.9	7.4	6.4	6.4	5.6	5.4	3.7	2.2	2.2	2.0	2.7	1.5	1.1	1.7	2.3	1.1	1.0	0.8	3.1	7.4	0.8
24	0.9	3.5	5.1	1.7	2.9	5.6	12.1	10.9	9.0	9.2	10.6	7.3	10.5	7.7	3.4	2.4	2.4	1.9	1.9	1.9	2.9	3.6	3.4	3.7	5.2	12.1	0.9
25	6.1	5.9	6.2	7.1	5.1	6.5	6.9	6.5	7.0	7.8	9.4	8.6	7.8	7.2	5.0	5.5	7.7	7.6	6.5	5.2	5.6	4.7	5.4	3.7	6.5	9.4	3.7
26	4.3	6.2	5.6	5.5	4.6	6.2	5.6	4.0	4.6	6.5	8.2	7.5	5.5	5.0	4.5	3.7	2.7	1.6	1.4	0.9	1.4	1.9	2.4	4.2	4.3	8.2	0.9
27	5.4	6.0	7.2	4.6	3.0	1.8	1.0	1.1	1.1	2.3	3.6	4.4	5.1	5.7	5.6	5.7	4.2	3.1	3.3	1.9	3.9	3.5	1.3	0.7	3.6	7.2	0.7
28	0.7	0.8	0.3	0.9	1.1	1.1	0.8	1.6	2.6	3.0	1.8	2.2	2.3	3.8	4.8	3.4	1.6	1.0	0.9	0.7	1.2	0.4	0.7	0.8	1.6	4.8	0.3
29	0.9	0.6	0.4	0.3	0.2	0.4	0.9	1.2	0.6	1.0	1.6	2.0	2.2	3.2	3.7	2.6	3.2	2.2	0.9	0.4	0.8	1.4	2.1	2.1	1.5	3.7	0.2
30	3.7	3.5	3.7	6.1	3.9	4.3	2.3	2.2	2.5	2.6	2.4	2.3	1.9	2.1	2.2	3.2	2.2	0.7	0.8	1.7	1.2	3.3	2.2	1.6	2.6	6.1	0.7
Avg	3.2	3.4	3.2	3.3	3.3	3.8	3.7	3.6	4.0	4.5	4.5	4.5	4.3	4.1	3.7	3.6	3.4	2.5	2.1	1.9	2.4	2.3	2.4	2.6	3.3	--	--
Max	11.8	11.9	10.2	8.2	8.2	9.1	12.1	10.9	10.2	11.1	10.6	8.6	10.5	7.7	7.9	6.9	7.7	7.6	7.8	7.4	6.0	5.9	8.8	8.3	--	12.1	--
Min	0.3	0.6	0.3	0.3	0.2	0.4	0.4	0.3	0.4	0.9	1.2	1.9	1.9	1.8	1.6	1.6	1.6	0.7	0.3	0.4	0.2	0.4	0.4	0.7	--	--	0.2

SAROAD for Resolution, West_Plant
"Component, Channel: Table100, WS_ms_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.1	2.2	3.5	3.7	3.8	3.1	3.2	2.3	2.3	1.0	1.9	1.8	2.6	3.1	2.6	2.9	2.6	1.1	0.4	0.5	1.0	0.8	0.8	0.9	2.1	3.8	0.4
2	1.6	1.5	2.6	2.1	0.7	0.6	0.5	1.5	1.4	2.1	1.1	3.0	3.3	2.3	3.3	2.7	1.8	1.8	1.0	0.5	0.7	4.3	11.2	11.2	2.6	11.2	0.5
3	8.4	10.1	10.0	8.3	6.9	5.0	3.8	3.6	3.6	2.3	3.4	5.0	3.9	4.8	3.3	2.2	2.8	3.0	3.6	4.3	5.4	4.0	3.5	1.6	4.7	10.1	1.6
4	3.3	1.6	2.7	2.7	3.3	5.5	4.9	4.4	5.5	4.5	2.6	2.1	1.5	1.7	2.1	2.4	1.7	1.4	0.6	2.1	1.2	2.4	4.0	2.5	2.8	5.5	0.6
5	5.0	3.7	1.0	1.5	1.9	2.2	3.7	2.6	3.6	2.2	1.5	2.8	3.0	3.5	3.6	3.7	2.4	1.1	0.9	0.6	0.3	0.6	0.8	1.3	2.2	5.0	0.3
6	0.5	1.4	1.6	1.6	1.0	2.2	2.7	1.7	1.0	0.7	2.6	4.0	4.0	4.4	3.7	2.9	2.4	1.7	1.6	0.8	0.8	0.3	0.2	1.0	1.9	4.4	0.2
7	0.7	0.6	0.8	0.9	1.9	2.2	2.5	2.0	2.4	1.4	1.5	1.7	2.3	3.3	3.8	3.0	2.3	1.9	0.9	1.1	1.3	0.4	0.5	0.8	1.7	3.8	0.4
8	1.0	2.6	2.4	4.5	3.8	2.8	2.7	3.5	4.4	1.6	1.4	2.2	2.1	2.5	3.1	3.6	2.4	1.8	0.9	1.5	1.0	0.6	0.9	1.4	2.3	4.5	0.6
9	2.1	2.6	2.8	2.8	3.4	3.3	4.1	4.6	4.8	2.9	2.9	4.2	4.0	3.9	2.9	3.2	2.5	4.1	4.9	2.6	3.3	3.0	2.2	2.8	3.3	4.9	2.1
10	3.4	4.2	5.3	4.2	4.8	3.9	4.3	4.2	4.3	3.7	2.2	3.0	2.0	4.1	3.3	2.7	1.7	1.5	1.4	1.1	1.1	1.1	0.7	0.4	2.9	5.3	0.4
11	0.5	1.0	1.1	2.7	0.8	1.2	1.7	1.0	0.8	1.2	0.9	1.7	1.9	2.1	3.8	3.1	2.6	1.7	0.6	1.2	1.7	0.8	1.5	1.2	1.5	3.8	0.5
12	1.4	2.4	2.1	0.4	1.8	0.7	0.5	1.2	2.7	1.9	1.6	1.8	2.1	2.4	3.8	3.2	2.8	2.1	0.8	0.6	0.5	0.3	1.0	1.6	1.7	3.8	0.3
13	0.8	1.1	2.0	1.1	2.1	0.5	0.7	1.3	1.5	1.8	1.5	2.2	1.7	2.4	2.8	3.0	2.5	1.2	0.3	1.1	0.8	3.4	1.5	1.2	1.6	3.4	0.3
14	1.9	2.5	2.5	2.4	1.6	1.1	3.5	5.5	4.4	3.1	2.9	2.2	1.9	2.4	1.6	1.9	2.5	1.2	1.2	0.8	0.5	0.8	2.8	3.6	2.3	5.5	0.5
15	5.4	5.0	4.3	5.9	3.3	6.0	6.7	6.3	5.7	4.5	3.1	2.3	2.6	1.5	2.4	2.5	2.0	1.2	1.0	1.4	1.1	1.0	1.4	1.6	3.3	6.7	1.0
16	1.3	1.9	1.6	2.2	1.5	2.9	2.2	1.1	1.0	1.2	2.0	1.8	2.6	2.1	1.7	2.4	3.5	1.3	1.3	4.8	6.6	7.7	8.0	7.4	2.9	8.0	1.0
17	8.1	7.3	7.2	6.5	6.9	7.1	5.3	4.1	4.6	4.4	3.2	2.9	2.9	2.7	2.8	3.1	3.1	1.3	0.8	1.8	2.1	2.0	4.2	2.4	4.0	8.1	0.8
18	1.3	2.6	2.2	1.3	1.0	0.8	2.0	2.0	8.6	10.0	9.7	9.0	9.1	7.4	6.2	5.3	4.4	5.9	8.3	6.1	8.3	6.7	10.0	9.7	5.7	10.0	0.8
19	10.0	10.4	11.7	11.6	9.4	5.0	7.0	5.9	5.8	7.0	6.6	13.3	9.6	5.9	6.8	8.0	8.5	8.6	8.7	7.4	3.7	7.5	6.7	6.0	8.0	13.3	3.7
20	4.8	7.4	5.9	6.0	4.9	6.0	4.9	5.4	6.7	4.2	6.3	4.1	2.7	3.0	3.5	3.8	4.0	3.1	4.2	5.1	2.9	3.8	2.7	3.6	4.5	7.4	2.7
21	4.7	4.4	4.9	4.5	6.0	6.9	5.0	5.7	7.5	5.5	5.5	4.7	5.0	4.7	4.8	4.6	5.0	8.6	6.4	4.0	3.6	3.8	3.9	2.6	5.1	8.6	2.6
22	3.0	6.4	7.4	5.5	3.2	1.7	1.5	2.3	3.4	1.6	2.1	5.0	4.8	6.1	4.4	2.9	1.4	1.7	0.6	1.1	1.3	1.7	0.6	0.4	2.9	7.4	0.4
23	0.9	1.5	0.9	0.7	0.9	1.4	0.8	0.3	1.1	1.3	1.3	1.9	1.9	--	--	--	--	--	--	--	--	--	--	--	1.1	1.9	0.3
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	3.1	3.7	3.8	3.6	3.2	3.1	3.2	3.1	3.8	3.0	2.9	3.6	3.4	3.5	3.5	3.3	2.9	2.6	2.3	2.3	2.2	2.6	3.2	3.0	3.1	--	--
Max	10.0	10.4	11.7	11.6	9.4	7.1	7.0	6.3	8.6	10.0	9.7	13.3	9.6	7.4	6.8	8.0	8.5	8.6	8.7	7.4	8.3	7.7	11.2	11.2	--	13.3	--
Min	0.5	0.6	0.8	0.4	0.7	0.5	0.5	0.3	0.8	0.7	0.9	1.7	1.5	1.5	1.6	1.9	1.4	1.1	0.3	0.5	0.3	0.3	0.2	0.4	--	--	0.2

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, BP_mmHg"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	702	702	702	702	702	702	702	702	703	703	702	702	701	701	700	700	700	700	700	700	700	700	700	700	701	703	700
2	701	701	701	700	701	700	701	701	701	701	701	700	700	700	700	699	699	699	699	699	699	698	699	698	700	701	698
3	698	698	698	698	698	698	698	699	699	699	699	699	--	698	697	697	697	697	697	697	697	697	697	697	698	699	697
4	697	697	697	697	697	698	698	698	698	698	699	698	698	698	697	697	697	697	697	697	698	698	698	698	698	699	697
5	698	698	698	698	698	698	699	699	699	699	699	699	698	698	697	697	697	697	697	697	697	697	698	698	698	699	697
6	698	698	698	698	698	699	699	699	700	700	700	698	696	696	696	696	696	696	696	696	696	696	696	696	697	700	696
7	696	696	696	698	699	699	699	699	699	699	699	699	698	696	696	696	696	696	696	696	696	696	696	698	697	699	696
8	697	696	696	699	699	699	699	699	699	699	699	699	698	696	696	696	696	696	696	699	699	699	699	699	698	699	696
9	699	699	699	699	699	699	699	699	700	701	701	699	699	699	699	699	699	699	699	699	699	699	699	699	699	701	699
10	699	699	699	699	699	699	699	699	700	701	700	699	699	699	699	699	699	699	699	699	699	699	699	699	699	701	699
11	699	699	699	699	699	699	699	699	699	701	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	701	699
12	699	699	699	699	699	699	699	699	699	699	699	699	699	699	697	699	696	696	697	699	699	699	699	699	699	699	696
13	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699
14	699	699	699	699	699	699	699	699	699	699	699	699	699	699	696	696	696	696	696	696	696	696	698	697	698	699	696
15	699	699	699	698	699	699	699	699	699	699	699	699	699	697	696	696	696	696	696	696	696	698	699	699	698	699	696
16	699	699	699	699	699	699	699	699	699	699	699	699	699	696	696	696	696	696	696	696	696	696	696	696	697	699	696
17	696	696	696	696	696	696	696	696	696	696	696	--	--	--	--	--	--	--	--	--	--	--	--	--	696	696	696
18	--	--	--	--	--	--	--	--	--	702	702	702	701	701	700	700	700	700	700	701	701	701	701	702	701	702	700
19	702	702	702	702	702	703	703	703	704	704	704	703	703	702	702	702	702	702	702	703	703	703	704	703	703	704	702
20	703	703	704	703	704	704	704	705	705	705	705	705	704	703	703	703	703	703	703	704	704	704	704	704	704	705	703
21	704	705	704	704	704	704	705	705	705	705	704	704	703	702	702	702	701	701	701	702	702	702	702	702	703	705	701
22	702	702	702	702	702	702	702	703	703	703	703	702	702	701	701	701	701	701	701	701	702	702	703	703	702	703	701
23	703	703	703	704	704	704	704	705	705	705	705	705	705	704	704	704	703	703	704	704	704	705	705	705	704	705	703
24	705	705	705	705	705	705	706	706	706	706	706	706	705	705	704	704	704	704	704	704	705	705	705	705	705	706	704
25	705	705	705	705	705	705	705	705	706	706	705	705	704	704	703	703	703	703	704	704	704	704	704	705	704	706	703
26	705	705	705	704	705	705	705	705	706	706	706	705	704	703	703	703	702	702	703	703	703	704	704	704	704	706	702
27	704	704	704	704	704	704	704	705	705	705	705	704	703	703	702	702	702	702	702	702	702	702	702	702	703	705	702
28	702	702	702	702	702	702	702	703	703	703	703	703	702	702	702	702	701	702	702	702	703	703	703	703	702	703	701
29	703	704	704	703	704	704	704	705	705	705	705	705	704	703	703	703	703	703	704	704	704	704	704	704	704	705	703
30	704	704	704	704	704	704	704	704	705	705	705	704	704	703	703	703	703	702	703	703	703	703	703	703	704	705	702
31	703	703	703	702	702	702	703	703	703	703	703	703	702	701	701	701	700	700	700	700	701	701	701	701	702	703	700
Avg	701	701	701	701	701	701	701	701	702	702	702	701	701	700	700	700	700	700	700	700	700	700	701	701	701	--	--
Max	705	705	705	705	705	705	706	706	706	706	706	706	705	705	704	704	704	704	704	704	705	705	705	705	--	706	--
Min	696	696	696	696	696	696	696	696	696	696	696	698	696	696	696	696	696	696	696	696	696	696	696	696	--	--	696

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, BP_mmHg"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	701	702	702	701	701	701	702	702	702	702	702	702	701	701	701	701	701	700	701	701	701	702	702	702	701	702	700
2	702	702	702	702	702	702	702	703	703	703	703	702	702	702	701	701	701	702	702	702	703	704	704	704	702	704	701
3	704	704	704	704	705	705	705	705	705	705	705	705	704	704	703	703	704	705	705	705	705	705	704	704	704	705	703
4	704	704	704	704	705	705	705	706	707	707	706	705	705	704	704	704	704	704	705	705	705	705	705	705	705	707	704
5	705	705	705	705	704	705	705	705	705	705	705	704	704	703	703	703	703	703	703	704	704	704	704	704	704	705	703
6	704	704	704	704	704	704	705	705	705	705	705	705	704	704	704	704	704	704	704	705	705	705	705	705	704	705	704
7	705	705	705	705	705	706	706	706	707	707	707	706	706	705	705	705	705	705	705	706	706	706	706	706	706	707	705
8	706	706	706	706	706	707	707	707	708	708	708	708	707	706	706	706	706	706	707	707	707	707	708	708	707	708	706
9	708	707	707	707	707	707	708	708	708	708	708	707	706	706	705	705	705	705	706	706	706	707	707	707	707	708	705
10	707	707	707	707	707	707	707	707	707	707	707	706	706	705	705	705	705	706	706	706	706	707	707	707	706	707	705
11	707	707	707	707	707	707	708	708	708	708	708	707	707	706	706	706	706	706	706	706	707	707	707	707	707	708	706
12	707	707	707	707	708	708	708	708	708	708	708	707	707	706	705	705	705	705	705	706	706	706	706	707	707	708	705
13	706	706	706	706	706	706	707	707	707	707	707	707	706	705	705	705	705	705	705	706	706	706	706	706	706	707	705
14	706	706	706	706	706	706	707	707	708	708	708	707	707	706	705	705	705	705	706	706	706	706	706	706	706	708	705
15	706	706	706	706	706	706	706	706	706	706	706	705	704	704	703	703	702	703	703	703	703	703	703	703	704	706	702
16	703	702	702	702	701	701	701	702	702	701	701	700	700	699	699	699	698	698	698	698	698	698	697	697	700	703	697
17	697	697	697	697	698	699	699	700	701	701	702	702	702	701	701	701	701	702	702	703	703	704	704	704	701	704	697
18	704	705	705	705	705	705	706	707	707	707	707	707	707	706	706	705	705	706	706	706	706	707	707	707	706	707	704
19	707	707	707	707	707	707	707	708	708	708	708	708	707	706	705	705	705	705	705	706	706	706	706	705	706	708	705
20	705	705	705	705	705	705	705	705	705	705	705	705	704	703	703	703	703	703	703	703	703	703	703	703	704	705	703
21	703	702	702	702	701	701	701	701	701	701	701	701	700	700	701	701	701	702	702	702	703	703	703	703	702	703	700
22	704	704	704	704	704	704	704	705	705	706	706	705	705	704	704	705	705	705	706	706	706	706	706	706	705	706	704
23	706	705	705	705	705	705	705	706	706	706	706	705	705	704	704	704	704	704	704	705	705	705	705	706	705	706	704
24	706	706	706	706	706	706	707	707	707	707	707	707	706	705	705	705	705	705	705	705	706	706	706	706	706	707	705
25	706	706	706	706	706	707	707	707	708	708	707	707	706	706	706	705	705	705	706	706	706	706	706	706	706	708	705
26	706	706	706	706	705	705	705	705	705	705	704	704	703	702	701	701	701	701	701	701	702	701	702	702	703	706	701
27	701	701	702	702	703	703	703	703	703	703	703	702	702	701	700	700	700	699	700	699	700	701	701	701	701	703	699
28	701	701	701	701	701	701	701	701	702	702	702	701	700	699	698	698	698	698	698	698	698	698	699	699	700	702	698
29	699	699	699	699	699	699	700	700	701	702	702	702	702	702	702	702	702	703	703	704	704	704	705	705	702	705	699
30	705	705	705	705	704	704	705	705	705	705	705	705	704	703	703	703	703	702	702	702	702	702	702	703	704	705	702
Avg	704	704	704	704	704	704	705	705	705	705	705	705	704	704	703	703	703	703	704	704	704	704	704	704	704	--	--
Max	708	707	707	707	708	708	708	708	708	708	708	708	707	706	706	706	706	706	707	707	707	707	708	708	--	708	--
Min	697	697	697	697	698	699	699	700	701	701	701	700	700	699	698	698	698	698	698	698	698	698	697	697	--	--	697

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, BP_mmHg"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	703	703	703	702	702	702	702	702	703	703	702	702	701	701	701	700	700	700	700	701	701	701	701	701	702	703	700
2	700	700	700	700	700	700	700	701	701	701	701	701	700	700	700	700	701	701	701	701	701	701	700	700	700	701	700
3	700	700	700	700	700	701	701	701	702	702	702	702	701	701	701	701	701	701	702	702	703	703	703	704	701	704	700
4	703	704	704	704	704	704	704	704	704	705	705	704	704	703	703	702	702	702	703	703	703	703	703	703	703	705	702
5	702	702	702	702	701	701	701	702	702	702	702	702	701	701	701	700	700	701	701	701	701	701	701	702	701	702	700
6	702	702	702	701	701	701	701	701	702	702	702	702	701	700	700	700	700	700	700	701	701	701	701	702	701	702	700
7	701	701	702	702	702	702	703	703	704	704	704	704	703	703	703	703	704	704	704	705	705	705	706	706	703	706	701
8	706	706	706	706	706	706	707	707	708	708	708	708	708	707	707	707	707	707	707	708	708	708	709	709	707	709	706
9	708	708	708	708	708	708	709	709	709	709	709	709	708	707	707	706	706	706	706	706	707	707	707	707	708	709	706
10	707	707	707	706	706	706	706	706	706	707	707	706	705	705	704	704	704	704	704	705	705	705	705	705	705	707	704
11	704	704	704	704	704	704	704	705	705	705	706	705	704	704	703	703	704	704	704	704	704	704	704	704	704	706	703
12	704	704	704	704	704	704	704	704	704	705	705	705	704	703	703	703	703	703	704	704	704	704	705	705	704	705	703
13	705	705	704	704	704	704	705	705	706	706	706	706	705	705	704	704	704	704	704	705	705	705	705	706	705	706	704
14	706	706	706	705	705	706	706	706	706	707	707	706	705	705	705	705	705	705	705	705	705	706	706	705	706	707	705
15	705	705	705	705	705	705	704	705	705	705	705	704	703	703	703	702	702	702	702	702	702	702	703	703	704	705	702
16	702	703	703	702	701	701	701	701	701	702	702	701	700	699	698	698	698	697	697	697	697	697	696	696	700	703	696
17	695	695	695	696	697	698	700	701	702	703	704	704	704	703	704	704	704	705	705	706	706	706	706	706	702	706	695
18	706	706	706	706	706	706	706	706	707	707	707	707	706	705	705	705	705	706	706	707	707	708	708	708	706	708	705
19	708	708	708	708	708	709	709	709	710	710	710	710	709	709	708	708	708	708	709	709	709	709	710	710	709	710	708
20	710	710	710	710	710	710	710	710	711	711	710	709	709	708	707	707	707	707	707	707	707	707	707	707	709	711	707
21	707	707	707	707	707	707	707	707	707	707	707	707	706	706	705	705	705	705	705	705	705	705	706	705	706	707	705
22	704	703	703	703	703	702	702	703	703	703	702	702	702	701	702	702	703	703	703	704	704	705	705	705	703	705	701
23	705	705	705	705	705	705	705	705	706	706	706	706	705	705	704	704	704	704	704	703	703	703	703	702	704	706	702
24	701	701	700	700	699	699	698	699	699	699	698	698	696	695	694	696	698	698	698	699	699	699	699	700	698	701	694
25	700	700	701	701	702	702	703	703	704	705	705	705	705	705	705	705	705	705	706	706	706	706	707	707	704	707	700
26	707	707	707	707	707	707	708	708	708	709	709	708	708	708	707	707	707	707	707	708	708	708	708	708	708	709	707
27	708	708	708	708	708	708	708	708	709	709	709	708	708	707	707	706	706	706	706	707	707	707	708	708	708	709	706
28	708	708	708	707	707	707	707	707	708	708	708	708	708	707	707	707	707	707	707	707	708	708	708	708	708	708	707
29	708	708	708	707	707	707	707	708	708	708	709	708	708	708	707	707	707	707	708	708	708	708	709	708	708	709	707
30	708	708	707	707	706	706	706	706	706	706	706	705	704	703	702	702	701	701	701	701	701	701	701	701	704	708	701
31	701	701	701	701	700	700	701	701	701	702	702	702	701	701	701	701	701	701	701	701	701	701	701	700	701	702	700
Avg	704	704	704	704	704	704	704	705	705	705	705	705	704	704	703	703	704	704	704	704	704	704	704	704	704	--	--
Max	710	710	710	710	710	710	710	710	711	711	710	710	709	709	708	708	708	708	709	709	709	709	710	710	--	711	--
Min	695	695	695	696	697	698	698	699	699	699	698	698	696	695	694	696	698	697	697	697	697	697	696	696	--	--	694

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, DeltaT"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.54	2.12	1.28	1.24	1.54	1.56	1.40	0.14	-0.61	-0.84	-0.94	-1.17	-1.29	-1.40	-1.12	-0.86	-0.40	0.37	2.95	2.38	3.10	2.39	2.23	1.77	0.73	3.10	-1.40
2	2.46	1.80	1.53	1.41	1.72	2.04	1.79	1.25	0.33	-0.02	-0.38	-1.16	0.22	0.17	-0.08	0.26	0.58	0.33	0.35	0.53	0.71	0.89	0.98	0.82	0.77	2.46	-1.16
3	1.12	1.28	1.41	2.55	3.18	1.67	1.65	0.26	0.10	-0.05	-0.75	-0.98	--	-1.20	-1.29	-1.02	-0.46	0.29	1.84	2.89	1.90	1.34	1.98	2.12	0.86	3.18	-1.29
4	2.45	1.82	2.37	2.48	2.63	2.72	2.17	0.00	-0.57	-0.63	-1.02	-1.20	-1.52	-1.43	-1.43	-1.04	-0.54	0.42	3.17	2.96	2.84	2.57	1.93	1.90	0.96	3.17	-1.52
5	2.20	2.73	1.59	2.40	1.94	0.97	1.87	0.08	-0.60	-0.80	-0.98	-1.21	-1.48	-1.49	-1.38	-0.81	-0.38	1.00	3.79	3.36	1.64	1.96	2.23	1.86	0.85	3.79	-1.49
6	2.15	1.88	1.46	1.84	1.74	1.75	1.36	0.04	-0.70	-1.02	-0.98	-1.49	-1.28	-1.52	-1.18	-0.97	-0.61	0.27	2.05	2.70	1.93	1.52	2.37	2.40	0.66	2.70	-1.52
7	1.74	1.48	0.62	0.60	0.71	0.90	0.72	0.58	-0.17	-0.56	-0.81	-1.02	-1.23	-1.30	-1.16	-0.92	-0.52	0.21	3.04	4.22	4.10	0.94	0.64	0.40	0.55	4.22	-1.30
8	0.39	0.64	0.38	0.28	0.26	0.32	0.20	0.01	-0.28	-0.64	-1.10	-1.38	-1.47	-1.45	-1.35	-0.83	-0.65	-0.08	0.20	1.24	1.42	1.11	1.10	0.95	-0.03	1.42	-1.47
9	0.63	0.70	0.49	0.50	0.61	0.44	0.37	0.19	-0.15	-0.45	-0.59	-0.73	-1.00	-0.77	-0.39	-0.09	0.01	1.71	3.64	1.43	2.93	2.01	1.57	2.46	0.65	3.64	-1.00
10	1.45	1.41	2.43	2.78	2.08	3.09	1.67	0.30	-0.37	-0.67	-0.91	-0.74	-0.78	-0.76	-0.51	-0.30	0.21	2.03	3.73	2.87	3.57	2.02	2.47	2.26	1.22	3.73	-0.91
11	2.21	1.70	1.99	1.57	1.49	2.07	1.55	0.16	-0.42	-0.62	-0.63	-0.67	-0.74	-0.67	-0.58	-0.39	0.17	1.31	3.80	3.40	3.74	3.69	3.21	2.37	1.24	3.80	-0.74
12	2.98	2.24	2.08	1.87	2.19	2.14	2.26	0.64	-0.34	-0.60	-0.43	-0.51	-0.61	-0.54	0.06	0.06	0.14	1.54	3.99	2.30	3.69	2.97	3.03	2.91	1.42	3.99	-0.61
13	2.93	2.76	3.17	2.33	2.92	2.57	2.55	0.54	-0.41	-0.73	-0.65	-0.62	-0.65	-0.71	-0.57	-0.31	0.17	1.37	3.77	2.21	3.98	3.17	3.17	3.29	1.51	3.98	-0.73
14	3.02	2.63	2.58	2.50	2.89	4.13	3.52	1.67	-0.19	-0.49	-0.47	-0.50	-0.55	-0.59	-0.49	-0.22	0.17	1.80	3.84	2.88	4.33	3.92	1.98	2.52	1.70	4.33	-0.59
15	2.70	2.94	2.81	3.29	3.11	2.35	1.63	0.19	-0.48	-0.57	-0.57	-0.57	-0.75	-0.70	-0.62	-0.33	0.15	2.32	4.00	3.24	3.94	3.24	2.21	2.93	1.52	4.00	-0.75
16	2.99	1.65	2.94	2.34	2.38	2.95	2.50	0.42	-0.56	-0.17	-0.51	-0.60	-0.74	-0.60	-0.66	-0.41	0.34	3.11	3.28	2.70	2.88	3.66	2.96	3.17	1.50	3.66	-0.74
17	3.13	2.92	2.43	2.42	2.76	2.35	2.42	0.26	-0.44	-0.73	-0.60	--	--	--	--	--	--	--	--	--	--	--	--	--	1.54	3.13	-0.73
18	--	--	--	--	--	--	--	--	--	-0.51	-0.52	-0.56	-0.85	-0.82	-0.87	-0.56	-0.02	1.62	4.27	2.50	2.41	2.65	2.39	1.94	0.87	4.27	-0.87
19	1.95	1.87	2.49	2.64	2.87	2.15	2.52	0.98	-0.14	-0.38	-0.60	-0.78	-0.81	-0.94	-0.81	-0.46	0.02	1.25	3.24	1.74	1.69	0.57	0.67	0.31	0.92	3.24	-0.94
20	0.24	0.32	0.32	0.30	0.33	0.40	0.49	0.17	-0.18	-0.43	-0.58	-0.71	-0.83	-0.90	-0.78	-0.62	-0.29	0.18	0.40	0.48	0.36	0.41	0.50	0.68	0.01	0.68	-0.90
21	0.79	0.47	0.33	0.45	0.32	0.23	0.25	0.15	-0.22	-0.47	-0.60	-0.66	-0.78	-0.82	-0.75	-0.54	-0.04	2.69	3.93	3.99	3.06	2.80	2.86	1.38	0.78	3.99	-0.82
22	3.48	5.56	1.99	1.60	1.89	2.56	2.61	0.72	-0.13	-0.54	-0.89	-1.06	-1.01	-0.80	-0.77	-0.44	0.07	2.29	3.70	2.38	2.34	2.72	2.53	2.33	1.38	5.56	-1.06
23	3.36	3.08	2.99	2.55	2.17	2.66	2.58	0.56	-0.39	-0.45	-0.24	-0.70	-0.81	-0.69	-0.81	-0.31	0.19	2.11	3.06	1.50	2.70	2.67	2.29	3.04	1.38	3.36	-0.81
24	2.52	3.19	2.53	2.28	2.66	1.87	2.72	1.27	-0.17	-0.49	-0.38	-0.32	-0.56	-0.33	-0.37	0.13	1.19	2.53	2.07	1.59	1.03	1.55	1.04	1.03	1.19	3.19	-0.56
25	1.40	1.13	1.43	1.44	1.92	1.77	1.87	0.62	-0.09	-0.57	-0.51	-0.61	-0.82	-0.80	-0.69	-0.50	0.04	1.66	3.20	2.96	3.15	2.30	2.42	2.93	1.07	3.20	-0.82
26	2.70	3.08	3.04	2.37	2.56	3.01	1.29	0.38	-0.21	-0.33	-0.65	-0.85	-0.91	-0.82	-0.64	-0.51	-0.01	2.08	3.82	2.35	3.26	1.59	1.19	2.03	1.24	3.82	-0.91
27	3.20	2.77	3.26	3.22	2.80	1.34	2.14	0.68	0.02	-0.20	-0.45	-0.80	-0.76	-0.67	-0.57	-0.33	0.16	0.94	1.07	2.55	2.64	5.75	4.89	1.17	1.45	5.75	-0.80
28	2.25	0.71	1.51	1.40	3.65	2.79	1.09	1.71	0.55	-0.38	-0.49	-0.82	-0.75	-0.22	0.06	0.04	0.48	0.97	3.25	1.90	3.04	2.68	3.00	2.37	1.28	3.65	-0.82
29	2.05	2.84	2.43	2.16	2.85	2.46	2.51	1.46	-0.59	-0.63	-0.69	-0.69	-0.65	-0.89	-0.76	-0.46	0.10	2.29	3.51	2.56	2.71	2.85	3.36	3.80	1.44	3.80	-0.89
30	3.00	2.96	3.11	3.11	2.95	2.32	3.26	2.25	-0.16	-0.23	-0.57	-0.88	-0.66	-0.79	-0.84	-0.29	0.41	2.80	2.55	3.15	2.51	2.48	2.87	2.11	1.56	3.26	-0.88
31	2.68	1.99	1.96	2.59	2.51	2.74	2.55	2.08	-0.07	-0.29	-0.57	-0.85	-0.77	-1.04	-0.57	-0.26	0.27	0.54	1.82	1.63	1.76	1.91	1.22	1.64	1.06	2.74	-1.04
Avg	2.19	2.09	1.97	1.95	2.12	2.01	1.85	0.66	-0.26	-0.50	-0.65	-0.83	-0.86	-0.85	-0.73	-0.44	0.03	1.40	2.91	2.42	2.64	2.34	2.18	2.03	1.07	--	--
Max	3.48	5.56	3.26	3.29	3.65	4.13	3.52	2.25	0.55	-0.02	-0.24	-0.32	0.22	0.17	0.06	0.26	1.19	3.11	4.27	4.22	4.33	5.75	4.89	3.80	--	5.75	--
Min	0.24	0.32	0.32	0.28	0.26	0.23	0.20	0.00	-0.70	-1.02	-1.10	-1.49	-1.52	-1.52	-1.43	-1.04	-0.65	-0.08	0.20	0.48	0.36	0.41	0.50	0.31	--	--	-1.52

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, DeltaT"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.73	0.52	1.84	1.83	1.64	1.99	2.10	0.47	-0.20	-0.57	-0.84	-1.17	-1.15	-1.19	-1.08	-0.74	-0.16	1.45	3.25	2.52	1.78	2.32	1.48	1.22	0.79	3.25	-1.19
2	2.75	2.34	2.38	1.73	1.42	2.56	3.01	1.08	-0.23	-0.29	-0.69	-0.80	-0.91	-0.90	-0.98	-0.65	-0.21	0.45	1.48	1.43	0.92	0.64	0.49	0.37	0.73	3.01	-0.98
3	0.11	0.21	0.17	0.68	0.76	0.84	0.60	0.17	-0.14	-0.31	-0.33	-0.21	-0.42	-0.61	-0.41	-0.06	-0.07	0.21	0.19	0.22	0.27	0.48	0.69	0.36	0.14	0.84	-0.61
4	0.21	0.31	0.18	0.17	0.26	0.32	0.56	0.51	0.45	0.18	0.08	-0.43	-0.66	-0.66	-0.58	0.00	0.06	1.63	1.74	1.08	1.07	0.78	0.68	0.68	0.36	1.74	-0.66
5	0.48	0.36	0.36	0.35	0.56	0.81	0.64	0.54	-0.09	-0.39	-0.47	-0.60	-0.86	-0.91	-0.58	-0.42	0.08	1.94	2.50	1.34	1.18	1.63	1.25	0.86	0.44	2.50	-0.91
6	1.04	0.74	1.29	1.11	1.41	1.71	1.66	0.66	-0.22	-0.49	-0.50	-0.74	-0.84	-0.87	-0.57	-0.35	0.19	1.91	2.51	1.86	2.33	2.03	0.99	1.48	0.76	2.51	-0.87
7	0.86	1.31	0.82	1.14	1.98	1.94	1.45	1.01	-0.34	-0.32	-0.49	-0.66	-0.75	-0.67	-0.58	-0.28	0.21	1.90	2.04	1.90	2.18	1.27	2.67	2.56	0.88	2.67	-0.75
8	0.62	0.52	1.22	2.86	1.12	2.84	2.72	1.19	0.15	-0.10	-0.30	-0.55	-0.59	-0.51	-0.40	-0.24	0.08	0.45	2.14	3.71	3.27	2.42	1.72	2.85	1.13	3.71	-0.59
9	3.73	3.72	1.53	0.78	0.58	0.57	0.33	0.19	-0.08	-0.34	-0.49	-0.52	-0.56	-0.51	-0.44	-0.23	0.04	1.27	2.03	0.76	1.52	1.69	2.76	4.62	0.96	4.62	-0.56
10	2.04	0.34	0.41	0.33	0.68	1.17	2.38	0.65	-0.10	-0.32	-0.46	-0.62	-0.72	-0.79	-0.55	-0.44	-0.07	0.59	0.90	1.70	2.46	2.48	1.48	1.48	0.63	2.48	-0.79
11	0.46	0.43	0.30	0.26	0.21	0.17	0.18	0.19	-0.11	-0.32	-0.54	-0.81	-0.74	-0.78	-0.73	-0.47	-0.08	1.22	2.90	3.26	1.60	2.13	2.96	1.83	0.56	3.26	-0.81
12	2.09	1.87	2.18	0.90	0.74	1.90	2.66	0.95	-0.06	-0.33	-0.44	-0.62	-0.64	-0.64	-0.52	-0.27	0.05	0.83	2.50	2.61	3.40	1.30	1.75	1.45	0.99	3.40	-0.64
13	3.39	1.67	1.71	1.30	1.33	0.83	0.90	0.85	0.04	-0.23	-0.37	-0.49	-0.64	-0.51	-0.55	-0.36	0.23	2.54	2.89	1.19	2.36	2.41	2.04	2.59	1.05	3.39	-0.64
14	2.30	1.96	1.47	1.37	1.20	1.31	1.18	0.91	0.34	-0.13	-0.28	-0.45	-0.54	-0.65	-0.40	-0.22	0.41	3.37	1.84	1.62	2.90	1.86	2.13	1.40	1.04	3.37	-0.65
15	1.32	1.88	2.95	1.86	0.75	0.96	3.21	2.30	-0.07	-0.30	-0.51	-0.53	-0.56	-0.42	-0.26	-0.18	0.57	2.09	2.99	2.39	2.70	3.62	2.90	2.72	1.35	3.62	-0.56
16	2.44	2.52	2.24	2.87	2.68	2.96	2.78	2.00	0.00	-0.19	-0.42	-0.43	-0.11	0.28	0.03	0.28	1.87	3.15	2.06	2.48	2.76	2.19	2.00	1.46	1.58	3.15	-0.43
17	2.04	2.65	4.62	1.20	0.96	0.73	1.56	1.13	0.18	-0.35	-0.72	-0.91	-0.93	-0.89	-0.83	-0.56	0.13	3.14	2.54	2.34	2.20	1.71	2.50	1.67	1.09	4.62	-0.93
18	1.11	2.65	2.39	1.41	1.20	1.07	1.09	0.82	-0.01	-0.28	-0.42	-0.56	-0.59	-0.60	-0.46	-0.23	0.10	0.51	1.10	1.23	1.30	1.84	1.82	1.20	0.74	2.65	-0.60
19	0.62	0.47	0.72	0.46	0.45	0.34	0.51	0.31	-0.02	-0.24	-0.38	-0.46	-0.48	-0.47	-0.35	-0.16	0.16	0.49	0.38	0.40	0.58	0.79	0.76	0.58	0.23	0.79	-0.48
20	0.36	0.52	0.91	1.60	1.25	0.64	0.74	0.90	0.44	0.05	-0.06	-0.06	-0.08	0.05	0.03	0.29	0.58	0.42	0.64	0.88	0.80	0.64	0.59	1.31	0.56	1.60	-0.08
21	0.75	0.90	0.61	1.02	0.79	0.96	0.87	0.83	0.46	0.97	0.27	-0.15	-0.41	-0.12	-0.59	-0.05	0.07	0.23	0.68	2.02	1.75	1.49	1.33	0.98	0.65	2.02	-0.59
22	1.30	1.10	0.74	1.24	0.96	0.94	1.21	0.72	-0.28	-0.56	-0.55	-0.97	-0.92	-1.04	-0.85	-0.64	0.00	2.00	2.40	1.37	2.68	1.64	1.12	1.59	0.63	2.68	-1.04
23	1.02	0.65	0.51	0.79	1.79	0.77	1.02	1.60	0.17	-0.19	-0.48	-0.81	-0.92	-0.71	-0.58	-0.30	0.32	3.04	1.87	2.03	1.84	2.20	2.07	2.18	0.83	3.04	-0.92
24	2.84	3.68	2.70	0.52	1.33	1.21	1.72	1.06	0.38	-0.20	-0.43	-0.54	-0.49	-0.47	-0.38	-0.19	0.12	0.72	0.45	0.47	0.62	0.34	0.26	0.36	0.67	3.68	-0.54
25	0.45	0.42	0.32	0.32	0.34	0.45	0.56	0.49	0.20	-0.18	-0.32	-0.41	-0.45	-0.47	-0.38	-0.21	0.04	0.40	1.24	1.64	1.91	1.83	1.06	0.55	0.41	1.91	-0.47
26	0.49	0.45	0.51	0.45	0.28	0.28	0.28	0.26	0.10	-0.01	-0.17	-0.40	-0.34	-0.13	0.03	0.40	2.16	1.61	1.99	1.58	1.57	0.80	0.70	0.46	0.56	2.16	-0.40
27	0.29	0.20	-0.04	0.33	0.68	1.21	1.39	1.44	-0.26	-0.64	-1.05	-1.37	-1.12	-0.91	-0.73	-0.36	0.04	0.20	0.27	0.64	0.34	0.01	0.01	0.03	0.03	1.44	-1.37
28	0.01	-0.01	-0.06	-0.10	-0.08	0.04	0.13	0.20	0.00	-0.41	-0.54	-0.71	-0.94	-1.02	-0.42	-0.08	0.44	0.53	0.64	0.57	0.52	0.94	0.81	0.63	0.05	0.94	-1.02
29	1.53	1.23	1.04	1.41	1.26	1.16	1.38	0.90	-0.26	-0.53	-0.73	-1.07	-1.20	-1.12	-0.97	-0.59	-0.06	2.32	2.41	2.05	2.30	2.15	1.29	2.12	0.75	2.41	-1.20
30	0.86	0.59	0.85	0.78	0.94	1.26	1.43	0.99	0.03	-0.37	-0.71	-1.04	-0.94	-1.13	-0.98	-0.57	0.10	2.82	1.81	1.79	1.74	1.57	2.41	2.20	0.69	2.82	-1.13
Avg	1.31	1.21	1.23	1.03	0.98	1.13	1.34	0.84	0.02	-0.25	-0.44	-0.64	-0.68	-0.65	-0.54	-0.26	0.25	1.45	1.75	1.64	1.76	1.57	1.49	1.46	0.71	--	--
Max	3.73	3.72	4.62	2.87	2.68	2.96	3.21	2.30	0.46	0.97	0.27	-0.06	-0.08	0.28	0.03	0.40	2.16	3.37	3.25	3.71	3.40	3.62	2.96	4.62	--	4.62	--
Min	0.01	-0.01	-0.06	-0.10	-0.08	0.04	0.13	0.17	-0.34	-0.64	-1.05	-1.37	-1.20	-1.19	-1.08	-0.74	-0.21	0.20	0.19	0.22	0.27	0.01	0.01	0.03	--	--	-1.37

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, DeltaT"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.28	2.50	2.16	2.42	2.52	2.06	1.86	1.25	0.22	-0.53	-0.65	-1.08	-1.18	-1.20	-0.83	-0.33	-0.03	2.29	2.67	2.98	1.90	1.89	1.80	1.32	1.10	2.98	-1.20
2	0.87	1.33	1.31	1.17	0.73	1.14	1.76	0.92	0.11	-0.30	-0.49	-0.97	-1.15	-0.61	-0.44	-0.14	0.17	1.05	1.68	1.59	1.49	1.74	2.56	1.14	0.70	2.56	-1.15
3	0.69	1.32	0.75	0.58	0.50	0.32	0.40	0.24	-0.08	-0.32	-0.51	-0.65	-0.79	-0.85	-0.66	-0.44	-0.05	1.85	2.79	1.34	2.18	0.53	2.62	4.75	0.69	4.75	-0.85
4	3.71	2.65	2.73	3.89	4.34	1.35	3.72	0.62	-0.01	-0.39	-0.53	-0.84	-1.19	-1.27	-0.86	-0.49	0.22	3.66	2.24	3.14	3.35	3.38	1.81	1.63	1.54	4.34	-1.27
5	1.55	1.61	1.80	2.17	2.29	1.55	2.23	1.25	0.43	-0.69	-0.83	-1.02	-1.17	-1.09	-0.84	-0.38	0.45	2.96	2.01	2.23	2.00	2.25	2.50	2.08	1.06	2.96	-1.17
6	1.96	1.42	2.09	2.94	2.59	1.56	0.55	0.53	0.14	-0.34	-0.57	-0.95	-1.10	-1.14	-0.97	-0.56	-0.04	2.35	2.24	2.59	2.16	1.38	1.58	1.23	0.90	2.94	-1.14
7	1.58	1.79	1.62	1.86	2.72	2.02	2.16	2.19	-0.10	-0.43	-0.59	-1.04	-1.21	-1.14	-0.69	-0.53	-0.03	1.84	1.84	1.36	2.37	1.95	1.58	1.51	0.94	2.72	-1.21
8	1.34	1.61	2.24	1.92	1.01	1.61	2.27	2.03	0.04	-0.52	-0.70	-0.79	-0.92	-1.11	-1.05	-0.71	-0.04	1.70	1.98	1.90	2.72	1.87	2.36	1.79	0.94	2.72	-1.11
9	2.79	2.93	3.28	3.16	1.13	0.95	1.01	0.77	0.20	-0.45	-0.54	-0.81	-0.90	-0.97	-0.85	-0.59	0.38	1.72	2.37	2.78	1.88	0.98	0.70	0.82	0.95	3.28	-0.97
10	1.54	2.29	1.40	1.03	1.31	1.20	0.97	0.83	0.11	-0.49	-0.70	-0.90	-1.12	-1.10	-0.87	-0.50	0.18	2.41	1.61	2.31	1.37	1.56	1.39	1.03	0.70	2.41	-1.12
11	2.09	1.67	1.30	1.28	1.50	1.53	2.17	1.15	0.06	-0.67	-0.70	-0.64	-0.99	-1.13	-0.96	-0.60	-0.01	2.80	2.62	2.06	2.23	1.74	2.15	1.85	0.94	2.80	-1.13
12	1.90	2.05	2.29	2.13	2.08	1.41	1.39	1.73	-0.03	-0.62	-0.64	-0.71	-1.07	-1.00	-0.91	-0.65	0.05	1.93	2.17	2.18	2.47	2.49	2.06	2.78	1.06	2.78	-1.07
13	2.31	2.09	2.22	2.32	1.45	1.93	2.26	2.00	0.24	-0.54	-0.79	-0.74	-0.94	-0.92	-0.78	-0.48	0.60	3.15	2.15	2.20	2.05	2.43	1.55	1.35	1.13	3.15	-0.94
14	1.54	2.16	2.53	2.04	2.52	2.09	2.62	2.97	1.18	-0.17	-0.63	-1.05	-0.84	-0.83	-0.64	-0.56	0.10	3.02	2.73	3.18	2.65	2.02	2.28	2.26	1.38	3.18	-1.05
15	2.36	2.55	3.41	3.85	3.93	3.02	3.14	3.11	0.70	-0.24	-0.48	-0.81	-0.95	-0.88	-0.51	-0.12	1.43	3.16	2.50	2.85	2.71	1.42	0.99	0.78	1.58	3.93	-0.95
16	1.27	0.50	0.11	0.19	0.16	0.41	0.85	0.87	0.58	0.38	-0.14	-0.01	-0.41	0.30	-0.04	0.13	0.65	1.50	0.59	1.24	0.59	0.37	0.28	0.23	0.44	1.50	-0.41
17	0.18	0.17	0.39	0.62	0.43	0.34	0.47	0.40	0.18	-0.28	-0.61	-0.95	-1.11	-1.09	-0.92	-0.69	-0.05	2.14	1.90	1.73	2.25	1.04	1.28	0.91	0.36	2.25	-1.11
18	0.82	1.17	0.74	0.88	0.92	1.98	0.68	0.57	0.27	-0.12	-0.38	-0.53	-0.60	-0.61	-0.61	-0.34	0.07	0.33	0.56	0.82	0.37	0.35	0.39	0.28	0.33	1.98	-0.61
19	0.33	0.24	0.17	0.18	0.22	0.26	0.25	0.25	0.17	-0.19	-0.33	-0.44	-0.60	-0.56	-0.49	-0.32	-0.05	0.41	0.53	0.84	0.59	0.43	0.39	0.46	0.11	0.84	-0.60
20	0.29	0.23	0.22	0.20	0.16	0.18	0.22	0.36	0.11	-0.19	-0.40	-0.50	-0.57	-0.44	-0.45	-0.13	0.13	0.66	1.52	0.79	1.16	0.72	0.76	0.91	0.25	1.52	-0.57
21	0.96	0.77	0.66	1.16	0.49	0.70	0.69	0.86	0.14	0.12	-0.11	-0.19	-0.32	-0.34	-0.07	0.01	-0.02	0.11	0.10	0.22	0.32	0.43	0.27	0.23	0.30	1.16	-0.34
22	0.11	0.27	0.35	0.27	0.24	0.14	0.29	0.15	0.24	0.14	0.02	0.18	0.10	0.17	0.17	0.09	0.19	0.90	0.67	0.34	0.19	0.17	0.18	0.29	0.24	0.90	0.02
23	0.21	0.28	0.28	0.05	0.00	-0.03	0.06	0.02	0.03	-0.11	-0.30	-0.33	-0.31	-0.41	-0.41	-0.34	-0.16	1.14	0.75	0.69	0.65	0.76	0.32	0.68	0.15	1.14	-0.41
24	0.74	1.08	0.82	1.78	2.57	2.92	3.01	3.27	1.58	0.06	-0.34	-0.76	-0.31	-0.41	0.20	-0.10	-0.07	0.03	0.18	0.24	0.28	0.32	0.27	0.28	0.73	3.27	-0.76
25	0.09	0.13	0.09	0.07	0.34	0.23	0.18	0.36	0.04	-0.14	-0.37	-0.47	-0.69	-1.03	-0.78	-0.58	-0.06	1.70	1.45	0.74	1.48	0.68	0.41	0.73	0.19	1.70	-1.03
26	0.92	0.48	0.42	0.38	0.56	0.51	0.46	0.64	0.33	-0.30	-0.34	-0.44	-0.60	-0.59	-0.59	-0.37	-0.09	0.34	0.37	0.86	1.14	1.15	1.32	1.31	0.33	1.32	-0.60
27	0.98	0.69	0.97	1.12	0.77	1.05	1.06	1.43	0.46	-0.13	-0.31	-0.50	-0.53	-0.47	-0.47	-0.28	0.01	1.53	3.11	2.26	1.36	0.67	0.74	2.53	0.75	3.11	-0.53
28	2.10	2.27	2.63	2.19	2.53	1.83	0.56	0.53	0.45	0.47	0.01	-0.50	-0.54	-0.33	-0.10	-0.04	0.59	1.92	1.51	1.94	1.57	1.25	0.88	1.19	1.04	2.63	-0.54
29	1.25	1.06	1.20	1.22	1.39	1.01	0.60	0.33	0.27	0.17	0.01	-0.28	-0.53	-0.50	-0.45	-0.28	-0.05	0.35	0.51	0.91	0.42	0.36	0.29	0.25	0.40	1.39	-0.53
30	0.24	0.29	0.29	0.20	0.27	0.50	0.31	0.88	0.23	-0.13	-0.41	-0.75	-0.79	-1.08	-0.92	-0.43	0.01	0.48	0.80	0.84	1.31	0.73	0.48	0.28	0.15	1.31	-1.08
31	0.15	0.23	0.24	0.08	0.07	0.30	0.35	0.29	0.28	0.20	0.06	-0.10	-0.38	-0.32	-0.04	0.11	0.16	0.53	0.45	0.81	0.18	0.25	0.41	0.58	0.20	0.81	-0.38
Avg	1.26	1.28	1.31	1.40	1.35	1.16	1.24	1.06	0.28	-0.22	-0.43	-0.63	-0.77	-0.74	-0.57	-0.34	0.15	1.61	1.57	1.61	1.53	1.20	1.18	1.21	0.70	--	--
Max	3.71	2.93	3.41	3.89	4.34	3.02	3.72	3.27	1.58	0.47	0.06	0.18	0.10	0.30	0.20	0.13	1.43	3.66	3.11	3.18	3.35	3.38	2.62	4.75	--	4.75	--
Min	0.09	0.13	0.09	0.05	0.00	-0.03	0.06	0.02	-0.10	-0.69	-0.83	-1.08	-1.21	-1.27	-1.05	-0.71	-0.16	0.03	0.10	0.22	0.18	0.17	0.18	0.23	--	--	-1.27

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, RH_percent"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	75	81	80	85	87	86	85	63	42	36	34	31	28	23	21	19	19	20	34	46	54	55	56	59	51	87	19
2	65	62	70	70	75	75	75	66	43	43	33	28	42	58	50	56	66	85	89	87	83	85	89	92	66	92	28
3	94	95	95	95	91	91	95	74	59	49	44	26	--	10	13	16	14	12	18	36	47	52	57	59	54	95	10
4	63	63	66	76	74	76	74	47	29	16	13	12	11	11	11	13	14	15	31	43	48	52	51	51	40	76	11
5	55	60	56	62	66	65	68	49	27	19	18	17	16	15	15	16	16	19	35	44	40	45	48	53	39	68	15
6	55	56	56	60	68	71	71	56	41	36	31	26	23	21	19	20	21	22	28	40	43	45	52	55	42	71	19
7	54	52	49	50	48	45	45	31	19	18	17	15	14	15	15	15	15	17	25	36	35	20	20	20	29	54	14
8	22	25	30	34	36	39	40	40	38	33	28	27	26	24	23	23	21	23	31	78	70	63	58	54	37	78	21
9	52	52	50	49	51	50	50	49	46	43	40	37	34	31	27	26	22	25	46	52	70	67	63	73	46	73	22
10	71	75	80	83	82	86	75	58	43	33	28	24	22	19	18	17	16	23	47	54	60	51	59	61	49	86	16
11	66	67	76	76	75	78	75	55	38	22	20	19	17	15	16	16	15	16	33	48	53	61	59	58	45	78	15
12	65	69	69	72	74	71	69	48	31	20	14	13	12	11	11	12	11	14	31	35	50	49	48	48	40	74	11
13	53	53	59	54	58	59	65	44	28	16	13	14	13	12	12	12	12	15	27	33	42	43	44	47	35	65	12
14	49	48	49	52	59	59	64	43	24	16	13	14	12	11	10	10	10	12	25	29	38	40	33	38	31	64	10
15	42	44	46	51	59	58	59	43	27	16	13	13	12	11	12	12	13	18	34	36	41	42	39	43	33	59	11
16	49	45	47	52	52	61	63	46	28	20	17	16	17	18	17	16	17	26	42	41	42	51	50	54	37	63	16
17	55	59	61	61	62	65	69	51	34	25	18	--	--	--	--	--	--	--	--	--	--	--	--	--	51	69	18
18	--	--	--	--	--	--	--	--	--	24	21	21	19	16	16	17	18	25	34	38	41	46	47	48	29	48	16
19	50	52	57	59	66	66	68	52	28	18	17	15	12	14	14	15	15	18	26	30	23	11	11	9	31	68	9
20	8	7	7	7	8	8	9	9	9	9	9	9	9	9	9	11	12	15	19	20	20	22	23	24	12	24	7
21	25	25	25	25	26	26	27	26	24	21	20	18	17	16	15	14	14	24	35	39	36	36	38	33	25	39	14
22	40	41	33	32	33	40	41	32	23	19	17	15	14	14	14	14	15	21	31	33	34	39	39	41	28	41	14
23	47	48	52	55	54	57	58	45	31	22	19	18	16	16	15	14	15	20	30	29	34	36	38	42	34	58	14
24	43	46	47	53	57	57	60	50	34	25	23	23	22	24	24	26	30	36	40	41	52	84	87	81	44	87	22
25	86	91	92	83	89	90	85	66	50	39	35	33	30	27	26	25	25	33	54	59	62	58	60	67	57	92	25
26	64	70	71	76	78	72	62	53	39	28	25	22	19	17	15	16	17	24	36	37	42	38	41	47	42	78	15
27	52	49	53	46	52	42	37	25	21	20	17	16	15	15	14	15	16	18	21	29	37	42	32	20	29	53	14
28	27	21	21	21	32	30	23	27	23	18	16	16	17	17	18	18	19	20	27	33	41	45	47	48	26	48	16
29	46	52	52	54	58	60	60	50	33	24	20	19	17	16	16	16	17	23	34	34	36	37	42	48	36	60	16
30	47	48	48	53	56	57	56	47	29	21	18	17	18	19	20	20	22	32	38	41	42	44	50	49	37	57	17
31	55	57	57	61	64	65	66	63	45	31	28	27	26	26	28	32	36	37	44	49	54	58	59	59	47	66	26
Avg	52	54	55	57	60	60	60	47	33	25	22	20	19	18	18	18	19	24	35	42	46	47	48	49	39	--	--
Max	94	95	95	95	91	91	95	74	59	49	44	37	42	58	50	56	66	85	89	87	83	85	89	92	--	95	--
Min	8	7	7	7	8	8	9	9	9	9	9	9	9	9	9	10	10	12	18	20	20	11	11	9	--	--	7

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, RH_percent"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	57	49	60	68	69	75	77	64	47	33	34	35	33	31	30	28	29	35	45	49	50	55	53	55	48	77	28
2	61	63	67	66	65	69	72	66	44	34	30	27	24	21	20	20	24	29	33	39	39	38	38	39	43	72	20
3	39	40	39	46	64	72	65	50	45	39	36	39	38	36	36	38	62	90	91	91	91	83	67	59	57	91	36
4	59	57	55	59	67	63	72	79	85	85	75	56	43	44	41	46	50	66	89	91	92	92	92	91	69	92	41
5	88	86	86	86	84	79	80	69	52	42	40	37	44	42	39	38	40	56	80	83	85	89	92	89	67	92	37
6	89	88	89	92	91	94	95	85	63	45	42	44	43	40	37	37	37	49	70	78	85	87	84	88	69	95	37
7	86	90	87	83	87	92	93	86	61	44	33	35	36	34	33	33	34	43	62	70	79	74	75	49	62	93	33
8	33	34	37	50	33	43	44	38	29	24	23	22	21	19	18	17	17	21	32	50	47	49	42	54	33	54	17
9	63	55	35	27	26	30	31	31	29	25	23	19	17	15	15	12	12	16	21	24	33	41	58	60	30	63	12
10	35	25	25	26	30	33	44	37	33	30	28	26	25	24	23	24	26	30	32	39	57	58	47	47	33	58	23
11	43	43	43	42	41	42	42	42	38	34	32	29	26	24	23	22	22	29	42	55	55	54	63	54	39	63	22
12	53	56	47	40	40	55	59	43	34	32	29	25	23	24	24	22	21	24	35	42	45	41	47	45	38	59	21
13	62	55	54	52	46	40	46	43	33	29	27	24	20	16	19	21	22	31	45	46	53	60	58	62	40	62	16
14	65	65	57	51	40	37	36	38	25	17	16	15	15	19	17	16	18	29	38	40	48	47	46	46	35	65	15
15	44	47	50	41	35	31	38	40	28	18	14	13	13	13	11	11	14	20	33	35	36	43	48	44	30	50	11
16	50	51	51	58	54	62	61	55	39	23	14	13	12	13	13	13	19	32	33	37	45	44	42	39	36	62	12
17	47	52	48	23	26	30	38	36	32	28	22	17	16	17	14	13	13	23	33	34	41	38	45	40	30	52	13
18	37	32	17	13	13	13	12	11	10	9	9	8	7	7	6	6	6	7	10	16	22	17	17	15	13	37	6
19	14	14	15	14	15	15	17	18	18	17	16	15	14	13	13	14	15	16	17	17	18	20	19	18	16	20	13
20	18	19	24	25	24	21	23	25	23	20	19	19	19	19	20	21	22	21	24	33	40	46	46	64	26	64	18
21	85	69	53	74	77	86	87	91	90	72	78	74	64	69	59	52	53	54	62	79	90	92	94	94	75	94	52
22	95	95	95	96	96	96	96	95	79	59	51	46	43	42	39	40	41	54	69	71	82	83	84	87	72	96	39
23	83	79	77	75	72	78	75	64	44	32	28	25	22	19	18	21	22	35	45	51	53	61	63	68	50	83	18
24	77	76	55	40	48	19	19	21	18	13	12	11	9	9	8	9	10	12	12	15	17	17	17	16	23	77	8
25	15	15	16	16	16	17	17	17	15	14	14	14	14	14	15	15	16	18	21	23	25	26	23	23	17	26	14
26	23	25	26	27	27	28	30	30	30	30	27	26	26	26	27	29	41	41	40	33	40	25	25	25	29	41	23
27	27	36	52	52	56	59	63	71	54	49	45	42	40	41	41	41	42	43	47	72	82	88	89	89	55	89	27
28	88	89	92	93	94	95	95	90	84	74	66	62	54	48	49	46	49	53	59	70	64	76	67	61	72	95	46
29	72	86	91	93	95	96	96	96	84	63	46	41	35	31	31	31	32	49	73	79	86	87	84	86	69	96	31
30	79	76	82	84	74	63	58	49	36	26	23	21	18	21	22	21	23	44	57	62	67	70	78	81	51	84	18
Avg	56	56	54	54	53	54	56	53	43	35	32	29	27	27	25	25	28	36	45	51	56	57	57	56	44	--	--
Max	95	95	95	96	96	96	96	96	90	85	78	74	64	69	59	52	62	90	91	91	92	92	94	94	--	96	--
Min	14	14	15	13	13	13	12	11	10	9	9	8	7	7	6	6	6	7	10	15	17	17	17	15	--	--	6

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, RH_percent"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	83	83	83	85	87	81	79	71	56	41	30	21	23	21	19	21	22	40	61	68	67	68	69	73	56	87	19
2	68	71	73	77	76	76	80	72	55	39	27	23	22	22	24	25	27	33	44	55	61	66	62	34	51	80	22
3	30	32	31	31	31	32	33	33	30	28	28	26	25	23	23	22	22	30	41	30	34	30	38	48	30	48	22
4	53	55	57	54	40	21	28	19	18	16	14	12	11	14	14	12	14	29	36	44	49	58	55	53	32	58	11
5	56	62	59	65	68	63	70	65	45	29	22	19	16	15	14	15	17	36	40	43	45	48	55	57	43	70	14
6	58	54	54	59	66	59	55	54	50	40	29	28	27	30	33	34	35	49	60	65	69	68	73	73	51	73	27
7	76	80	83	86	89	89	91	93	77	60	48	44	42	43	46	48	52	63	73	76	82	85	87	87	71	93	42
8	86	87	90	89	88	85	86	86	67	48	39	36	35	35	33	34	38	49	60	65	73	75	80	79	64	90	33
9	84	84	86	83	66	65	63	62	49	38	34	30	28	26	25	25	31	40	52	59	58	50	53	56	52	86	25
10	62	66	62	61	63	63	60	60	49	35	30	26	26	27	26	26	29	41	48	56	57	60	60	60	48	66	26
11	65	70	69	72	73	73	80	75	59	40	30	27	26	26	27	29	31	46	56	58	62	64	68	70	54	80	26
12	72	77	80	84	82	83	83	84	66	46	37	33	30	28	29	29	33	42	54	57	64	67	68	73	58	84	28
13	76	76	78	81	78	80	83	85	68	47	37	33	30	30	30	30	35	48	56	59	62	66	69	71	59	85	30
14	73	76	80	79	83	83	84	85	72	50	39	33	30	28	29	29	31	47	57	61	66	65	70	73	59	85	28
15	74	74	75	77	74	72	68	68	47	32	23	17	17	18	18	18	24	39	39	43	45	45	42	46	46	77	17
16	82	91	93	92	93	95	93	93	92	92	88	81	62	54	50	48	50	75	91	62	46	49	52	58	74	95	46
17	63	72	87	69	53	48	49	48	43	41	38	35	34	34	34	33	35	60	81	86	90	86	89	89	58	90	33
18	90	88	82	78	76	79	71	73	57	34	30	25	19	17	16	16	19	24	26	28	28	28	28	27	44	90	16
19	27	26	25	26	26	27	28	29	30	27	26	24	23	22	20	21	22	25	24	25	24	23	24	25	25	30	20
20	25	25	26	26	26	26	27	28	26	24	21	21	19	20	20	21	23	28	36	34	34	27	31	32	26	36	19
21	34	28	33	41	35	42	49	63	74	67	61	58	59	60	66	68	68	72	70	69	67	66	73	89	59	89	28
22	94	94	90	89	90	93	95	96	95	94	90	93	94	93	89	86	78	86	88	90	88	87	88	91	91	96	78
23	93	94	96	96	96	96	96	97	92	83	86	89	79	76	70	64	62	81	89	92	95	95	96	94	88	97	62
24	96	96	97	97	96	93	94	96	71	49	49	51	55	47	46	91	94	92	90	87	87	86	84	92	81	97	46
25	96	96	97	96	96	97	97	97	97	87	78	67	57	50	48	45	50	74	92	90	94	92	89	88	82	97	45
26	90	88	87	86	85	85	84	80	64	48	41	41	40	37	35	34	35	39	38	46	53	59	62	64	59	90	34
27	63	70	62	58	61	64	61	61	45	36	33	31	29	30	28	28	30	44	63	65	63	62	65	82	51	82	28
28	80	78	83	77	84	74	66	66	63	51	47	35	32	43	48	52	60	77	87	87	80	87	81	60	67	87	32
29	63	70	79	59	33	25	23	21	22	20	21	21	21	22	21	24	26	29	29	35	31	37	44	47	34	79	20
30	47	49	51	50	51	57	58	63	56	50	46	44	43	42	42	45	47	54	60	68	78	81	88	92	57	92	42
31	95	94	96	97	98	93	86	84	83	88	87	86	81	77	79	83	85	88	92	96	97	96	97	97	90	98	77
Avg	69	71	72	72	70	68	68	68	59	48	42	39	37	36	35	37	40	51	59	61	63	64	66	67	57	--	--
Max	96	96	97	97	98	97	97	97	97	94	90	93	94	93	89	91	94	92	92	96	97	96	97	97	--	98	--
Min	25	25	25	26	26	21	23	19	18	16	14	12	11	14	14	12	14	24	24	25	24	23	24	25	--	--	11

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, SR_wm2"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	14.9	182	385	573	713	803	837	785	630	501	295	90.6	0.101	0	0	0	0	0	242	837	0
2	0	0	0	0	0	0	21.2	59.1	269	429	390	688	155	151	156	102	30.9	21.4	1.04	0.0925	0.764	0.379	0.0413	0.0038	103	688	0
3	0	0	0	0	0	0	11.2	172	372	579	724	816	--	787	676	495	301	85.4	0.0798	0	0	0	0	0	218	816	0
4	0	0	0	0	0	0	10.7	179	393	580	732	819	835	782	666	495	284	77.8	0	0	0	0	0	0	244	835	0
5	0	0	0	0	0	0	8.4	176	383	572	716	801	816	770	658	407	272	66.4	0	0	0	0	0	0	235	816	0
6	0	0	0	0	0	0	10.4	158	380	567	714	780	795	752	601	447	278	75.6	0.0428	0	0	0	0	0	232	795	0
7	0	0	0	0	0	0	5.92	171	388	573	714	794	802	743	618	468	275	64.1	0	0	0.131	0	0	0	234	802	0
8	0	0	0	0	0	0	6.29	141	335	546	685	772	778	726	618	389	282	93	0.747	2.13	1.43	2.38	0.261	0	224	778	0
9	0	0	0	0	0	0	4.34	148	363	543	685	761	771	649	452	355	251	54	0	0	0	0	0	0	210	771	0
10	0	0	0	0	0	0	6.13	155	362	542	680	764	782	736	601	433	229	54.4	0	0	0	0	0	0	223	782	0
11	0	0	0	0	0	0	5.48	159	365	549	689	777	788	737	617	447	244	52.4	0	0	0	0	0	0	226	788	0
12	0	0	0	0	0	0	5.22	159	370	556	699	791	801	656	384	385	252	50.2	0	0	0	0	0	0	213	801	0
13	0	0	0	0	0	0	5.47	155	365	547	689	771	788	737	621	449	243	46.5	0	0	0	0	0	0	226	788	0
14	0	0	0	0	0	0	5.08	154	362	543	681	763	775	726	612	441	237	44	0	0	0	0	0	0	223	775	0
15	0	0	0	0	0	0	5.04	150	358	539	680	763	776	726	612	439	232	40.2	0	0	0	0	0	0	222	776	0
16	0	0	0	0	0	0	4.62	148	353	530	666	749	740	589	582	429	190	18.2	0	0	0	0	0	0	208	749	0
17	0	0	0	0	0	0	3.29	139	347	528	670	--	--	--	--	--	--	--	--	--	--	--	--	--	153	670	0
18	--	--	--	--	--	--	--	--	--	519	657	736	745	696	585	417	216	34	0	0	0	0	0	0	307	745	0
19	0	0	0	0	0	0	4.11	138	345	525	662	734	741	689	578	411	212	32.6	0	0	0	0	0	0	211	741	0
20	0	0	0	0	0	0	2.76	136	348	526	659	734	741	688	573	404	204	30.4	0	0	0	0	0	0	210	741	0
21	0	0	0	0	0	0	3.1	127	336	511	645	719	727	673	560	393	193	24.7	0	0	0	0	0	0	205	727	0
22	0	0	0	0	0	0	3.85	114	317	491	623	695	705	653	548	385	189	24.9	0	0	0	0	0	0	198	705	0
23	0	0	0	0	0	0	3.61	111	310	474	550	657	636	605	555	382	186	22.5	0	0	0	0	0	0	187	657	0
24	0	0	0	0	0	0	3.37	108	267	444	416	433	489	400	391	179	55.9	4.15	0	0	0.117	0.0893	0.0085	0.877	133	489	0
25	0.229	0	0	0	0	0	2.86	106	305	476	613	692	706	654	543	378	180	19.7	0	0	0	0	0	0	195	706	0
26	0	0	0	0	0	0.0018	2.24	103	324	445	618	695	706	658	542	374	176	17.3	0	0	0	0	0	0	194	706	0
27	0	0	0	0	0	0	3.18	108	288	388	556	664	568	526	464	294	130	12.1	0	0	0	0	0.203	0	167	664	0
28	0	0	0	0	0	0.0117	0.359	32.9	199	416	502	629	559	353	226	244	104	14.4	0	0	0	0	0	0	137	629	0
29	0	0	0	0	0	0	1.51	95.1	300	469	599	668	688	637	526	362	166	12.5	0	0	0	0	0	0	189	688	0
30	0	0	0	0	0	0	2.33	81.1	318	341	527	675	501	591	513	287	129	10.8	0	0	0	0	0	0	166	675	0
31	0	0	0	0	0	0	1.11	55.5	212	468	558	638	547	617	347	234	65.1	8.18	0	0	0	0	0	0	156	638	0
Avg	0.0076	0	0	0	0	0.0005	5.6	131	334	509	636	726	700	650	535	381	203	40.1	0.0671	0.074	0.0813	0.095	0.0171	0.0293	202	--	--
Max	0.229	0	0	0	0	0.0117	21.2	182	393	580	732	819	837	787	676	501	301	93	1.04	2.13	1.43	2.38	0.261	0.877	--	837	--
Min	0	0	0	0	0	0	0.359	32.9	199	341	390	433	155	151	156	102	30.9	4.15	0	0	0	0	0	0	--	--	0

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, SR_wm2"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0567	0	0	0	0	0	1.06	81.6	217	426	598	670	664	634	517	353	159	11.1	0	0	0	0	0	0	181	670	0
2	0	0	0	0	0	0	1.08	53.4	292	455	585	644	680	629	530	354	157	11.5	0	0	0	0	0	0	183	680	0
3	0	0	0	0.335	0.043	0	2.74	94.1	312	455	435	284	537	619	385	116	6.77	0.271	0.0043	0.021	0.0203	1.34	4.15	0.927	136	619	0
4	0	0	0	0	0	0	1.62	2.31	23.7	108	311	668	663	577	490	250	145	8.59	0	0	0	0	0	0	135	668	0
5	0	0	0	0	0	0	0.576	82.2	272	443	579	649	659	608	496	331	143	7.5	0	0	0	0	0	0	178	659	0
6	0	0	0	0	0	0	0.713	71.1	290	440	574	652	661	610	497	332	144	6.68	0	0	0	0	0	0	178	661	0
7	0	0	0	0	0	0	0.448	79.4	264	438	575	639	654	600	490	327	138	5.71	0	0	0	0	0	0.135	175	654	0
8	0	0	0	0.002	0	0	0.296	75.8	265	444	578	648	657	608	501	336	141	5.45	0	0	0	0	0	0	178	657	0
9	0	0.0083	0	0	0	0	0.0903	74.8	272	444	578	665	677	626	514	348	150	4.01	0	0	0	0	0	0	181	677	0
10	0.0258	0	0	0	0	0	0.119	68.5	262	435	571	646	659	607	493	326	137	4.34	0	0	0	0.002	0	0	175	659	0
11	0	0	0	0	0	0	0.0635	64	252	425	558	632	645	596	481	318	130	2.75	0	0	0	0	0	0	171	645	0
12	0	0	0	0	0	0	0.035	63.1	253	425	560	637	649	596	469	315	130	1.94	0	0	0	0	0	0	171	649	0
13	0	0	0	0	0	0	0.272	70.2	249	409	538	633	643	590	480	313	125	2.5	0	0	0	0	0	0	169	643	0
14	0	0	0	0	0	0	0.0025	56.4	253	429	562	637	643	594	479	311	125	1.8	0	0	0	0	0	0	170	643	0
15	0	0	0	0	0	0	0.0073	53.5	245	416	548	623	635	583	471	308	121	1.46	0	0	0	0	0	0	167	635	0
16	0	0	0	0	0	0	0.0777	47.4	222	394	528	577	415	259	333	211	61.3	3.33	0	0	0	0.0715	0	0	127	577	0
17	0	0	0.122	0.0008	0	0	0	44.8	229	406	553	630	638	581	476	311	122	2.14	0	0	0	0	0	0	166	638	0
18	0	0	0	0	0	0	0	44.9	248	427	563	639	650	598	483	316	124	1.71	0	0	0	0	0	0	171	650	0
19	0	0	0	0	0	0	0	41.3	233	408	543	618	631	583	443	293	85.5	0.826	0	0	0	0	0	0	162	631	0
20	0	0	0	0	0	0	0.0043	31.1	98	181	220	208	223	153	157	87.5	31	1.12	0	0	0	0	0	0	57.9	223	0
21	0	0.001	0.0058	0	0	0.0035	0.139	5.27	37.7	58.8	94.6	295	361	132	392	163	76.3	5.88	0	0	0	0	0	0	67.6	392	0
22	0	0	0	0	0	0	0	36.3	275	338	516	599	615	567	455	290	110	1.52	0	0	0	0	0	0	159	615	0
23	0	0	0	0	0	0	0	36.7	221	395	531	608	622	570	457	295	114	1.01	0	0	0	0	0	0	160	622	0
24	0	0.0005	0	0	0	0	0	18.9	203	409	563	632	626	590	473	319	125	2.71	0	0	0	0	0	0	165	632	0
25	0	0	0	0	0	0	0	17.3	145	379	518	580	574	567	454	293	110	1.71	0	0	0	0	0	0	152	580	0
26	0	0	0	0	0	0	0	21.5	84.1	152	272	382	305	195	118	51.9	10.7	0.0632	0	0	0	0.0292	0	0	66.3	382	0
27	0	0	0	0	0	0	0	17.9	213	326	549	610	430	381	283	154	26.6	1.28	0	0	0	0	0	0.157	125	610	0
28	0.573	0.0268	0	0	0	0	0	14.8	113	288	300	356	491	457	206	96.7	11.3	0.321	0	0	0	0	0.002	0	97.3	491	0
29	0	0	0.0527	0	0	0	0	19.2	263	350	514	597	610	564	458	299	113	0.974	0	0	0	0	0	0	158	610	0
30	0	0	0	0	0	0	0	23.5	205	380	516	592	607	561	456	295	106	0.494	0	0	0	0	0	0	156	607	0
Avg	0.0219	0.0012	0.006	0.0112	0.0014	0.0001	0.312	47.1	217	369	498	575	584	528	431	270	106	3.35	0.0001	0.0007	0.0007	0.048	0.138	0.0406	151	--	--
Max	0.573	0.0268	0.122	0.335	0.043	0.0035	2.74	94.1	312	455	598	670	680	634	530	354	159	11.5	0.0043	0.021	0.0203	1.34	4.15	0.927	--	680	--
Min	0	0	0	0	0	0	0	2.31	23.7	58.8	94.6	208	223	132	118	51.9	6.77	0.0632	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, SR_wm2"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0.0058	26.2	150	266	423	604	544	572	356	194	104	0.583	0	0	0	0	0	0	135	604	0
2	0	0	0	0	0	0	0	31.1	122	277	497	546	576	280	205	108	47.3	1.24	0	0	0	0	0	0	112	576	0
3	0	0	0	0	0	0	0	17	187	359	495	572	589	545	443	286	102	1.13	0	0	0	0	0	0	150	589	0
4	0	0	0	0	0	0	0	15.4	193	367	507	584	600	555	449	290	103	0.383	0	0	0	0	0	0	153	600	0
5	0	0	0	0	0	0	0	14	175	344	475	567	578	521	385	216	74.6	1.79	0	0	0	0	0	0	140	578	0
6	0	0	0	0	0	0	0.0065	12.6	75.3	205	398	489	526	486	390	253	115	3.71	0	0	0	0	0	0	123	526	0
7	0	0	0	0	0	0	0	13.8	168	281	483	540	540	411	254	207	67.7	1.94	0	0	0	0	0	0	124	540	0
8	0	0	0	0.0003	0.129	0	0	12.4	161	332	466	546	565	526	425	273	95.9	1.69	0	0	0	0	0	0	142	565	0
9	0	0	0	0	0	0	0	10.3	162	337	473	552	572	528	406	223	60.5	1.91	0	0	0	0	0	0	139	572	0
10	0	0	0	0	0	0	0	8.67	167	339	474	542	567	529	430	245	80	1.95	0	0	0	0	0	0	141	567	0
11	0	0	0	0	0	0	0	12.4	159	318	435	515	552	508	416	256	99.7	1.33	0	0	0	0	0	0	136	552	0
12	0	0	0	0	0	0	0	7.62	160	284	417	528	546	468	397	283	81.2	3.67	0	0	0	0	0	0	132	546	0
13	0	0	0	0	0	0	0	13.1	140	291	432	532	559	456	367	245	62.3	1.61	0	0	0	0	0	0	129	559	0
14	0	0	0	0	0	0	0	11.7	110	225	399	542	465	471	390	299	101	1.21	0	0	0	0	0	0	126	542	0
15	0	0	0	0	0	0	0.016	10	153	320	461	537	577	448	365	209	56.3	1.34	0	0	0	0.0115	0	0.0073	131	577	0
16	0	0	0	0.035	0	0	0.048	2.89	13.7	27.8	134	121	358	129	210	148	81.5	1.54	0	1.55	0.003	0	0	0	51.2	358	0
17	0	0	1.64	2.44	0.164	0	0	6.26	138	311	456	546	575	537	439	282	106	2.61	0	0	0	0	0	0	142	575	0
18	0	0	0	0	0	0	0	6.84	154	337	481	571	601	564	459	305	82.3	2.64	0	0	0	0	0	0	149	601	0
19	0	0	0	0	0	0	0	4.6	49.3	327	464	551	580	546	444	291	114	2.31	0	0	0	0	0	0	141	580	0
20	0	0	0	0	0	0	0	7.08	78.1	293	445	516	501	371	358	169	64.5	3.57	0	0	0.0223	0	0	0	117	516	0
21	0.0113	0.0003	0	0	0	0	0.0095	0.697	89.3	77.6	146	144	212	203	106	51.9	56.3	1.98	0	0	0	0	0	0	45.3	212	0
22	0	0	0	0	0.219	0.0902	0	1.16	19	54	104	67.2	73.1	76.1	77.1	100	105	2.97	0	0	0.125	0.0235	0.001	0.001	28.3	105	0
23	0	0	0	0	0	0	0	2.52	23.8	90	112	191	260	281	264	269	129	1.91	0	0	0	0	0	0	67.7	281	0
24	0	0	0	0	0	0	0	6.12	231	298	453	547	293	328	39	11.7	3.03	0.139	0.699	0.731	0.163	0.153	0.23	0.226	92.2	547	0
25	0.0008	0.0158	0.0155	0	0.0272	0.0103	0.0003	4.66	55.5	217	317	420	437	532	396	265	98.5	2.98	0	0	0	0	0	0	114	532	0
26	0	0	0	0	0	0	0	5.8	131	304	439	487	561	534	445	300	124	4.76	0	0	0	0	0	0	139	561	0
27	0	0	0	0	0	0	0	4.76	134	314	462	551	582	502	457	298	124	4.58	0	0	0	0	0	0	143	582	0
28	0	0	0	0	0	0.0297	0	3.88	52.7	129	235	362	376	307	202	147	70.8	4.03	0	0	0	0	0	0	78.7	376	0
29	0	0	0	0	0.0425	0	0	1.42	52.4	117	233	462	579	546	449	301	129	3.91	0	0	0	0	0	0	120	579	0
30	0	0	0	0	0	0	0	6.32	86.6	218	401	477	545	524	444	212	58.2	3.58	0	0	0.09	0.668	0	0	124	545	0
31	0	0	0	0	0	0.0055	0.456	1.46	14.2	37.6	69.6	75.6	290	162	55.6	37.9	31.7	4.77	0	0	0	0	0	0	32.5	290	0
Avg	0.0004	0.0005	0.0535	0.08	0.0188	0.0044	0.0175	9.12	116	248	380	461	490	434	339	219	84.7	2.38	0.0225	0.0735	0.013	0.0276	0.0074	0.0076	116	--	--
Max	0.0113	0.0158	1.64	2.44	0.219	0.0902	0.456	31.1	231	367	507	604	601	572	459	305	129	4.77	0.699	1.55	0.163	0.668	0.23	0.226	--	604	--
Min	0	0	0	0	0	0	0	0.697	13.7	27.8	69.6	67.2	73.1	76.1	39	11.7	3.03	0.139	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, Temp_2m_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	19.3	18.3	18.1	17.2	16.7	16.5	16.5	20.6	25.9	28.1	29.5	30.9	31.7	32.4	32.4	32.5	31.8	30.3	25.0	22.2	20.0	19.3	18.8	18.3	23.8	32.5	16.5
2	17.1	17.2	16.2	16.3	15.4	15.2	15.3	18.1	24.1	25.9	27.7	29.9	26.7	24.0	25.4	24.5	23.0	20.7	20.4	20.3	20.7	20.7	20.4	20.2	21.1	29.9	15.2
3	19.5	18.0	17.1	16.3	15.8	15.0	14.0	17.4	21.2	23.5	24.6	26.0	--	27.1	27.5	27.1	26.3	24.4	20.9	16.6	14.5	13.5	12.1	11.1	19.5	27.5	11.1
4	10.1	9.8	9.0	7.6	7.5	7.0	7.5	12.4	18.3	22.4	24.2	25.1	26.1	26.6	26.9	26.8	26.2	24.4	18.5	15.4	14.0	13.1	12.9	12.5	16.9	26.9	7.0
5	11.5	10.5	11.0	9.9	9.2	9.5	8.8	13.7	21.0	24.5	26.0	27.6	28.6	29.1	29.6	29.0	28.5	26.4	20.5	18.5	18.2	16.5	15.6	14.4	19.1	29.6	8.8
6	13.9	13.7	13.7	12.9	11.9	11.4	12.0	16.5	22.1	25.8	27.2	28.2	28.7	29.6	29.6	29.5	29.0	27.2	23.6	19.3	17.9	17.2	15.2	14.2	20.4	29.6	11.4
7	14.2	14.7	15.7	15.4	15.6	15.6	15.3	19.7	25.4	27.7	29.7	31.6	32.6	33.6	33.9	33.9	33.6	31.9	26.4	21.9	21.9	26.8	26.6	26.0	24.6	33.9	14.2
8	25.1	24.3	24.4	24.2	23.9	23.5	23.3	24.1	25.9	28.5	30.4	31.6	32.4	33.0	33.4	32.9	32.9	32.0	29.6	19.2	20.0	21.4	22.0	22.3	26.7	33.4	19.2
9	22.4	22.3	22.3	21.9	21.5	21.7	21.8	22.6	24.3	26.2	28.0	29.5	30.7	31.2	31.3	31.5	31.8	29.0	23.6	22.6	19.4	19.2	18.9	17.4	24.6	31.8	17.4
10	17.8	17.5	16.9	16.3	16.1	15.5	17.1	20.8	25.9	29.0	30.4	31.4	31.9	32.2	32.1	31.9	31.1	28.2	21.8	19.9	18.1	18.4	16.8	16.2	23.1	32.2	15.5
11	15.2	14.9	13.7	13.5	13.3	12.4	12.8	17.2	24.1	29.0	30.5	31.7	32.3	32.6	32.6	32.6	32.1	29.6	23.1	19.4	17.7	15.7	15.2	14.9	21.9	32.6	12.4
12	13.4	12.8	12.4	11.8	11.0	10.9	10.8	15.1	21.4	26.6	28.8	30.0	31.1	31.6	30.9	30.9	30.7	27.6	20.5	18.6	15.2	14.3	13.7	13.1	20.1	31.6	10.8
13	12.0	11.6	10.6	11.0	10.3	9.9	9.2	13.8	21.0	26.2	28.2	29.6	30.5	31.1	31.2	30.9	30.2	27.6	21.2	18.6	15.7	14.8	14.2	13.1	19.7	31.2	9.2
14	12.3	12.4	12.0	11.6	10.6	10.3	9.8	15.4	23.6	28.5	30.1	30.9	32.0	32.7	32.9	32.7	32.1	28.9	21.8	19.3	16.4	15.3	15.7	14.4	20.9	32.9	9.8
15	13.3	12.8	12.2	11.2	10.0	10.1	10.0	14.4	22.5	28.1	30.3	31.4	31.9	32.3	32.2	32.0	31.2	27.4	20.3	18.3	16.2	15.2	15.4	14.0	20.5	32.3	10.0
16	12.7	13.1	12.3	11.5	11.4	9.7	9.4	13.9	21.7	26.8	29.1	30.3	31.1	30.8	31.3	31.0	29.9	25.1	20.2	18.7	17.5	15.2	14.7	13.5	20.0	31.3	9.4
17	12.9	12.0	11.5	11.3	11.0	10.6	10.0	14.4	21.1	26.4	28.4	--	--	--	--	--	--	--	--	--	--	--	--	--	15.4	28.4	10.0
18	--	--	--	--	--	--	--	--	--	25.5	27.7	28.8	30.0	30.6	30.9	30.4	29.5	26.3	21.5	19.5	17.8	16.1	15.5	15.0	24.3	30.9	15.0
19	14.3	13.9	12.7	12.2	10.8	10.9	10.6	14.9	23.2	26.6	28.2	29.5	30.5	31.2	31.4	31.2	30.3	27.4	22.1	19.7	21.7	25.8	24.6	24.8	22.0	31.4	10.6
20	24.6	24.1	23.8	23.4	22.9	22.6	22.4	23.1	24.7	26.8	29.1	31.0	32.3	33.0	33.5	33.2	32.6	29.9	27.6	26.7	26.4	25.6	24.8	24.2	27.0	33.5	22.4
21	23.2	23.1	22.9	22.4	22.5	22.3	22.1	22.7	24.9	26.9	28.4	29.7	31.2	32.3	32.9	33.2	32.9	28.0	22.2	19.9	19.4	19.0	17.9	19.5	25.0	33.2	17.9
22	16.9	17.3	20.1	21.3	20.7	17.9	18.1	22.7	27.6	30.0	32.0	33.4	34.0	34.4	34.5	34.1	33.1	29.2	23.3	21.7	20.6	18.6	18.1	17.4	24.9	34.5	16.9
23	15.7	15.1	14.1	13.3	13.3	12.5	12.4	16.5	23.5	28.1	30.1	31.4	32.0	32.1	32.7	32.5	31.7	28.2	22.7	22.2	20.1	18.9	18.1	16.7	22.2	32.7	12.4
24	16.7	16.2	15.8	15.0	14.2	14.6	13.7	17.2	23.9	28.6	29.8	30.4	31.5	30.9	30.7	30.0	28.4	25.8	24.4	23.5	23.3	19.6	20.0	20.0	22.7	31.5	13.7
25	18.7	18.0	17.1	16.9	15.7	14.9	15.2	18.5	23.3	26.5	27.9	29.0	29.8	30.5	30.7	30.4	29.5	26.4	21.2	19.0	17.8	17.8	17.0	15.8	22.0	30.7	14.9
26	15.8	14.9	14.5	13.5	13.0	14.0	16.3	18.6	24.1	28.1	30.1	31.8	32.6	33.1	33.2	33.6	33.0	28.5	23.4	22.0	20.0	20.6	19.5	17.8	23.0	33.6	13.0
27	16.9	17.6	16.3	17.5	16.0	18.3	20.1	25.8	28.3	29.9	31.9	33.4	33.9	34.6	35.0	34.8	33.8	31.6	29.0	25.1	22.1	20.6	24.0	28.7	26.0	35.0	16.0
28	25.1	27.3	26.6	26.4	21.4	22.4	25.3	23.8	26.7	30.1	31.4	32.3	32.6	32.0	31.3	31.5	30.9	29.6	24.9	21.9	18.6	17.1	16.2	15.8	25.9	32.6	15.8
29	16.2	14.8	14.6	14.2	13.1	12.6	12.4	15.1	22.8	27.8	30.3	31.3	32.0	32.8	32.9	32.6	31.5	27.4	21.7	20.7	19.4	18.7	17.0	15.4	22.0	32.9	12.4
30	15.5	14.9	15.0	14.0	13.4	13.1	13.1	16.7	24.5	28.9	30.5	31.7	31.4	31.5	31.9	31.2	30.0	25.4	22.1	19.6	18.7	17.8	15.9	15.7	21.8	31.9	13.1
31	14.0	13.3	13.4	12.3	11.6	11.3	11.0	12.2	18.1	24.1	26.9	27.7	27.8	28.5	27.8	27.1	25.7	24.5	21.7	19.5	18.2	16.5	16.2	16.2	19.4	28.5	11.0
Avg	16.5	16.2	15.9	15.4	14.7	14.4	14.5	17.9	23.5	27.1	28.9	30.2	31.0	31.2	31.4	31.2	30.4	27.6	22.8	20.3	18.9	18.3	17.8	17.3	22.2	--	--
Max	25.1	27.3	26.6	26.4	23.9	23.5	25.3	25.8	28.3	30.1	32.0	33.4	34.0	34.6	35.0	34.8	33.8	32.0	29.6	26.7	26.4	26.8	26.6	28.7	--	35.0	--
Min	10.1	9.8	9.0	7.6	7.5	7.0	7.5	12.2	18.1	22.4	24.2	25.1	26.1	24.0	25.4	24.5	23.0	20.7	18.5	15.4	14.0	13.1	12.1	11.1	--	--	7.0

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, Temp_2m_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	18.0	19.5	15.9	13.9	13.3	11.3	9.8	12.4	16.3	20.6	23.0	24.4	24.8	25.2	25.1	24.8	23.9	20.6	16.2	14.5	14.0	12.4	13.0	12.2	17.7	25.2	9.8
2	10.5	10.1	9.3	9.3	9.8	8.8	8.0	9.8	15.8	20.5	23.5	25.3	26.5	27.1	27.7	27.4	26.0	23.6	21.2	18.4	19.0	20.8	20.8	20.7	18.3	27.7	8.0
3	20.9	20.7	20.6	19.5	17.4	16.4	16.9	18.7	20.5	22.7	23.9	23.3	24.2	25.1	25.3	24.7	18.8	15.4	15.3	15.7	15.7	16.1	17.6	18.2	19.7	25.3	15.3
4	18.0	17.8	18.0	17.4	16.4	16.6	15.4	14.7	14.3	15.0	16.0	20.4	22.4	22.9	23.2	22.3	21.7	18.6	16.0	15.3	14.7	14.4	14.2	13.8	17.5	23.2	13.8
5	14.0	13.8	13.4	13.1	13.0	13.4	13.1	14.9	18.7	21.1	22.2	23.3	23.5	23.9	24.1	24.0	23.0	19.3	16.1	15.5	14.7	13.7	13.1	13.2	17.4	24.1	13.0
6	12.8	13.0	12.2	11.8	11.5	10.6	10.1	12.1	17.0	21.5	23.1	23.6	24.3	24.9	25.0	25.0	24.1	20.6	17.1	15.4	14.0	13.3	13.7	12.8	17.1	25.0	10.1
7	13.0	12.1	12.3	12.7	11.4	10.4	10.3	11.5	17.4	22.3	25.0	25.7	26.1	26.4	26.6	26.7	25.6	22.1	18.3	16.6	14.8	15.4	14.7	18.7	18.2	26.7	10.3
8	22.4	22.2	20.7	17.2	21.2	17.9	17.5	19.7	23.5	25.3	26.2	27.1	27.9	28.4	28.5	28.2	27.1	25.3	20.7	16.5	16.3	15.8	17.3	14.5	22.0	28.5	14.5
9	12.9	14.2	18.2	19.9	19.6	18.1	18.0	18.0	19.4	21.5	23.1	24.1	24.8	25.4	25.6	25.3	24.5	21.6	19.4	18.9	16.1	13.7	10.5	10.1	19.3	25.6	10.1
10	15.4	17.5	16.9	17.0	16.0	15.6	12.9	15.2	18.2	20.3	21.4	22.6	23.4	24.0	23.9	23.7	22.7	20.7	19.5	17.2	12.9	12.6	15.3	15.2	18.3	24.0	12.6
11	16.8	16.9	16.8	17.1	17.3	17.2	16.9	17.0	19.0	21.0	22.5	23.8	24.5	25.1	25.5	25.4	24.5	21.6	17.2	14.2	14.1	13.8	12.0	13.5	18.9	25.5	12.0
12	13.6	12.9	14.7	16.6	16.6	12.4	11.3	15.3	19.3	21.6	23.0	24.1	24.8	25.2	25.3	24.9	24.3	21.7	17.2	15.2	14.2	15.3	13.5	13.6	18.2	25.3	11.3
13	10.0	11.6	11.9	12.5	14.3	16.0	14.3	15.5	19.6	21.5	22.8	24.6	25.9	26.9	27.0	26.3	25.0	20.6	16.0	15.5	13.4	11.8	11.6	10.7	17.7	27.0	10.0
14	10.0	9.6	11.3	12.3	14.4	14.4	14.4	13.9	19.7	23.3	24.7	26.4	27.1	26.8	27.1	27.0	25.6	20.2	16.6	15.4	12.8	12.8	12.6	12.4	17.9	27.1	9.6
15	12.6	11.2	10.0	12.0	13.5	14.1	11.5	11.4	17.3	23.1	25.5	27.4	28.7	29.6	30.1	30.2	27.2	22.9	17.0	15.6	14.7	12.5	11.3	11.9	18.4	30.2	10.0
16	10.7	10.3	10.2	8.8	9.3	8.2	8.7	9.9	15.5	22.6	25.8	27.2	26.7	25.9	26.2	25.8	22.9	18.4	16.8	14.8	12.6	12.1	12.8	13.2	16.5	27.2	8.2
17	11.9	10.0	10.5	18.6	17.6	16.0	13.2	13.0	14.4	15.6	16.8	17.7	18.5	18.9	19.2	18.8	17.5	12.6	9.2	7.8	6.1	6.1	4.3	5.0	13.3	19.2	4.3
18	5.7	6.6	9.9	10.8	10.8	10.7	11.1	12.0	14.4	16.1	18.0	20.1	21.4	22.4	23.3	23.5	22.5	20.2	18.2	14.4	11.6	16.1	15.7	17.3	15.5	23.5	5.7
19	18.1	18.2	17.4	17.7	17.5	17.3	16.7	17.2	18.2	19.7	21.1	22.5	24.1	25.2	25.2	24.9	23.5	21.5	21.2	21.0	20.3	19.4	19.6	20.3	20.3	25.2	16.7
20	20.0	19.2	16.9	16.7	17.7	18.3	17.4	16.8	19.2	21.1	22.5	22.7	23.2	23.1	23.1	22.5	21.5	21.2	20.1	18.5	18.0	18.2	17.9	15.8	19.6	23.2	15.8
21	14.5	15.7	17.1	14.9	14.6	13.8	13.8	13.7	14.6	15.9	15.9	17.1	17.4	16.3	17.6	17.1	16.6	15.9	14.5	11.7	9.5	8.4	7.6	7.4	14.2	17.6	7.4
22	6.8	6.2	5.8	5.2	5.4	4.8	4.2	5.0	8.9	13.2	15.8	17.2	18.0	18.6	18.8	18.7	17.6	14.1	11.0	9.9	7.6	7.4	7.1	6.9	10.6	18.8	4.2
23	7.5	7.9	7.5	7.3	6.9	5.9	6.2	8.7	14.4	17.9	19.8	21.4	22.1	22.3	22.5	22.3	20.9	15.8	12.4	10.6	9.9	8.3	7.8	6.9	13.0	22.5	5.9
24	5.0	5.3	9.8	13.3	10.1	15.4	14.5	14.6	15.6	17.4	18.6	20.0	21.3	22.4	23.0	22.9	21.9	19.7	18.8	17.6	16.5	16.4	16.3	16.1	16.4	23.0	5.0
25	16.3	16.1	15.9	15.5	15.6	15.2	14.9	14.9	16.2	18.3	20.0	21.3	22.1	23.1	23.7	23.2	22.1	20.1	18.0	16.6	16.0	15.7	16.7	17.2	18.1	23.7	14.9
26	17.0	16.5	16.2	16.2	16.5	16.3	16.1	16.2	16.8	17.4	19.4	20.7	21.2	21.2	21.0	20.3	17.4	17.0	16.3	16.1	14.3	17.1	16.6	16.2	17.5	21.2	14.3
27	16.0	15.3	13.7	11.8	10.1	8.2	7.3	5.2	9.1	11.6	13.0	13.8	14.0	14.0	14.2	13.7	13.0	12.8	12.3	10.2	8.0	5.7	5.3	5.3	11.0	16.0	5.2
28	5.8	6.0	6.0	6.3	6.6	6.6	6.9	6.9	7.5	8.8	9.8	10.6	11.6	12.2	11.4	11.1	10.4	10.1	9.8	9.5	9.8	9.1	9.3	8.9	8.8	12.2	5.8
29	7.5	5.6	4.7	3.4	2.4	1.6	0.9	1.0	4.8	8.7	10.8	12.0	12.7	13.1	13.1	12.9	11.9	7.8	4.7	3.3	2.2	1.7	1.8	1.0	6.2	13.1	0.9
30	1.9	2.1	0.8	0.2	1.0	1.9	2.3	4.0	7.6	10.4	12.1	13.6	14.4	15.0	14.8	14.6	13.4	8.4	5.8	4.5	3.3	2.4	0.9	-0.1	6.5	15.0	-0.1
Avg	12.8	12.8	12.8	13.0	12.9	12.4	11.8	12.6	15.8	18.5	20.2	21.5	22.2	22.7	22.9	22.6	21.2	18.3	15.8	14.2	12.9	12.6	12.4	12.3	16.1	--	--
Max	22.4	22.2	20.7	19.9	21.2	18.3	18.0	19.7	23.5	25.3	26.2	27.4	28.7	29.6	30.1	30.2	27.2	25.3	21.2	21.0	20.3	20.8	20.8	20.7	--	30.2	--
Min	1.9	2.1	0.8	0.2	1.0	1.6	0.9	1.0	4.8	8.7	9.8	10.6	11.6	12.2	11.4	11.1	10.4	7.8	4.7	3.3	2.2	1.7	0.9	-0.1	--	--	-0.1

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, Temp_2m_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	-0.6	-1.0	-1.4	-1.8	-2.0	-0.8	0.0	1.7	5.1	8.8	11.9	14.5	15.0	15.5	15.4	14.3	13.5	8.4	4.3	2.6	2.7	2.8	2.3	2.0	5.6	15.5	-2.0
2	2.9	2.8	2.5	2.0	2.0	1.5	0.3	1.8	4.9	8.9	12.6	14.2	15.0	14.3	13.7	12.9	12.3	10.7	8.6	6.9	5.4	4.0	4.2	9.8	7.3	15.0	0.3
3	10.6	9.4	10.1	10.2	10.3	10.2	9.9	9.9	11.3	12.8	14.4	16.1	17.5	18.4	18.5	18.6	18.0	14.4	10.2	13.2	10.7	12.3	8.9	5.5	12.6	18.6	5.5
4	3.8	3.0	2.3	2.4	4.4	9.6	6.8	10.5	12.1	14.3	15.8	17.4	18.8	19.0	18.8	18.8	17.3	11.0	8.0	5.7	4.3	2.7	3.2	3.3	9.7	19.0	2.3
5	2.5	1.4	2.0	1.0	0.6	1.3	0.3	1.2	6.6	13.5	17.1	18.1	18.4	18.8	18.7	17.6	16.0	10.2	7.9	7.1	6.5	5.3	3.2	2.6	8.2	18.8	0.3
6	2.1	2.9	2.7	1.6	0.4	1.6	3.2	4.1	6.4	10.4	15.2	17.0	17.4	17.6	17.4	17.1	16.4	12.1	8.7	7.0	6.2	6.5	5.4	5.5	8.5	17.6	0.4
7	4.7	4.1	3.5	2.5	1.6	2.2	1.3	1.7	6.9	11.7	15.1	16.6	17.1	17.0	16.3	16.1	15.2	12.0	9.0	8.1	6.1	5.3	4.8	4.3	8.5	17.1	1.3
8	3.9	3.3	2.6	3.2	4.2	4.4	3.8	4.1	8.5	13.6	16.4	17.5	18.3	19.0	19.4	18.8	17.3	13.8	10.2	8.4	6.3	5.9	4.8	5.1	9.7	19.4	2.6
9	4.1	3.9	3.3	4.1	7.3	7.2	7.6	7.6	11.2	14.7	16.5	18.1	19.2	20.4	20.8	20.9	18.8	15.2	11.2	9.4	9.4	11.3	10.4	9.4	11.8	20.9	3.3
10	7.8	6.6	7.4	7.7	7.0	7.1	7.8	7.9	11.3	16.7	18.9	20.6	21.4	20.8	21.0	20.4	19.2	14.4	11.8	9.4	9.3	8.7	8.8	9.0	12.5	21.4	6.6
11	7.5	6.4	6.5	5.9	5.3	5.3	3.8	5.0	8.8	15.2	18.6	20.1	21.6	21.9	21.7	21.0	19.9	14.6	11.3	10.4	9.6	9.0	7.9	7.3	11.9	21.9	3.8
12	7.1	5.8	4.9	4.4	4.9	5.0	5.4	5.0	9.7	15.7	18.8	20.4	21.5	21.8	21.9	21.5	20.1	16.6	12.6	11.4	9.5	8.8	8.7	7.3	12.0	21.9	4.4
13	6.7	6.5	6.3	5.7	6.8	6.3	5.3	5.0	9.5	15.8	19.4	21.0	22.0	22.2	22.1	21.8	19.7	14.7	11.9	10.7	9.9	8.9	8.3	7.7	12.3	22.2	5.0
14	7.3	6.7	5.6	6.0	5.1	5.5	5.2	5.3	9.2	15.9	19.6	22.1	22.8	23.9	23.9	23.9	22.4	16.2	12.5	10.8	9.4	9.6	8.1	7.1	12.7	23.9	5.1
15	6.2	5.7	5.5	5.1	5.5	5.7	6.9	6.6	12.8	19.1	23.0	25.2	25.9	25.5	25.2	24.7	21.7	15.4	13.5	12.1	11.2	11.8	12.5	12.7	14.1	25.9	5.1
16	11.0	11.3	11.5	11.7	11.8	11.8	11.9	12.0	12.4	12.6	13.7	14.7	17.3	17.9	18.7	19.4	19.2	15.9	14.3	16.1	17.2	17.1	16.9	16.5	14.7	19.4	11.0
17	16.1	15.4	12.6	11.2	10.0	9.2	7.9	6.9	6.9	8.0	9.1	10.0	10.7	11.2	11.4	11.2	10.3	6.6	4.2	3.2	2.0	2.5	1.4	0.9	8.3	16.1	0.9
18	0.4	-0.1	0.7	0.8	1.0	0.3	1.3	1.1	4.3	9.4	11.0	12.4	13.6	14.7	15.5	15.3	14.2	12.7	12.1	11.4	10.9	10.6	10.2	10.1	8.1	15.5	-0.1
19	9.8	9.8	9.8	9.5	9.4	9.3	9.3	9.5	9.7	11.9	13.7	15.0	16.8	17.9	18.9	19.0	18.1	16.3	15.7	15.1	15.4	15.5	15.4	15.2	13.6	19.0	9.3
20	15.2	15.1	14.7	14.4	14.3	14.5	14.4	13.8	14.6	16.2	18.3	19.1	20.7	21.0	21.6	20.8	19.6	17.7	14.5	14.3	14.3	16.3	15.5	15.1	16.5	21.6	13.8
21	14.9	16.4	15.5	14.6	15.8	15.2	15.1	14.8	14.1	16.0	17.5	18.0	18.0	18.4	18.1	17.8	17.7	17.1	17.2	16.9	17.3	17.7	17.1	15.2	16.5	18.4	14.1
22	14.4	14.6	15.0	15.0	15.0	14.8	14.6	14.8	14.9	15.5	16.4	15.4	15.6	15.5	14.8	14.7	15.0	12.9	12.4	12.0	12.1	11.9	11.8	11.4	14.2	16.4	11.4
23	11.5	11.3	11.1	11.3	11.4	11.5	11.4	11.5	11.6	12.1	12.3	12.3	13.5	14.0	14.6	15.4	15.3	12.3	11.4	10.7	9.5	8.7	8.5	8.2	11.7	15.4	8.2
24	7.1	6.6	6.7	6.2	7.7	7.8	6.7	6.4	11.2	14.9	15.5	16.0	15.7	17.0	15.2	7.9	5.2	5.0	5.5	5.9	6.1	6.2	6.3	2.8	8.8	17.0	2.8
25	1.8	1.8	1.7	2.4	2.3	2.8	2.9	3.3	4.1	5.6	6.8	7.7	8.5	9.5	9.4	9.2	8.5	5.3	3.3	3.1	2.0	2.3	2.1	1.7	4.5	9.5	1.7
26	1.2	1.4	1.3	1.2	1.2	1.1	1.2	1.8	4.9	8.5	10.6	11.5	12.5	13.5	14.3	14.3	13.7	12.1	12.1	10.6	9.2	8.1	7.6	7.0	7.5	14.3	1.1
27	7.2	6.0	7.3	8.4	7.7	7.1	7.6	7.6	11.5	14.8	16.4	18.0	19.0	19.6	20.2	19.9	18.9	14.4	10.1	9.4	10.0	10.1	9.2	6.0	11.9	20.2	6.0
28	6.0	5.9	5.1	6.0	5.0	7.0	8.3	8.6	9.5	12.8	14.9	18.4	19.4	17.2	16.4	15.8	14.7	11.9	10.2	9.5	9.9	8.7	9.2	11.3	10.9	19.4	5.0
29	10.8	9.8	8.8	10.4	14.3	15.9	16.3	16.9	17.0	17.9	18.4	20.4	22.0	22.2	22.7	21.8	20.2	18.3	17.2	15.4	16.1	15.3	14.4	14.0	16.5	22.7	8.8
30	14.0	13.5	13.5	13.3	13.2	12.1	12.2	11.1	12.8	14.4	16.1	17.7	18.7	19.8	20.0	19.5	18.6	17.0	15.7	15.1	14.0	13.7	13.1	12.7	15.1	20.0	11.1
31	12.3	12.2	12.1	12.0	12.0	11.9	11.6	11.1	10.8	10.5	10.8	11.2	12.3	12.8	12.7	12.4	12.2	11.4	10.6	9.4	10.0	10.3	10.2	9.9	11.4	12.8	9.4
Avg	7.4	7.1	6.8	6.7	6.9	7.2	7.1	7.4	9.8	13.2	15.3	16.7	17.6	18.0	18.0	17.5	16.4	13.1	10.9	10.0	9.4	9.3	8.7	8.3	11.2	--	--
Max	16.1	16.4	15.5	15.0	15.8	15.9	16.3	16.9	17.0	19.1	23.0	25.2	25.9	25.5	25.2	24.7	22.4	18.3	17.2	16.9	17.3	17.7	17.1	16.5	--	25.9	--
Min	-0.6	-1.0	-1.4	-1.8	-2.0	-0.8	0.0	1.1	4.1	5.6	6.8	7.7	8.5	9.5	9.4	7.9	5.2	5.0	3.3	2.6	2.0	2.3	1.4	0.9	--	--	-2.0

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WD_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	97	87	100	104	89	84	97	111	115	98	70	251	246	224	233	249	244	236	170	102	122	93	82	94	122	251	70
2	97	97	100	99	100	95	102	106	108	71	104	122	290	298	77	42	44	71	115	109	116	68	251	173	95	298	42
3	255	97	75	131	61	118	113	93	250	224	251	254	--	262	252	251	273	270	249	57	100	103	100	106	169	273	57
4	85	105	97	95	92	99	91	95	114	342	215	239	246	254	229	279	271	257	167	103	92	101	95	81	122	342	81
5	97	88	99	99	102	99	103	99	127	110	79	109	233	238	248	253	255	255	301	36	102	93	83	112	111	301	36
6	94	80	95	96	100	104	100	88	103	122	251	251	310	224	219	242	253	253	276	97	96	91	97	87	121	310	80
7	93	99	100	101	107	104	103	105	79	60	47	76	102	130	124	127	127	116	99	104	149	75	64	77	99	149	47
8	70	81	71	73	81	74	70	67	67	69	110	124	141	158	155	104	142	241	38	84	101	105	111	89	96	241	38
9	82	65	76	76	85	73	68	74	69	65	60	46	98	113	33	304	330	231	294	117	86	88	89	91	71	330	33
10	98	113	132	96	98	75	105	105	111	105	130	217	232	238	249	240	218	224	105	108	90	89	93	98	127	249	75
11	98	97	95	99	102	99	100	96	112	106	126	204	237	240	230	223	263	251	171	100	103	98	91	94	127	263	91
12	105	100	95	104	95	99	95	80	66	102	273	288	288	351	286	278	275	266	89	103	103	102	87	89	85	351	66
13	98	91	93	91	90	96	100	103	92	118	109	257	281	270	257	262	260	253	166	103	93	90	90	82	111	281	82
14	84	88	90	102	108	67	99	92	94	125	116	248	265	274	278	270	239	241	85	105	94	88	92	97	106	278	67
15	87	93	92	90	96	97	104	100	96	99	106	241	214	253	250	244	267	258	105	89	85	98	96	94	112	267	85
16	102	96	85	100	102	96	90	100	102	231	277	229	232	229	240	249	275	261	109	103	86	96	94	94	127	277	85
17	91	96	96	97	85	104	97	99	124	103	168	--	--	--	--	--	--	--	--	--	--	--	--	--	104	168	85
18	--	--	--	--	--	--	--	--	--	151	276	233	244	227	249	260	278	266	308	109	98	98	89	92	223	308	89
19	90	91	90	88	101	99	99	80	97	56	45	33	313	243	269	270	268	257	50	107	99	64	94	72	77	313	33
20	66	74	80	81	77	73	71	69	69	61	54	64	78	97	85	99	96	68	60	73	66	69	75	73	74	99	54
21	72	76	78	88	73	68	72	63	61	58	54	49	44	43	35	42	200	174	89	106	88	75	76	100	74	200	35
22	100	124	114	109	104	110	109	107	93	86	111	120	119	249	241	256	247	265	86	98	99	99	92	85	114	265	85
23	82	98	102	100	99	95	101	94	91	185	272	236	243	259	261	274	263	240	101	98	93	93	91	110	123	274	82
24	85	74	100	107	90	96	94	92	126	133	84	254	334	267	273	254	263	190	88	102	127	216	50	108	112	334	50
25	189	104	78	105	90	93	89	94	121	131	335	295	271	276	286	269	272	273	87	98	80	82	85	75	92	335	75
26	85	52	80	98	83	78	100	97	109	80	63	107	114	122	128	158	168	115	165	100	92	96	98	91	102	168	52
27	82	73	122	109	105	101	108	94	81	75	90	112	112	110	103	108	94	61	96	111	111	271	55	128	98	271	55
28	137	81	48	74	174	108	91	80	94	111	101	126	205	226	228	196	193	232	225	109	107	93	91	95	127	232	48
29	88	87	88	90	85	93	92	90	84	104	97	65	294	266	262	275	281	262	92	93	89	69	84	86	85	294	65
30	90	90	85	100	91	106	88	84	99	110	124	182	230	254	242	229	267	212	90	98	97	94	89	101	116	267	84
31	101	100	99	95	96	92	93	93	97	239	250	211	210	204	225	239	249	264	288	98	93	60	100	40	131	288	40
Avg	94	90	92	97	95	93	95	92	98	103	98	197	241	238	241	248	250	242	106	98	98	90	88	93	104	--	--
Max	255	124	132	131	174	118	113	111	250	342	335	295	334	351	286	304	330	273	308	117	149	271	251	173	--	351	--
Min	66	52	48	73	61	67	68	63	61	56	45	33	44	43	33	42	44	61	38	36	66	60	50	40	--	--	33

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WD_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	264	242	110	95	78	96	96	97	83	125	189	227	234	230	254	244	271	268	309	101	97	94	90	95	144	309	78
2	82	80	106	99	89	77	72	115	137	285	275	126	152	237	255	306	254	253	270	82	99	75	79	60	103	306	60
3	54	63	70	66	50	122	93	70	58	51	67	64	53	55	51	60	258	271	151	123	130	82	67	63	73	271	50
4	64	80	75	79	86	81	80	72	127	108	64	62	133	49	17	255	255	275	230	111	104	102	87	100	87	275	17
5	106	106	109	101	100	105	107	118	105	61	69	16	249	231	273	261	265	257	87	101	95	99	102	96	104	273	16
6	82	82	82	84	70	86	85	99	94	145	223	257	258	253	274	267	264	254	96	110	98	94	95	103	110	274	70
7	100	93	83	77	94	101	93	94	94	111	74	219	254	265	258	259	255	270	104	103	95	99	80	90	105	270	74
8	78	76	88	141	54	103	331	328	66	90	98	112	119	100	105	114	101	95	111	121	100	113	92	168	97	331	54
9	126	108	98	89	78	64	71	66	59	78	98	100	95	92	91	99	88	93	73	82	107	99	87	144	91	144	59
10	40	65	66	69	115	109	57	76	91	100	88	94	100	119	105	118	121	115	105	134	98	92	86	72	93	134	40
11	70	65	65	61	67	68	69	69	76	65	70	118	101	107	128	134	124	65	108	93	102	107	78	105	88	134	61
12	104	111	104	90	88	111	90	87	52	61	85	102	94	58	30	43	42	60	107	131	147	92	101	98	87	147	30
13	80	108	94	101	99	103	103	110	106	66	68	72	109	123	251	238	244	239	84	97	95	93	83	85	101	251	66
14	90	100	90	102	107	114	110	115	89	56	59	37	18	267	269	258	260	194	99	93	98	94	95	100	95	269	18
15	97	94	83	87	110	103	94	99	105	101	102	106	103	157	174	188	271	264	99	102	96	82	104	88	108	271	82
16	102	102	96	87	95	104	95	100	87	126	119	149	201	214	211	239	269	16	97	105	99	94	104	86	113	269	16
17	92	90	136	202	208	230	237	230	260	260	252	254	255	266	254	241	238	227	101	106	105	92	94	90	205	266	90
18	86	107	120	126	133	144	122	105	90	70	59	62	57	36	39	48	40	54	73	101	95	97	102	91	86	144	36
19	85	76	83	77	79	81	86	77	75	68	63	58	52	51	47	51	57	64	78	75	75	98	97	72	72	98	47
20	72	84	108	103	88	82	103	109	91	74	80	70	65	64	66	172	261	304	300	285	136	182	101	110	92	304	64
21	297	91	92	66	88	94	106	134	216	218	219	221	250	279	269	267	267	255	262	267	123	105	104	98	190	297	66
22	91	99	105	95	79	96	98	98	91	81	272	235	256	261	262	257	247	234	82	110	91	91	96	74	109	272	74
23	94	103	93	100	95	111	117	104	96	77	89	119	129	124	149	250	266	278	106	101	88	90	84	88	105	278	77
24	83	74	111	71	84	51	142	171	136	115	89	78	69	61	60	56	44	61	63	70	84	76	77	83	82	171	44
25	80	75	71	72	76	84	89	91	77	68	53	52	62	56	51	51	55	57	68	106	102	104	91	86	74	106	51
26	81	89	88	84	72	67	66	67	74	75	80	108	112	116	109	93	135	232	238	240	118	198	213	214	109	240	66
27	209	213	252	250	229	256	299	123	160	226	225	215	230	238	243	252	246	251	264	108	297	322	96	103	232	322	96
28	69	12	57	26	313	263	194	205	204	203	184	190	230	213	205	200	291	9	18	127	126	164	246	265	211	313	9
29	297	94	106	83	104	101	101	95	97	316	261	241	225	246	255	269	263	262	114	101	99	96	107	82	124	316	82
30	100	92	102	100	108	112	108	104	102	75	86	104	193	252	272	282	269	223	102	100	90	95	95	107	110	282	75
Avg	84	90	94	90	90	98	95	100	98	89	93	111	138	165	239	237	261	266	95	106	102	99	95	96	99	--	--
Max	297	242	252	250	313	263	331	328	260	316	275	257	258	279	274	306	291	304	309	285	297	322	246	265	--	331	--
Min	40	12	57	26	50	51	57	66	52	51	53	16	18	36	17	43	40	9	18	70	75	75	67	60	--	--	9

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WD_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	91	77	97	71	96	80	86	66	98	121	147	154	237	262	261	265	251	178	102	91	97	88	90	101	109	265	66
2	93	84	98	104	102	105	96	85	98	296	266	279	285	249	262	256	252	265	103	89	106	101	221	162	134	296	84
3	124	134	99	94	86	61	50	52	58	53	61	55	55	40	46	68	65	50	198	15	352	60	105	107	69	352	15
4	112	89	122	105	103	57	69	39	70	75	71	67	146	237	270	276	266	172	106	91	92	97	102	95	96	276	39
5	103	102	99	96	89	94	95	87	118	108	138	211	236	233	249	253	275	138	103	92	100	93	98	100	118	275	87
6	95	94	93	90	97	94	100	104	98	88	155	202	214	222	227	255	270	257	105	94	91	93	103	108	120	270	88
7	109	95	95	90	94	97	94	98	93	34	280	226	220	231	242	238	249	245	107	108	90	96	94	86	118	280	34
8	91	87	100	96	102	85	90	77	91	132	172	198	254	260	251	263	260	256	96	100	83	98	92	76	113	263	76
9	70	77	77	90	109	106	112	109	110	103	68	72	59	87	93	135	252	287	103	84	89	99	102	101	94	287	59
10	81	87	94	92	92	92	106	98	109	122	93	116	208	284	286	256	242	258	86	106	95	92	93	84	105	286	81
11	86	106	85	98	95	90	106	95	119	114	85	211	243	228	261	260	249	230	99	102	89	86	86	92	115	261	85
12	86	97	95	103	90	106	99	102	94	118	43	302	257	243	248	258	237	252	105	102	90	92	98	96	108	302	43
13	89	99	91	97	86	101	95	98	94	121	100	268	247	254	251	260	260	160	101	102	83	75	94	102	109	268	75
14	92	90	93	85	95	94	85	62	75	114	126	123	127	238	278	283	258	182	102	95	89	78	92	92	102	283	62
15	102	87	90	65	55	100	97	105	93	107	94	126	197	245	250	265	283	118	97	93	93	96	106	108	105	283	55
16	3	30	103	110	93	136	231	178	202	68	112	99	73	15	19	358	295	132	99	182	193	194	195	199	121	358	3
17	209	213	247	262	268	279	261	249	267	264	275	248	233	245	253	245	247	177	100	86	105	102	101	96	233	279	86
18	90	96	97	95	66	107	106	103	95	70	62	60	60	52	42	49	50	52	71	65	72	70	66	66	73	107	42
19	71	71	74	78	76	77	70	80	71	63	60	62	51	55	58	60	66	64	72	78	75	83	83	86	70	86	51
20	81	76	65	68	72	76	76	92	77	79	71	66	63	60	60	75	68	93	110	107	108	108	112	114	82	114	60
21	111	106	101	93	103	108	113	95	99	111	110	95	101	98	82	99	87	101	94	106	83	101	164	122	103	164	82
22	71	85	97	126	119	102	41	58	139	105	77	188	238	233	259	264	266	255	240	185	232	214	232	262	181	266	41
23	6	92	189	111	338	341	316	148	232	269	313	338	289	312	315	301	238	258	101	63	120	103	98	97	338	341	6
24	97	104	95	85	119	128	115	104	114	157	204	212	209	184	213	255	257	217	214	197	187	183	163	263	170	263	85
25	118	132	112	88	216	128	141	37	281	239	224	227	215	226	221	213	270	266	111	104	91	79	103	91	160	281	37
26	89	88	99	97	106	100	102	106	116	109	75	64	58	50	43	50	58	67	82	101	111	106	104	107	87	116	43
27	99	96	113	114	105	111	108	106	110	85	66	65	56	58	56	57	63	104	99	87	99	104	80	82	89	114	56
28	93	67	79	83	98	101	85	92	101	114	108	124	112	297	303	324	102	55	132	85	46	193	95	105	92	324	46
29	264	178	185	101	122	119	101	84	80	77	71	77	67	62	84	63	57	60	67	99	78	76	65	68	85	264	57
30	71	80	73	73	77	79	83	91	94	78	77	105	96	126	110	97	126	115	95	88	140	67	107	154	95	154	67
31	224	152	280	305	288	213	205	199	204	209	216	353	209	240	290	284	307	55	104	100	101	59	120	100	214	353	55
Avg	92	96	99	92	94	98	97	94	104	102	98	123	184	248	277	277	267	168	104	98	97	98	106	103	102	--	--
Max	264	213	280	305	338	341	316	249	281	296	313	353	289	312	315	358	307	287	240	197	352	214	232	263	--	358	--
Min	3	30	65	65	55	57	41	37	58	34	43	55	51	15	19	49	50	50	67	15	46	59	65	66	--	--	3

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WD_20m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	94	87	100	104	89	84	97	111	115	99	67	251	247	224	233	249	244	236	171	97	118	93	81	94	121	251	67
2	95	97	104	100	100	96	102	105	104	71	104	122	288	298	77	42	44	73	115	109	116	89	246	194	97	298	42
3	230	93	93	127	65	116	103	91	253	224	251	255	--	262	252	251	273	270	249	60	100	103	100	106	166	273	60
4	85	105	97	97	92	99	91	95	113	342	215	239	246	255	228	279	271	257	172	103	92	101	95	81	123	342	81
5	97	88	100	100	102	99	103	99	129	109	80	109	233	238	248	253	254	255	297	32	103	94	83	112	112	297	32
6	94	80	95	96	99	104	100	88	103	121	249	247	309	223	214	239	249	249	258	187	109	95	96	95	135	309	80
7	100	109	110	109	115	115	111	110	77	59	48	75	105	130	126	129	126	118	81	76	54	69	65	75	96	130	48
8	67	79	68	71	78	74	67	64	66	68	111	125	140	159	154	105	145	232	38	76	91	95	107	85	93	232	38
9	77	63	74	72	79	68	65	72	67	64	60	46	99	113	42	305	335	226	233	121	103	105	96	101	77	335	42
10	99	101	118	105	108	90	110	118	110	104	133	182	230	235	249	240	217	228	117	110	106	102	93	98	130	249	90
11	103	102	100	105	107	108	109	113	116	106	122	200	236	236	229	222	259	251	216	106	99	110	99	95	135	259	95
12	105	105	99	107	106	103	95	92	69	125	269	284	295	340	284	276	271	261	195	103	107	108	98	96	106	340	69
13	98	93	96	94	87	95	102	96	103	121	104	253	273	264	255	260	258	251	262	110	104	100	96	91	117	273	87
14	93	94	94	91	88	85	93	101	104	125	134	246	257	270	278	270	238	242	164	107	104	97	93	92	119	278	85
15	98	98	94	93	108	102	115	98	97	102	110	238	212	252	248	246	266	253	134	109	102	93	95	99	122	266	93
16	90	102	91	108	89	102	100	104	103	101	239	227	225	227	238	246	269	277	123	110	96	91	102	101	126	277	89
17	94	100	107	101	96	98	105	93	116	104	167	--	--	--	--	--	--	--	--	--	--	--	--	--	106	167	93
18	--	--	--	--	--	--	--	--	--	145	209	237	240	224	245	259	274	264	279	90	108	93	96	98	206	279	90
19	97	97	97	95	95	97	95	89	107	54	44	33	323	233	263	265	263	256	284	111	99	60	92	68	82	323	33
20	62	70	75	76	74	71	68	66	65	59	54	64	78	98	86	102	97	67	57	71	65	67	75	78	73	102	54
21	73	73	75	84	70	66	69	61	60	57	53	47	45	43	37	39	182	184	105	112	110	96	99	116	77	184	37
22	123	109	106	97	97	108	113	109	90	85	112	119	125	204	237	253	246	266	85	104	98	98	94	91	115	266	85
23	92	92	94	100	102	94	98	93	96	216	263	232	240	258	257	272	258	234	134	108	103	102	102	129	135	272	92
24	104	89	85	108	98	99	92	102	114	125	113	245	312	261	267	250	260	205	109	105	124	220	61	102	122	312	61
25	153	106	60	100	89	94	95	102	119	125	315	283	264	267	280	263	264	262	119	113	94	103	89	91	112	315	60
26	94	89	83	83	80	98	107	106	113	77	65	107	110	126	123	163	166	126	184	83	99	105	100	118	107	184	65
27	307	120	112	110	109	107	106	90	79	75	90	111	111	109	104	108	95	59	98	122	124	161	71	131	103	307	59
28	167	79	54	58	113	104	99	69	87	112	100	127	198	222	225	196	191	230	208	109	103	109	99	99	125	230	54
29	97	92	91	93	93	96	96	89	93	105	111	71	292	265	261	273	279	252	108	105	105	89	96	94	99	292	71
30	96	94	89	93	97	95	93	95	115	110	124	180	227	251	240	228	263	253	111	106	97	97	97	96	120	263	89
31	101	108	96	98	105	98	103	98	96	247	245	205	205	203	223	233	239	254	237	116	89	54	107	173	149	254	54
Avg	98	94	92	96	94	96	97	94	99	100	112	190	237	232	237	246	246	242	155	102	101	97	93	102	109	--	--
Max	307	120	118	127	115	116	115	118	253	342	315	284	323	340	284	305	335	277	297	187	124	220	246	194	--	342	--
Min	62	63	54	58	65	66	65	61	60	54	44	33	45	43	37	39	44	59	38	32	54	54	61	68	--	--	32

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WD_20m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	230	234	82	104	81	102	103	97	86	122	164	214	218	218	240	233	259	258	189	108	100	96	91	99	147	259	81
2	90	90	88	91	92	84	86	85	144	274	261	118	149	224	248	299	243	244	249	114	94	81	78	59	115	299	59
3	51	60	66	64	53	127	87	67	56	50	67	63	51	53	49	59	248	258	130	122	116	70	58	56	70	258	49
4	59	74	70	73	79	73	74	67	111	102	54	56	132	48	34	240	239	261	189	104	106	95	93	101	86	261	34
5	102	102	107	108	107	111	115	115	99	54	64	18	244	228	268	255	260	244	162	110	106	101	105	101	116	268	18
6	95	104	91	90	85	92	89	99	102	140	216	248	247	247	266	260	257	240	193	105	110	99	109	114	134	266	85
7	102	99	97	93	98	89	101	82	100	108	72	209	246	255	254	251	248	241	91	111	102	100	74	86	112	255	72
8	74	71	92	99	57	100	27	342	67	91	97	111	118	98	104	113	99	94	109	107	95	107	75	115	90	342	27
9	77	91	94	87	76	64	67	64	57	78	97	98	95	91	91	99	88	89	69	74	102	112	118	98	86	118	57
10	56	62	64	67	111	108	50	78	88	97	87	93	99	117	105	117	122	114	99	125	92	86	70	64	91	125	50
11	62	60	60	57	62	62	65	68	76	65	69	117	100	108	127	134	126	62	107	101	113	120	175	99	90	175	57
12	106	102	101	82	84	126	96	80	51	61	83	101	93	56	31	42	41	52	108	99	153	105	123	104	87	153	31
13	110	101	106	103	97	98	115	114	103	65	68	71	108	121	246	239	245	233	109	112	106	98	95	93	109	246	65
14	98	90	102	115	103	108	100	103	87	51	55	38	17	265	268	256	258	204	106	105	102	104	91	108	97	268	17
15	107	95	92	104	119	117	136	109	115	101	102	105	104	150	173	186	269	239	104	108	100	95	101	99	117	269	92
16	91	103	95	90	91	113	113	110	103	119	119	149	203	210	209	238	265	184	104	96	104	105	104	78	123	265	78
17	113	101	163	195	202	225	228	225	252	254	247	252	250	262	256	239	235	227	139	103	110	102	93	97	201	262	93
18	101	107	118	123	131	134	118	102	87	68	58	61	55	37	39	49	41	51	64	99	112	88	93	85	84	134	37
19	83	75	80	76	78	81	85	77	75	68	63	57	52	52	47	51	56	62	76	76	74	92	93	72	71	93	47
20	71	81	113	102	86	78	100	107	89	75	82	70	66	64	64	277	264	307	298	289	111	193	99	126	85	307	64
21	287	94	93	83	88	92	100	78	206	220	225	224	251	281	272	269	267	257	264	236	108	107	105	110	185	287	78
22	97	93	109	104	100	107	101	98	99	88	270	236	258	264	265	260	251	234	114	112	112	103	103	94	124	270	88
23	105	119	110	112	101	100	88	107	100	79	90	123	130	130	147	252	269	259	91	104	106	100	96	90	110	269	79
24	89	95	96	72	71	49	142	172	134	115	89	80	69	61	60	56	43	58	60	68	83	74	76	81	81	172	43
25	76	72	67	69	74	83	88	91	77	69	54	52	62	56	50	48	54	57	67	112	107	107	89	83	73	112	48
26	80	88	88	81	72	67	66	68	74	74	82	111	116	119	112	98	152	227	223	239	164	198	212	214	115	239	66
27	209	211	250	246	222	242	281	87	154	219	222	210	222	230	235	244	236	242	260	118	297	322	96	106	226	322	87
28	69	84	55	30	329	266	205	193	191	192	176	184	219	206	200	194	289	8	27	85	224	352	240	252	211	352	8
29	267	82	113	93	109	114	115	113	106	273	252	235	221	239	248	265	260	256	102	104	115	101	114	97	148	273	82
30	106	106	101	110	112	114	104	97	104	73	86	106	207	268	269	282	269	203	109	105	100	95	94	96	112	282	73
Avg	90	93	94	92	91	100	98	95	100	91	93	112	139	160	219	241	254	237	115	107	108	99	100	96	102	--	--
Max	287	234	250	246	329	266	281	342	252	274	270	252	258	281	272	299	289	307	298	289	297	352	240	252	--	352	--
Min	51	60	55	30	53	49	27	64	51	50	54	18	17	37	31	42	41	8	27	68	74	70	58	56	--	--	8

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WD_20m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	92	91	96	89	83	88	80	84	94	126	144	151	232	258	257	257	248	181	109	110	102	96	97	105	117	258	80
2	96	81	101	107	102	102	99	93	104	290	262	271	281	248	258	252	250	262	136	116	104	104	145	129	137	290	81
3	111	127	101	95	84	58	49	49	54	50	59	53	55	41	46	67	63	52	132	13	9	55	109	97	67	132	9
4	123	108	149	140	93	50	61	39	66	72	69	66	148	239	271	278	270	181	109	102	93	98	103	96	101	278	39
5	101	107	92	106	107	89	108	107	117	112	143	208	231	234	248	251	273	165	113	96	102	98	105	106	126	273	89
6	105	98	94	101	104	101	109	103	100	109	153	202	214	219	222	250	268	257	114	102	105	103	103	103	128	268	94
7	99	111	106	99	106	101	99	96	101	48	275	221	214	225	233	230	242	253	115	112	107	104	100	98	128	275	48
8	100	92	86	96	116	98	94	102	105	134	167	193	248	257	252	259	256	240	127	111	100	91	94	91	126	259	86
9	93	94	87	106	124	124	122	120	112	103	66	70	61	90	98	138	245	265	113	100	103	122	113	114	106	265	61
10	105	103	108	112	109	116	122	121	122	122	96	117	204	281	286	256	240	237	105	112	104	96	97	100	123	286	96
11	96	100	93	100	99	100	96	101	100	118	103	214	240	226	259	255	246	234	114	112	102	98	97	106	123	259	93
12	94	104	95	98	99	99	96	102	106	126	59	299	253	237	245	254	236	240	104	104	102	98	95	101	115	299	59
13	94	97	93	94	95	101	100	97	100	119	107	272	246	249	244	258	257	196	107	111	103	88	104	105	119	272	88
14	102	93	96	93	96	97	95	82	97	122	127	126	136	228	258	278	252	187	113	103	94	90	97	98	113	278	82
15	99	88	87	95	92	100	104	104	115	113	95	128	196	239	245	261	290	132	111	101	97	100	73	113	112	290	73
16	38	337	110	113	100	109	55	103	260	99	102	94	74	11	19	12	297	164	97	168	186	186	187	189	103	337	11
17	198	201	226	247	260	273	250	229	252	252	266	235	219	231	241	231	234	179	112	95	104	112	107	95	216	273	95
18	103	103	111	104	76	106	116	112	100	70	62	59	60	53	43	48	49	49	67	64	69	66	66	66	76	116	43
19	71	71	72	77	74	76	69	77	68	63	60	61	51	55	57	60	67	63	71	78	76	82	83	85	69	85	51
20	79	74	64	65	70	74	75	88	76	78	71	66	62	59	59	75	68	87	100	120	111	107	120	120	82	120	59
21	117	114	119	104	104	112	121	106	106	111	111	97	103	101	86	102	89	103	95	108	85	103	163	130	108	163	85
22	69	86	101	126	122	100	76	59	96	104	81	176	215	209	235	249	253	243	223	176	210	197	211	237	163	253	59
23	159	79	177	108	342	319	315	134	208	245	288	324	271	296	305	282	228	238	125	117	121	108	109	104	205	342	79
24	114	94	106	119	117	118	115	84	124	150	192	199	197	174	196	233	229	191	183	168	163	161	153	256	159	256	84
25	112	123	110	93	232	147	106	291	312	202	184	188	186	193	198	191	260	260	130	109	110	100	108	103	156	312	93
26	101	105	107	107	112	108	109	110	114	104	74	63	57	49	43	49	57	65	78	98	109	115	112	113	91	115	43
27	112	108	113	115	111	113	113	108	105	84	65	64	55	58	54	56	62	111	125	111	119	114	96	88	95	125	54
28	94	81	86	87	88	106	101	107	114	122	118	121	111	293	295	320	116	56	104	90	77	198	102	106	99	320	56
29	252	164	183	107	113	110	93	79	76	75	71	78	66	61	85	64	56	60	66	100	76	75	64	66	84	252	56
30	69	78	73	71	76	82	88	87	91	77	77	103	96	124	109	100	127	117	98	82	131	56	102	155	94	155	56
31	224	161	307	275	280	205	196	194	192	199	207	348	205	233	284	281	302	55	105	104	113	91	102	104	202	348	55
Avg	103	101	103	102	99	101	98	99	105	109	104	124	174	232	262	264	257	178	111	106	105	104	108	108	109	--	--
Max	252	337	307	275	342	319	315	291	312	290	288	348	281	296	305	320	302	265	223	176	210	198	211	256	--	348	--
Min	38	71	64	65	70	50	49	39	54	48	59	53	51	11	19	12	49	49	66	13	9	55	64	66	--	--	9

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WS_ms_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.8	0.8	0.9	1.0	0.7	0.8	1.0	1.0	1.1	1.3	1.3	2.3	2.7	2.6	2.7	2.7	2.6	2.2	0.7	0.8	0.4	0.9	1.0	1.1	1.4	2.7	0.4
2	1.0	1.0	0.9	0.9	1.1	1.0	0.7	0.7	1.1	1.9	1.2	3.4	2.6	2.0	1.3	2.0	1.5	1.5	1.2	1.0	1.1	0.6	0.5	0.3	1.3	3.4	0.3
3	0.5	0.9	0.4	0.6	0.4	0.8	0.6	0.7	0.6	3.0	3.1	3.0	--	3.6	3.5	3.3	3.6	3.2	1.6	0.8	1.1	1.5	1.2	1.1	1.7	3.6	0.4
4	1.0	1.3	1.2	0.6	1.2	1.0	1.1	1.0	0.9	1.0	2.0	2.5	2.5	2.4	2.5	3.1	3.1	2.0	0.6	1.0	0.9	0.9	1.2	0.9	1.5	3.1	0.6
5	1.1	0.9	1.2	1.0	1.2	1.2	1.3	1.1	0.6	1.2	1.6	2.0	2.5	2.9	3.3	3.1	2.0	1.5	0.2	0.6	1.3	1.1	0.9	0.9	1.4	3.3	0.2
6	1.2	0.9	1.1	1.0	0.9	0.9	1.2	1.0	0.9	1.2	1.9	2.8	2.3	2.3	1.9	2.8	2.7	2.2	1.0	0.7	1.3	1.3	0.9	1.0	1.5	2.8	0.7
7	1.2	1.7	2.3	2.6	3.3	2.8	2.5	1.8	3.6	3.6	3.3	3.2	2.3	2.8	2.4	2.4	2.3	2.2	1.0	0.5	1.0	2.2	3.2	3.3	2.4	3.6	0.5
8	3.1	2.4	3.4	3.6	3.3	2.7	3.6	4.3	4.4	3.7	4.2	4.0	3.0	3.2	2.3	1.9	1.5	1.8	3.4	2.9	2.4	2.6	2.2	2.5	3.0	4.4	1.5
9	2.8	2.6	3.4	3.1	2.8	3.3	4.1	3.8	4.1	3.9	3.5	3.1	1.8	1.3	1.1	1.4	1.2	1.4	0.6	1.7	0.7	1.2	1.0	0.9	2.3	4.1	0.6
10	1.1	1.6	0.7	1.0	1.1	0.9	1.8	1.6	1.8	1.8	1.4	2.1	3.0	2.9	2.7	2.7	2.2	1.1	0.8	1.3	1.0	1.1	0.9	1.4	1.6	3.0	0.7
11	1.0	1.3	0.9	1.2	1.2	1.1	1.4	0.9	0.4	1.6	1.5	3.1	3.5	3.8	3.6	3.7	3.1	2.1	0.6	1.0	1.0	1.0	1.2	1.1	1.7	3.8	0.4
12	1.3	1.2	1.2	1.2	1.0	1.3	1.2	1.0	0.5	0.4	1.1	1.9	1.8	1.9	2.3	3.3	2.5	1.9	0.7	1.3	0.9	1.3	1.0	1.1	1.4	3.3	0.4
13	1.2	1.1	1.0	1.2	0.9	1.1	1.1	1.2	1.1	1.2	0.9	1.4	2.3	2.7	2.4	2.0	2.2	1.9	0.7	1.3	1.2	1.0	1.3	1.1	1.4	2.7	0.7
14	0.8	1.4	1.3	1.1	0.9	0.7	0.5	0.9	1.2	1.8	1.3	2.0	1.9	2.3	2.2	1.7	2.0	1.8	0.8	1.3	1.1	1.1	1.4	1.1	1.4	2.3	0.5
15	1.1	1.3	1.2	1.2	1.0	1.0	1.3	1.2	0.7	1.0	1.0	2.7	2.9	3.3	3.1	2.8	2.3	1.1	0.8	1.1	0.8	1.1	1.2	1.2	1.5	3.3	0.7
16	0.9	1.4	1.0	1.1	1.2	0.8	0.7	1.2	0.5	0.6	1.1	2.3	2.7	3.2	3.5	3.0	2.2	0.8	0.4	1.2	1.0	0.7	1.2	1.0	1.4	3.5	0.4
17	1.0	1.0	1.1	1.2	1.2	1.0	1.0	1.1	0.4	1.2	2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	2.0	0.4
18	--	--	--	--	--	--	--	--	--	0.5	1.2	1.6	2.3	2.6	3.3	2.9	2.5	1.5	0.8	1.2	1.2	0.9	1.2	1.3	1.7	3.3	0.5
19	1.2	1.3	1.0	1.2	0.9	1.1	1.1	1.0	1.9	4.0	4.1	2.2	1.2	2.4	2.8	2.8	3.0	2.1	0.8	1.4	1.9	3.4	3.0	4.3	2.1	4.3	0.8
20	4.7	3.8	3.8	3.9	3.8	3.1	3.1	4.4	4.3	4.5	3.8	4.3	3.9	4.2	3.0	2.9	2.9	3.1	3.0	2.9	3.6	3.2	2.8	2.5	3.6	4.7	2.5
21	2.3	3.2	3.5	3.1	3.9	4.3	4.1	4.1	4.5	4.6	5.0	5.1	4.4	3.7	2.7	1.3	0.7	0.6	0.6	0.7	1.1	1.0	0.9	1.7	2.8	5.1	0.6
22	1.1	1.6	2.3	2.2	2.0	1.5	1.7	2.0	2.6	2.7	3.2	2.8	2.0	2.0	2.9	3.0	2.7	1.2	0.4	1.1	1.2	1.1	0.9	1.0	1.9	3.2	0.4
23	0.9	0.9	0.9	0.8	1.3	1.0	1.3	1.3	0.9	0.4	2.2	3.0	2.7	2.6	2.2	1.6	1.9	1.3	0.9	1.2	1.1	1.1	1.0	0.9	1.4	3.0	0.4
24	1.0	0.7	0.8	1.2	1.1	1.2	0.7	1.0	0.6	1.0	1.1	1.0	1.6	3.4	3.3	2.1	1.2	0.4	0.6	1.0	3.0	0.9	0.7	2.0	1.3	3.4	0.4
25	0.7	0.8	0.9	1.1	0.6	0.7	1.1	1.7	1.8	1.5	1.2	1.6	2.4	2.8	2.7	2.9	2.3	1.4	0.6	0.9	0.7	1.1	0.7	0.8	1.4	2.9	0.6
26	0.6	0.4	0.7	0.6	0.3	0.9	1.7	1.9	1.9	2.3	1.8	2.4	2.1	1.9	1.5	1.5	1.8	0.9	0.4	1.0	1.1	1.5	1.6	1.0	1.3	2.4	0.3
27	0.6	0.8	0.8	1.4	1.4	2.1	2.2	2.9	3.1	3.5	4.2	4.2	4.3	3.2	2.7	2.5	1.6	1.8	1.8	0.8	0.5	0.2	1.5	1.7	2.1	4.3	0.2
28	1.3	2.4	2.5	2.0	0.5	1.8	2.1	1.6	1.7	2.9	2.6	3.1	2.6	2.7	2.1	2.5	2.1	2.4	0.7	1.1	1.0	0.7	0.9	1.0	1.8	3.1	0.5
29	1.2	1.0	1.0	0.9	1.0	1.0	0.9	0.7	0.7	0.6	1.1	1.3	1.8	2.5	2.5	2.5	2.3	0.9	0.7	1.2	1.2	0.9	1.0	1.0	1.2	2.5	0.6
30	1.1	1.0	0.5	1.1	1.0	0.8	0.9	1.4	1.3	2.3	2.0	3.3	3.4	3.4	3.7	2.9	1.9	0.6	0.9	0.9	1.0	0.9	0.9	1.1	1.6	3.7	0.5
31	0.7	0.9	1.0	0.9	1.0	0.8	1.0	0.8	0.5	0.4	2.2	2.7	2.9	2.7	2.9	2.6	2.2	2.5	0.9	1.0	0.7	0.6	0.8	0.6	1.4	2.9	0.4
Avg	1.3	1.4	1.4	1.5	1.4	1.4	1.6	1.6	1.7	2.0	2.2	2.7	2.6	2.8	2.6	2.5	2.2	1.7	0.9	1.2	1.2	1.2	1.3	1.4	1.7	--	--
Max	4.7	3.8	3.8	3.9	3.9	4.3	4.1	4.4	4.5	4.6	5.0	5.1	4.4	4.2	3.7	3.7	3.6	3.2	3.4	2.9	3.6	3.4	3.2	4.3	--	5.1	--
Min	0.5	0.4	0.4	0.6	0.3	0.7	0.5	0.7	0.4	0.4	0.9	1.0	1.2	1.3	1.1	1.3	0.7	0.4	0.2	0.5	0.4	0.2	0.5	0.3	--	--	0.2

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WS_ms_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.8	1.7	0.6	0.4	1.1	1.0	0.8	1.2	0.6	0.8	1.8	3.2	2.9	3.1	3.5	2.5	2.5	1.4	0.4	1.0	0.9	0.7	1.0	1.3	1.5	3.5	0.4
2	0.9	1.0	0.8	1.1	1.0	0.8	0.5	0.8	0.5	1.5	1.3	2.0	2.6	2.1	3.0	2.2	3.9	3.2	1.3	1.0	2.3	1.6	2.6	3.3	1.7	3.9	0.5
3	3.2	2.7	3.7	3.3	3.0	1.7	2.0	3.7	5.2	5.1	5.4	5.4	6.3	5.9	5.9	4.8	5.1	2.7	2.4	2.5	2.1	2.5	3.3	3.8	3.8	6.3	1.7
4	4.5	3.7	4.7	3.6	3.5	3.3	3.1	2.8	1.8	2.1	4.8	3.2	1.3	2.3	1.2	2.3	2.5	1.3	0.4	0.9	1.0	0.8	1.2	1.0	2.4	4.8	0.4
5	1.8	2.2	2.4	2.2	1.9	2.4	2.5	3.0	2.3	2.1	3.0	1.6	3.1	2.7	2.5	2.8	2.5	0.8	0.5	1.1	0.9	0.8	0.9	1.1	2.0	3.1	0.5
6	0.9	1.2	1.0	0.9	0.7	0.7	0.6	0.8	1.4	1.4	1.9	3.0	3.1	3.0	2.8	2.8	2.7	1.1	0.8	1.0	1.0	0.9	1.2	1.1	1.5	3.1	0.6
7	1.3	1.1	1.1	0.9	0.8	0.5	1.0	0.5	1.0	2.0	2.1	2.5	3.2	3.0	2.6	2.8	3.0	1.1	1.0	1.1	1.0	1.3	0.6	2.3	1.6	3.2	0.5
8	3.2	3.2	1.8	1.2	2.7	1.1	1.0	1.5	2.5	5.0	5.2	5.1	5.3	5.0	5.2	4.9	4.2	3.5	1.3	0.7	1.4	1.5	1.8	0.8	2.9	5.3	0.7
9	0.9	1.8	2.5	3.0	3.1	3.0	4.6	5.4	4.9	3.4	4.6	6.1	5.6	5.2	4.9	5.5	4.6	1.6	2.0	2.3	1.7	1.3	0.6	0.5	3.3	6.1	0.5
10	2.7	4.1	3.3	4.3	3.0	1.9	1.3	1.8	3.2	5.8	5.4	5.1	4.8	5.1	5.2	4.3	3.4	2.6	2.1	1.0	0.6	1.2	2.1	2.3	3.2	5.8	0.6
11	2.9	3.4	4.3	4.7	4.9	5.5	5.4	4.4	3.4	3.7	3.5	3.5	3.5	3.5	3.0	3.1	2.3	1.5	1.1	0.8	1.6	1.4	0.6	1.7	3.1	5.5	0.6
12	1.8	2.0	1.7	2.6	2.8	1.2	1.5	2.4	2.8	2.7	3.9	4.1	3.6	2.9	2.8	3.5	2.6	2.1	1.3	1.3	0.9	1.6	1.5	1.5	2.3	4.1	0.9
13	0.6	1.8	1.7	1.9	2.4	2.7	2.3	2.4	3.2	4.2	3.9	3.5	1.8	1.6	3.1	3.1	2.3	0.9	0.8	1.3	1.2	0.9	1.3	1.2	2.1	4.2	0.6
14	1.1	0.9	1.4	2.0	2.2	3.7	3.8	3.4	3.0	4.5	3.9	3.2	2.1	3.1	2.3	2.6	2.3	0.6	1.1	1.3	1.1	1.6	1.3	1.6	2.3	4.5	0.6
15	1.4	1.1	1.0	1.9	3.8	3.3	0.8	1.2	1.5	2.3	2.3	2.6	2.0	1.5	1.2	1.7	3.1	1.5	1.1	1.2	1.2	1.0	0.9	1.2	1.7	3.8	0.8
16	0.9	1.2	1.1	1.0	1.1	1.0	1.1	1.4	0.7	1.6	2.5	2.5	2.3	2.8	2.8	3.2	1.2	0.5	1.0	0.9	0.8	1.1	1.1	1.0	1.5	3.2	0.5
17	0.7	1.0	1.2	3.5	3.4	3.5	1.8	2.2	3.2	3.4	3.6	2.9	2.7	2.9	2.9	2.8	1.9	0.7	1.0	1.2	1.1	1.4	1.0	1.2	2.1	3.6	0.7
18	1.8	1.7	2.6	3.0	2.5	1.7	1.9	2.9	3.0	4.5	4.2	3.7	4.1	4.3	3.7	3.6	3.1	3.2	2.0	1.8	1.4	2.5	2.7	3.2	2.9	4.5	1.4
19	3.5	3.9	3.0	3.8	3.6	4.2	3.2	4.4	4.4	5.6	5.8	5.4	5.5	4.8	4.6	4.3	3.5	2.8	3.0	2.7	2.3	2.3	2.2	3.0	3.8	5.8	2.2
20	3.6	2.4	2.3	2.0	2.2	3.0	2.8	2.4	2.2	3.5	3.1	3.1	3.1	2.5	2.4	2.1	2.0	2.8	1.6	1.6	1.0	1.5	1.1	1.1	2.3	3.6	1.0
21	1.7	1.5	1.9	1.3	1.3	1.2	1.1	0.9	0.4	2.3	3.3	5.2	5.2	5.3	4.8	4.9	3.9	3.5	2.0	0.3	0.5	0.9	1.0	1.1	2.3	5.3	0.3
22	0.8	0.9	1.1	1.1	1.1	0.9	1.0	1.1	0.9	0.7	1.5	2.2	2.2	2.7	2.3	2.7	2.4	1.0	0.7	1.3	0.7	1.1	1.1	0.8	1.4	2.7	0.7
23	1.5	2.1	2.0	1.9	1.7	2.1	2.2	2.5	2.1	2.8	2.8	3.5	3.3	1.4	1.0	2.4	2.5	0.8	1.4	1.0	1.4	1.1	1.2	0.9	1.9	3.5	0.8
24	0.6	0.9	1.7	2.9	2.4	2.9	1.5	3.4	4.3	5.3	4.7	4.0	4.7	4.2	4.0	3.6	3.1	2.2	3.9	3.1	2.8	4.5	5.9	3.9	3.4	5.9	0.6
25	3.2	3.4	4.2	3.7	4.2	3.5	3.0	3.0	3.6	4.4	5.2	5.1	5.0	4.7	4.2	4.6	4.3	3.7	2.1	1.8	1.9	1.9	2.5	3.2	3.6	5.2	1.8
26	3.2	3.4	2.9	3.2	4.4	4.0	3.9	4.2	4.8	4.6	3.7	4.3	5.0	3.9	2.7	1.5	0.4	0.6	1.1	1.1	0.7	2.3	2.8	2.8	3.0	5.0	0.4
27	3.7	4.2	5.8	3.0	2.4	1.4	1.3	0.7	1.5	2.9	2.7	3.5	3.9	4.4	4.1	4.3	3.4	2.4	2.2	1.3	4.3	2.6	1.8	1.2	2.9	5.8	0.7
28	0.4	0.3	0.5	0.8	0.4	0.5	0.9	2.1	1.9	1.5	1.3	1.6	2.4	3.3	3.1	2.4	0.6	1.0	0.4	0.5	0.7	0.1	1.6	1.4	1.2	3.3	0.1
29	0.6	0.8	0.6	0.3	0.5	0.8	0.8	0.6	0.8	0.9	2.7	2.3	2.8	2.8	2.7	2.3	2.2	0.8	0.7	0.9	0.9	1.1	1.3	0.9	1.3	2.8	0.3
30	1.6	1.6	1.3	1.5	3.1	3.3	2.5	2.7	2.1	3.0	2.6	2.0	1.3	2.4	3.3	2.8	2.1	0.5	1.2	0.9	1.1	1.1	0.9	0.9	1.9	3.3	0.5
Avg	1.9	2.0	2.1	2.2	2.4	2.2	2.0	2.3	2.4	3.1	3.4	3.5	3.5	3.4	3.3	3.2	2.8	1.7	1.4	1.3	1.4	1.5	1.6	1.7	2.4	--	--
Max	4.5	4.2	5.8	4.7	4.9	5.5	5.4	5.4	5.2	5.8	5.8	6.1	6.3	5.9	5.9	5.5	5.1	3.7	3.9	3.1	4.3	4.5	5.9	3.9	--	6.3	--
Min	0.4	0.3	0.5	0.3	0.4	0.5	0.5	0.5	0.4	0.7	1.3	1.6	1.3	1.4	1.0	1.5	0.4	0.5	0.4	0.3	0.5	0.1	0.6	0.5	--	--	0.1

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WS_ms_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.8	1.0	1.0	0.9	0.6	0.8	0.5	0.7	0.3	0.7	0.9	1.4	3.0	2.6	2.4	2.1	1.7	0.6	0.6	1.1	1.0	0.8	1.0	1.0	1.1	3.0	0.3
2	1.0	0.6	0.9	0.8	1.3	1.2	1.0	1.0	1.1	0.6	0.8	2.1	2.4	1.8	3.3	3.1	1.9	1.2	0.9	0.5	1.0	1.0	1.0	2.1	1.4	3.3	0.5
3	1.6	1.6	2.4	2.6	3.7	3.5	3.5	4.1	4.0	5.6	4.6	4.1	4.2	3.6	4.2	3.5	2.4	1.4	0.7	2.2	1.3	3.3	1.3	0.8	2.9	5.6	0.7
4	1.0	0.9	0.5	1.1	1.2	1.9	1.7	3.7	2.6	3.0	3.7	2.3	1.8	3.2	2.4	2.1	2.0	0.5	1.2	1.1	1.0	1.0	1.5	1.2	1.8	3.7	0.5
5	1.3	1.4	1.4	1.1	1.0	1.2	1.1	1.2	0.5	1.0	1.4	2.6	2.8	2.7	2.9	2.7	1.7	0.5	1.1	0.8	1.1	1.0	1.1	1.1	1.4	2.9	0.5
6	1.1	1.1	0.8	1.1	1.1	1.2	1.1	1.1	0.7	0.5	1.1	3.0	3.2	3.7	3.1	2.2	2.0	0.7	0.8	1.0	0.9	1.2	0.8	1.3	1.5	3.7	0.5
7	1.1	1.0	0.8	0.7	1.0	1.2	0.6	1.1	1.0	0.5	0.9	2.0	2.4	2.8	2.7	2.5	2.2	0.6	0.8	1.2	0.8	1.1	1.1	1.1	1.3	2.8	0.5
8	1.0	0.7	0.5	0.4	0.6	0.9	0.5	0.9	1.5	1.3	1.0	1.3	1.7	2.5	2.4	2.9	2.4	1.1	0.9	1.2	0.8	0.9	0.9	0.7	1.2	2.9	0.4
9	0.6	0.5	0.4	1.0	2.5	2.1	2.4	2.6	2.7	3.0	3.5	2.7	2.3	1.7	1.4	1.4	1.2	1.0	0.7	0.7	1.1	1.9	2.2	1.7	1.7	3.5	0.4
10	1.1	1.0	1.4	1.7	1.3	1.7	2.7	2.0	2.4	2.5	2.6	1.6	2.3	4.0	2.9	2.0	1.8	0.7	1.4	0.6	1.1	0.9	1.0	1.0	1.7	4.0	0.6
11	0.9	1.0	1.1	1.3	1.1	1.2	0.6	1.1	0.7	1.0	0.6	0.8	1.8	2.7	3.0	2.3	1.6	0.4	0.9	1.2	1.2	1.0	1.2	1.0	1.2	3.0	0.4
12	1.2	1.0	1.1	1.0	1.3	1.1	1.2	0.9	1.1	0.7	0.7	1.4	2.3	2.0	2.4	2.1	1.7	1.1	0.8	1.2	0.8	0.7	0.8	1.2	1.2	2.4	0.7
13	0.8	1.0	1.1	0.9	0.9	1.2	1.0	0.9	1.1	0.6	0.9	1.0	1.9	2.5	2.3	2.3	1.6	0.4	1.1	1.1	1.1	0.5	1.0	1.2	1.2	2.5	0.4
14	1.2	1.1	1.0	1.1	0.9	1.1	0.9	0.6	0.9	1.6	2.4	1.6	1.1	1.4	2.5	2.2	1.6	0.7	1.0	1.3	0.8	1.3	1.1	1.1	1.3	2.5	0.6
15	1.2	1.0	0.6	0.4	1.0	0.8	1.7	1.1	1.6	2.0	2.8	2.1	1.9	3.0	1.7	1.4	0.9	0.8	1.2	1.0	0.9	0.8	0.7	1.4	1.3	3.0	0.4
16	0.8	1.3	1.6	1.6	1.1	0.5	0.4	0.4	0.5	0.8	1.1	0.9	1.0	1.1	1.1	0.9	1.1	1.1	1.2	3.7	5.3	6.7	7.0	6.2	2.0	7.0	0.4
17	5.1	5.4	6.4	6.1	5.6	5.3	4.1	4.7	4.8	3.8	3.5	3.0	2.9	2.6	2.3	1.9	1.9	0.8	0.8	0.7	0.8	1.1	1.1	1.2	3.2	6.4	0.7
18	1.2	1.0	1.8	2.2	1.1	2.0	3.4	3.0	2.4	4.2	4.0	4.3	4.8	4.5	3.7	4.2	4.0	3.6	3.0	2.2	2.7	3.0	2.9	3.7	3.0	4.8	1.0
19	2.7	3.7	5.6	5.5	4.8	3.8	4.0	4.2	4.1	5.8	6.9	6.6	5.1	5.5	5.0	4.7	4.4	2.6	2.7	1.9	2.8	3.2	2.9	2.7	4.2	6.9	1.9
20	3.7	3.6	4.1	4.3	4.9	4.8	4.0	2.8	3.9	4.1	4.5	4.7	4.0	3.2	3.1	2.9	2.7	1.8	1.8	2.6	2.3	2.3	2.1	1.8	3.3	4.9	1.8
21	1.8	1.7	1.7	1.3	1.9	1.2	1.5	1.4	2.9	2.9	2.8	2.7	3.0	2.5	2.5	2.4	2.9	2.6	2.7	2.0	1.5	2.2	2.4	1.9	2.2	3.0	1.2
22	1.3	1.5	2.0	2.3	2.2	1.5	0.7	1.4	0.5	1.6	1.7	3.3	4.5	3.7	4.4	2.2	2.7	1.3	1.6	1.1	1.9	1.4	1.0	0.3	1.9	4.5	0.3
23	0.2	0.5	0.3	0.3	0.7	0.6	0.4	0.5	0.3	0.5	1.3	1.0	1.1	1.9	1.3	0.9	1.3	0.7	1.1	1.0	1.1	0.9	1.6	1.1	0.9	1.9	0.2
24	0.9	0.8	1.2	0.6	1.0	0.9	0.7	0.5	1.3	2.1	2.6	3.5	3.6	5.0	5.7	7.5	4.6	1.6	2.8	3.3	2.6	2.2	1.9	2.7	2.5	7.5	0.5
25	1.7	1.4	1.6	1.1	0.4	0.3	0.7	0.4	0.3	1.4	2.4	2.7	2.7	3.0	2.5	2.2	1.7	0.5	0.7	0.9	0.7	1.0	1.7	1.2	1.4	3.0	0.3
26	1.2	1.4	1.7	1.8	1.9	1.7	2.2	2.1	2.0	2.1	3.2	3.8	3.9	3.9	3.6	3.6	3.2	3.0	3.2	2.0	2.2	2.0	2.1	2.0	2.5	3.9	1.2
27	2.0	1.8	3.0	2.9	2.6	2.8	2.5	2.2	2.4	3.1	3.9	3.1	4.0	3.8	3.7	3.4	2.9	1.7	1.3	1.1	1.8	2.3	1.6	0.6	2.5	4.0	0.6
28	0.9	0.9	0.6	0.8	0.4	1.8	2.2	2.4	2.5	2.6	1.8	2.2	2.4	2.4	1.7	1.3	0.4	0.5	0.6	0.7	0.9	0.6	1.4	2.5	1.4	2.6	0.4
29	1.4	1.2	0.7	2.0	2.8	2.4	2.8	4.1	3.6	4.8	4.4	3.3	3.6	4.0	3.9	4.1	4.0	3.4	3.0	2.6	3.1	3.3	3.6	4.0	3.2	4.8	0.7
30	4.2	3.0	3.5	4.4	3.5	2.4	2.5	1.9	2.1	3.0	3.3	3.2	3.3	3.2	2.3	1.8	2.1	1.3	1.3	1.0	0.7	1.4	1.1	1.0	2.4	4.4	0.7
31	1.2	0.6	0.5	0.8	0.9	2.1	3.1	2.7	2.5	1.8	1.1	1.0	2.3	1.7	1.0	0.9	0.7	0.7	1.2	0.5	0.6	0.2	0.3	0.6	1.2	3.1	0.2
Avg	1.5	1.4	1.7	1.8	1.8	1.8	1.8	1.9	1.9	2.2	2.5	2.6	2.8	3.0	2.8	2.6	2.2	1.3	1.4	1.4	1.5	1.7	1.7	1.7	1.9	--	--
Max	5.1	5.4	6.4	6.1	5.6	5.3	4.1	4.7	4.8	5.8	6.9	6.6	5.1	5.5	5.7	7.5	4.6	3.6	3.2	3.7	5.3	6.7	7.0	6.2	--	7.5	--
Min	0.2	0.5	0.3	0.3	0.4	0.3	0.4	0.4	0.3	0.5	0.6	0.8	1.0	1.1	1.0	0.9	0.4	0.4	0.6	0.5	0.6	0.2	0.3	0.3	--	--	0.2

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WS_ms_20m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.5	1.1	1.4	1.4	1.2	1.5	1.4	1.7	1.4	1.5	1.3	2.6	2.8	2.9	2.9	3.2	3.0	2.8	1.0	1.8	0.7	1.6	1.3	1.5	1.8	3.2	0.7
2	1.3	1.4	1.0	1.1	1.7	1.5	1.3	1.1	1.4	2.4	1.4	4.6	3.3	2.5	1.6	2.5	2.0	2.1	1.8	1.6	1.7	1.2	0.4	0.4	1.7	4.6	0.4
3	0.6	1.1	0.6	1.3	0.8	1.0	1.2	1.0	0.8	3.6	3.7	3.5	--	4.4	4.2	4.1	4.7	4.1	2.5	1.3	1.9	2.5	1.6	1.6	2.3	4.7	0.6
4	1.5	1.6	1.5	1.3	1.5	1.4	1.5	1.4	1.0	1.0	2.2	2.7	2.8	2.7	2.9	3.7	3.6	2.6	0.9	1.9	1.6	1.5	1.6	1.5	1.9	3.7	0.9
5	1.5	1.4	1.8	1.3	1.8	1.8	2.0	1.9	0.7	1.4	1.8	2.2	2.8	3.3	4.0	3.5	2.3	2.0	0.8	1.0	1.8	2.0	1.6	1.3	1.9	4.0	0.7
6	2.0	1.4	1.7	1.4	1.2	1.3	1.7	1.4	1.0	1.4	2.0	3.1	2.6	2.6	2.1	3.1	3.1	2.8	1.7	0.8	2.0	1.7	1.4	1.6	1.9	3.1	0.8
7	1.9	3.0	3.8	3.8	4.4	3.9	3.5	2.4	4.5	4.7	4.1	3.8	2.7	3.4	2.9	3.0	2.9	3.1	1.6	1.4	2.1	3.0	4.5	4.3	3.3	4.7	1.4
8	4.2	3.2	4.5	4.8	4.3	3.6	4.8	5.6	5.5	4.7	5.2	5.2	3.7	4.0	2.6	2.2	1.7	2.2	4.6	3.5	3.3	3.5	2.9	3.2	3.9	5.6	1.7
9	3.7	3.6	4.6	4.3	3.8	4.4	5.5	5.2	5.3	4.9	4.4	3.8	2.1	1.4	1.1	1.5	1.3	2.0	1.1	2.3	1.0	2.1	1.9	1.8	3.1	5.5	1.0
10	1.7	2.3	1.6	1.5	2.2	1.6	2.9	2.3	2.5	2.3	1.7	2.4	3.3	3.2	3.1	3.2	2.6	1.6	1.2	2.1	1.8	1.6	1.3	1.7	2.2	3.3	1.2
11	1.8	1.9	1.6	1.5	1.8	2.1	2.3	1.7	0.6	1.9	1.7	3.7	4.1	4.3	4.2	4.4	3.7	2.8	1.2	2.0	1.6	1.7	1.7	1.6	2.3	4.4	0.6
12	1.7	1.7	1.8	1.8	2.0	1.9	1.7	1.5	0.6	0.4	1.1	2.0	1.5	2.1	2.7	3.9	2.9	2.7	0.9	2.0	1.5	2.0	1.7	1.8	1.8	3.9	0.4
13	1.6	1.5	1.7	1.6	1.4	1.5	1.8	1.5	1.3	1.4	0.9	1.6	2.5	3.0	2.7	2.2	2.6	2.7	1.1	2.4	1.7	1.8	1.7	1.6	1.8	3.0	0.9
14	1.5	1.7	1.7	1.2	1.1	1.3	1.5	1.7	1.5	2.3	1.4	2.2	2.1	2.6	2.5	1.8	2.3	2.5	1.4	2.4	1.6	1.5	1.9	1.6	1.8	2.6	1.1
15	1.9	1.7	1.6	1.6	1.7	1.7	2.1	1.7	1.0	1.2	1.2	3.1	3.3	3.7	3.5	3.3	2.7	1.6	1.3	2.0	1.7	1.5	1.7	1.7	2.0	3.7	1.0
16	1.3	2.2	1.6	1.9	1.6	1.7	1.5	1.7	0.7	0.6	1.2	2.6	3.0	3.8	3.9	3.4	2.5	1.3	0.3	2.2	1.8	1.2	1.8	1.7	1.9	3.9	0.3
17	1.5	1.4	1.5	1.5	1.7	1.4	1.7	1.3	0.4	1.5	2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	2.5	0.4
18	--	--	--	--	--	--	--	--	--	0.6	1.2	1.7	2.5	3.0	3.8	3.3	3.0	2.2	1.4	1.9	1.8	1.5	1.5	1.8	2.1	3.8	0.6
19	1.7	1.7	1.6	1.5	1.3	1.7	1.5	1.6	2.7	5.2	5.2	2.5	1.3	2.7	3.1	3.1	3.6	3.0	1.2	2.1	2.6	4.6	3.8	5.6	2.7	5.6	1.2
20	6.2	4.8	4.8	5.0	4.9	4.0	4.1	5.7	5.7	5.8	4.9	5.4	4.8	5.2	3.7	3.5	3.6	4.0	4.2	4.0	4.9	4.3	3.8	3.3	4.6	6.2	3.3
21	3.3	4.5	4.8	4.0	5.1	5.7	5.4	5.5	5.9	6.0	6.5	6.6	5.6	4.5	3.2	1.4	0.8	1.1	1.3	1.2	2.3	2.1	2.0	3.0	3.8	6.6	0.8
22	2.0	2.2	3.1	2.9	2.9	2.4	2.9	3.2	3.2	3.2	4.0	3.6	2.3	2.3	3.2	3.5	3.2	1.8	0.9	1.8	1.6	1.7	1.6	1.5	2.5	4.0	0.9
23	1.4	1.3	1.3	1.4	1.9	1.6	1.7	1.6	1.1	0.5	2.5	3.4	2.9	2.9	2.4	1.8	2.2	2.1	1.3	2.2	1.8	1.6	1.3	1.5	1.8	3.4	0.5
24	1.9	1.3	1.1	1.6	1.6	1.7	1.1	2.0	0.9	1.2	1.3	1.2	1.9	4.0	3.8	2.5	1.5	0.9	0.9	1.6	4.2	1.2	0.8	2.7	1.8	4.2	0.8
25	0.8	1.4	1.1	1.8	1.2	1.3	2.3	2.7	2.5	1.8	1.3	1.8	2.7	3.2	3.1	3.3	2.7	2.1	0.9	1.9	1.4	2.1	1.3	1.4	1.9	3.3	0.8
26	1.6	1.1	1.1	1.1	1.1	2.0	2.9	3.1	2.6	2.9	2.1	3.0	2.5	2.3	1.7	1.8	2.4	1.6	1.1	1.0	1.4	2.7	2.3	1.2	1.9	3.1	1.0
27	0.6	0.7	1.9	2.6	2.6	3.2	3.3	3.8	3.9	4.3	5.1	5.4	5.5	3.9	3.4	3.3	2.2	2.7	2.6	1.2	0.3	0.7	2.0	2.6	2.8	5.5	0.3
28	1.7	3.3	3.0	2.7	1.2	2.6	3.1	2.3	2.6	3.6	3.2	3.9	2.7	3.1	2.5	3.0	2.6	3.1	1.4	1.7	1.4	1.5	1.5	1.7	2.5	3.9	1.2
29	1.8	1.5	1.7	1.6	1.6	1.7	1.7	1.1	0.8	0.8	1.2	1.5	2.0	2.7	2.8	2.9	2.8	1.7	1.4	2.0	1.9	1.3	1.6	1.7	1.7	2.9	0.8
30	1.8	1.7	1.1	1.5	1.6	1.3	1.7	2.1	1.8	2.9	2.6	3.9	4.0	3.9	4.3	3.4	2.3	0.9	1.9	1.4	1.3	1.6	1.3	1.6	2.2	4.3	0.9
31	1.1	1.7	1.8	1.6	1.7	1.4	1.7	1.4	0.8	0.4	2.4	3.0	3.4	3.2	3.2	2.9	2.7	3.2	1.3	1.1	1.0	0.8	1.4	1.0	1.8	3.4	0.4
Avg	1.9	2.0	2.1	2.1	2.1	2.1	2.4	2.4	2.2	2.5	2.6	3.2	3.0	3.2	3.0	3.0	2.6	2.3	1.5	1.9	1.9	1.9	1.8	2.0	2.3	--	--
Max	6.2	4.8	4.8	5.0	5.1	5.7	5.5	5.7	5.9	6.0	6.5	6.6	5.6	5.2	4.3	4.4	4.7	4.1	4.6	4.0	4.9	4.6	4.5	5.6	--	6.6	--
Min	0.6	0.7	0.6	1.1	0.8	1.0	1.1	1.0	0.4	0.4	0.9	1.2	1.3	1.4	1.1	1.4	0.8	0.9	0.3	0.8	0.3	0.7	0.4	0.4	--	--	0.3

-- Indicates Invalid Data

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WS_ms_20m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.3	2.2	0.9	0.8	1.2	1.7	1.6	1.8	1.0	0.9	2.1	3.6	3.4	3.5	4.0	2.9	2.9	2.2	0.9	1.8	1.7	1.5	1.2	1.8	2.0	4.0	0.8
2	1.4	1.5	1.3	1.5	1.6	1.3	1.2	1.3	0.7	1.6	1.3	2.3	3.1	2.4	3.4	2.5	4.8	4.0	2.0	1.5	3.3	2.1	3.5	4.5	2.3	4.8	0.7
3	4.2	3.5	4.9	4.4	4.2	2.3	2.8	4.8	6.9	6.7	7.0	7.0	8.2	7.6	7.7	6.3	6.3	3.3	3.2	3.3	2.7	3.3	4.5	5.0	5.0	8.2	2.3
4	6.0	4.8	6.0	4.6	4.5	4.3	4.1	4.1	2.4	2.5	6.1	3.9	1.5	2.7	1.3	2.6	2.9	1.5	0.6	1.3	1.4	1.3	1.9	1.8	3.1	6.1	0.6
5	2.8	3.3	3.4	3.3	3.0	3.4	3.6	4.1	3.0	2.6	3.8	1.8	3.6	3.0	2.9	3.2	2.9	1.5	0.6	1.9	1.6	1.2	1.5	2.0	2.7	4.1	0.6
6	1.4	1.9	1.4	1.4	0.9	1.1	1.3	1.5	1.8	1.8	1.9	3.0	3.4	3.4	3.3	3.1	3.3	2.0	1.1	1.6	1.6	1.4	2.0	1.6	2.0	3.4	0.9
7	1.7	1.5	1.8	1.6	1.4	1.0	1.7	1.0	1.3	2.5	2.5	2.8	3.6	3.4	2.9	3.2	3.7	1.8	1.2	1.5	1.5	1.7	1.2	3.4	2.1	3.7	1.0
8	4.3	4.3	2.4	1.8	3.8	1.9	1.4	2.0	3.2	6.2	6.4	6.6	6.9	6.3	6.6	6.5	5.4	4.5	2.0	1.4	2.2	2.4	2.9	1.2	3.9	6.9	1.2
9	1.3	2.6	3.5	4.1	4.2	4.2	6.1	7.2	6.5	4.2	5.8	7.7	6.9	6.4	6.0	7.0	5.7	2.3	3.1	3.3	2.3	1.8	0.8	0.8	4.3	7.7	0.8
10	3.9	5.6	4.5	5.8	4.0	2.4	1.9	2.3	4.0	7.3	6.6	6.3	6.0	6.9	6.6	5.7	4.7	3.6	3.0	1.3	0.8	2.1	3.1	3.6	4.2	7.3	0.8
11	4.2	4.7	5.8	6.2	6.6	7.3	7.1	5.8	4.3	4.6	4.2	4.5	4.4	4.4	3.8	4.1	3.1	2.3	1.7	1.4	2.6	2.8	0.8	2.3	4.1	7.3	0.8
12	2.4	2.8	2.4	3.6	3.8	1.7	2.1	3.5	3.6	3.5	4.8	5.2	4.5	3.4	3.5	4.5	3.3	2.9	2.0	2.1	1.3	2.4	2.1	2.3	3.1	5.2	1.3
13	1.6	2.5	2.8	3.0	3.2	3.6	3.5	3.4	4.0	5.4	4.9	4.2	2.1	1.7	3.5	3.5	2.9	1.7	1.3	2.3	1.8	1.5	1.7	1.6	2.8	5.4	1.3
14	1.8	1.5	2.7	3.3	2.9	4.8	4.7	4.1	3.8	5.6	4.9	3.8	2.4	3.5	2.5	3.0	2.9	1.2	1.9	1.9	1.5	2.4	1.6	2.3	3.0	5.6	1.2
15	2.0	1.7	1.7	3.0	5.4	4.5	1.2	1.7	2.3	2.8	2.7	3.1	2.4	1.7	1.3	2.1	3.9	2.0	1.7	2.1	1.7	1.5	1.6	1.7	2.3	5.4	1.2
16	1.4	1.9	1.5	1.3	1.5	1.4	1.5	1.8	0.9	2.2	3.1	3.2	2.5	3.3	3.2	3.7	1.8	1.0	1.6	1.3	1.4	1.8	1.3	1.3	1.9	3.7	0.9
17	1.0	1.2	1.8	4.4	4.1	4.3	2.6	2.8	3.9	4.0	4.1	3.4	2.9	3.2	3.3	3.1	2.3	1.4	1.3	1.7	1.7	1.8	1.6	1.9	2.7	4.4	1.0
18	2.7	2.6	3.0	3.8	3.4	2.4	2.6	3.7	3.8	5.8	5.6	4.7	5.3	5.3	4.6	4.4	4.0	4.4	3.0	2.4	2.8	3.4	3.0	4.2	3.8	5.8	2.4
19	4.7	5.3	4.3	5.1	4.9	5.4	4.2	5.8	5.6	7.0	7.4	7.0	7.1	6.3	6.0	5.7	4.7	3.8	4.0	3.7	3.3	3.1	3.0	4.1	5.1	7.4	3.0
20	4.9	3.2	3.3	2.9	3.0	4.0	3.8	3.3	2.8	4.3	3.9	3.9	4.0	3.3	3.1	2.6	2.6	3.6	2.1	2.3	1.3	2.1	1.5	1.3	3.0	4.9	1.3
21	2.2	2.2	2.7	1.8	2.0	1.6	1.7	1.3	0.6	2.8	3.7	5.9	6.1	6.4	5.7	5.9	4.7	4.3	2.7	0.6	0.7	1.4	1.4	1.6	2.9	6.4	0.6
22	1.1	1.3	1.5	1.5	1.4	1.4	1.3	1.4	1.2	0.7	1.6	2.4	2.5	3.1	2.6	3.0	3.0	1.7	0.7	2.0	1.2	1.8	1.7	1.5	1.7	3.1	0.7
23	2.7	3.6	3.2	3.3	2.5	2.4	2.8	3.5	3.0	3.3	3.5	4.2	4.2	1.6	1.1	2.8	3.2	1.6	1.8	1.5	2.3	1.8	1.9	1.6	2.6	4.2	1.1
24	1.6	1.8	2.6	4.2	3.2	3.7	1.9	4.1	5.5	6.8	5.8	4.9	5.9	5.4	5.3	4.5	4.1	3.1	5.1	4.1	3.7	5.8	7.7	5.1	4.4	7.7	1.6
25	4.0	4.4	5.3	4.8	5.4	4.4	3.9	3.8	4.7	5.8	7.0	6.7	6.4	6.0	5.3	5.9	5.6	4.9	3.1	2.6	2.6	2.6	3.3	4.1	4.7	7.0	2.6
26	4.2	4.3	3.8	4.2	5.7	5.4	5.3	5.5	6.4	6.0	4.6	5.6	6.7	5.1	3.5	2.0	0.6	1.1	1.8	1.8	1.2	2.9	3.4	3.4	3.9	6.7	0.6
27	4.5	5.0	7.0	3.7	2.9	1.9	1.7	0.7	1.8	3.4	2.9	4.0	4.5	5.2	4.8	5.1	4.0	2.9	2.8	1.7	5.3	3.2	2.3	1.6	3.5	7.0	0.7
28	0.5	0.4	0.7	1.0	0.4	0.5	0.8	2.6	2.3	1.7	1.6	1.8	2.6	3.7	3.6	2.8	0.9	1.3	0.6	0.6	0.9	0.3	2.3	2.0	1.5	3.7	0.3
29	1.0	0.9	1.2	0.6	0.8	1.4	1.1	1.2	0.9	0.9	3.0	2.5	3.1	3.1	3.0	2.5	2.7	1.4	1.2	1.6	1.6	1.3	1.7	1.2	1.7	3.1	0.6
30	2.6	2.3	1.7	2.3	3.9	4.3	3.2	3.5	2.5	3.4	3.1	2.4	1.1	2.3	3.7	3.1	2.6	1.0	1.6	1.5	1.7	1.5	1.4	1.5	2.4	4.3	1.0
Avg	2.7	2.8	3.0	3.1	3.2	3.0	2.8	3.1	3.1	3.9	4.2	4.3	4.3	4.1	3.9	3.9	3.5	2.5	2.0	1.9	2.0	2.1	2.3	2.4	3.1	--	--
Max	6.0	5.6	7.0	6.2	6.6	7.3	7.1	7.2	6.9	7.3	7.4	7.7	8.2	7.6	7.7	7.0	6.3	4.9	5.1	4.1	5.3	5.8	7.7	5.1	--	8.2	--
Min	0.5	0.4	0.7	0.6	0.4	0.5	0.8	0.7	0.6	0.7	1.3	1.8	1.1	1.6	1.1	2.0	0.6	1.0	0.6	0.6	0.7	0.3	0.8	0.8	--	--	0.3

SAROAD for Resolution, Hewitt_Station
"Component, Channel: Table100, WS_ms_20m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.4	1.6	1.4	1.4	1.1	1.3	0.9	1.3	0.5	0.8	1.1	1.5	3.3	2.8	2.7	2.4	2.1	1.2	1.3	1.8	1.8	1.3	1.6	1.5	1.6	3.3	0.5
2	1.3	1.0	1.4	1.0	1.5	1.6	1.6	1.4	1.8	0.6	0.9	2.2	2.6	2.0	3.9	3.8	2.5	1.9	1.3	0.8	1.4	1.2	1.2	2.5	1.7	3.9	0.6
3	2.0	2.1	3.1	3.3	4.6	4.6	4.7	5.5	5.2	7.2	5.8	5.2	5.1	4.6	5.3	4.3	3.2	2.1	1.0	2.9	1.7	4.5	1.6	1.3	3.8	7.2	1.0
4	1.4	0.9	0.9	1.4	1.5	2.8	2.3	5.1	3.4	4.0	4.5	2.6	2.1	3.5	2.6	2.4	2.5	0.8	1.9	1.8	1.5	1.4	1.8	1.7	2.3	5.1	0.8
5	1.8	1.8	1.6	1.9	1.7	1.4	2.0	2.0	0.9	1.2	1.7	2.9	3.1	3.0	3.2	3.1	2.2	1.0	2.2	1.5	1.6	1.6	1.6	1.6	1.9	3.2	0.9
6	1.8	1.6	1.4	1.6	1.7	1.8	2.0	1.3	1.2	0.6	1.4	3.4	3.6	4.2	3.6	2.6	2.4	1.2	1.8	1.4	1.5	1.7	1.5	1.6	2.0	4.2	0.6
7	1.3	1.7	1.6	1.4	1.6	1.5	1.4	1.4	1.3	0.5	0.9	2.2	2.7	3.2	3.1	2.9	2.7	1.3	0.6	1.7	1.3	1.6	1.8	1.6	1.7	3.2	0.5
8	1.7	1.3	0.9	0.6	1.4	1.4	1.1	1.8	2.2	1.6	1.2	1.4	1.8	2.7	2.6	3.3	2.9	1.9	1.3	1.9	1.3	1.3	1.5	1.5	1.7	3.3	0.6
9	1.3	1.2	1.2	2.4	3.4	3.1	3.4	3.4	3.6	3.8	4.4	3.3	2.8	2.0	1.6	1.7	1.6	1.5	1.7	1.5	1.9	2.8	3.1	3.3	2.5	4.4	1.2
10	2.2	2.1	2.9	3.0	2.7	3.2	3.9	3.3	3.6	3.2	3.0	1.9	2.6	4.6	3.4	2.3	2.2	1.2	1.9	0.8	1.8	1.3	1.3	1.7	2.5	4.6	0.8
11	1.5	1.7	1.6	1.8	1.7	1.6	1.1	1.7	1.0	1.2	0.6	0.8	2.0	3.0	3.3	2.6	1.9	0.9	1.8	2.1	1.9	1.5	1.8	1.8	1.7	3.3	0.6
12	1.6	1.7	1.4	1.4	1.8	1.7	1.4	1.3	1.8	0.9	0.7	1.6	2.5	2.2	2.6	2.4	2.1	1.8	1.4	1.4	1.4	1.3	1.3	1.5	1.6	2.6	0.7
13	1.3	1.4	1.3	1.4	1.5	1.5	1.4	1.4	1.6	0.8	1.0	1.0	2.1	2.8	2.7	2.7	2.1	0.8	1.8	1.8	1.7	1.0	1.7	1.8	1.6	2.8	0.8
14	1.9	1.4	1.4	1.6	1.4	1.6	1.4	1.0	1.7	2.2	3.0	1.9	1.2	1.5	2.6	2.5	2.0	1.0	2.1	1.8	1.4	1.7	1.7	1.7	1.7	3.0	1.0
15	1.9	1.5	1.4	1.3	1.3	2.1	2.7	2.5	2.3	2.7	3.2	2.6	2.1	3.4	1.9	1.6	1.5	1.3	1.9	1.5	1.3	1.3	0.9	1.8	1.9	3.4	0.9
16	1.0	1.6	2.2	2.3	1.7	1.0	0.7	0.5	0.6	1.0	1.5	1.1	1.1	1.2	1.3	1.0	1.3	1.4	1.7	4.5	6.6	8.2	8.4	7.3	2.5	8.4	0.5
17	5.9	6.2	7.9	7.4	6.7	6.5	5.2	5.8	5.7	4.6	4.2	3.4	3.3	2.9	2.6	2.1	2.3	1.1	1.4	1.5	1.4	1.6	1.6	1.5	3.9	7.9	1.1
18	2.1	2.1	2.9	3.0	1.7	3.1	4.6	4.0	3.3	5.2	5.1	5.5	6.1	5.8	4.7	5.5	5.2	4.7	4.1	3.0	3.6	4.0	3.8	4.8	4.1	6.1	1.7
19	3.5	4.7	7.4	7.0	6.2	4.8	5.2	5.2	5.3	7.6	8.9	8.5	6.7	7.0	6.3	6.1	5.6	3.6	3.7	2.6	3.8	4.2	3.7	3.4	5.5	8.9	2.6
20	4.8	4.7	5.3	5.6	6.5	6.2	5.1	3.6	5.0	5.2	5.6	5.9	5.0	4.1	3.9	3.7	3.5	2.5	2.5	3.8	3.3	3.2	3.0	2.5	4.3	6.5	2.5
21	2.4	2.4	2.4	1.9	2.8	1.8	2.2	2.0	3.5	4.0	3.8	3.3	3.7	3.1	3.2	3.1	3.4	3.4	3.5	3.1	2.1	2.9	3.2	2.6	2.9	4.0	1.8
22	1.9	2.2	2.9	3.3	3.1	2.2	0.9	1.9	0.8	2.3	2.3	4.1	5.3	4.5	5.3	2.7	3.3	2.1	2.4	1.5	2.4	1.8	1.4	0.6	2.6	5.3	0.6
23	0.1	0.8	0.5	0.5	0.7	0.8	0.5	0.6	0.5	0.6	1.4	1.2	1.2	2.2	1.4	1.1	1.5	1.3	1.5	1.4	1.7	1.4	2.3	1.8	1.1	2.3	0.1
24	1.4	1.6	1.7	1.0	1.6	1.4	1.2	0.7	1.9	2.7	3.1	4.1	4.3	6.3	6.7	8.9	5.5	2.1	3.3	4.1	3.2	2.8	2.5	3.3	3.1	8.9	0.7
25	2.2	1.8	2.3	1.5	0.3	0.5	0.6	0.4	0.3	1.7	2.7	3.0	3.2	3.3	2.9	2.5	2.0	0.9	1.2	1.4	1.8	1.6	2.8	2.1	1.8	3.3	0.3
26	2.0	2.4	2.7	3.2	2.7	2.7	3.0	3.2	2.8	2.6	4.0	4.8	5.1	5.0	4.5	4.5	4.2	4.1	4.1	2.7	3.0	3.2	3.2	2.9	3.4	5.1	2.0
27	2.9	3.2	4.0	3.9	3.6	3.8	3.4	3.0	3.1	3.9	4.9	3.9	5.1	4.8	4.7	4.4	3.7	2.5	2.3	2.4	3.1	3.6	2.4	1.3	3.5	5.1	1.3
28	2.0	1.3	1.2	1.5	1.0	3.1	3.2	3.8	4.0	3.8	2.6	2.9	2.9	2.9	2.1	1.5	0.4	0.7	0.9	1.3	1.4	0.7	2.4	3.4	2.1	4.0	0.4
29	1.8	1.8	0.8	3.1	3.6	3.1	3.6	4.9	4.5	6.1	5.5	4.1	4.4	5.1	4.7	5.3	5.4	4.5	4.2	3.4	4.2	4.4	4.8	5.2	4.1	6.1	0.8
30	5.4	3.9	4.5	5.9	4.5	3.2	3.3	2.4	2.6	3.8	4.0	3.9	4.0	4.0	2.8	2.2	2.8	2.3	2.0	1.7	1.2	1.9	1.5	1.4	3.1	5.9	1.2
31	1.5	0.9	0.7	1.1	1.3	2.6	3.8	3.1	3.2	2.2	1.3	1.2	2.6	1.9	1.2	1.2	0.9	1.2	1.7	0.7	1.0	0.4	0.7	0.9	1.6	3.8	0.4
Avg	2.1	2.1	2.3	2.5	2.5	2.5	2.5	2.6	2.6	2.9	3.0	3.1	3.3	3.5	3.3	3.1	2.7	1.9	2.1	2.1	2.2	2.3	2.3	2.3	2.6	--	--
Max	5.9	6.2	7.9	7.4	6.7	6.5	5.2	5.8	5.7	7.6	8.9	8.5	6.7	7.0	6.7	8.9	5.6	4.7	4.2	4.5	6.6	8.2	8.4	7.3	--	8.9	--
Min	0.1	0.8	0.5	0.5	0.3	0.5	0.5	0.4	0.3	0.5	0.6	0.8	1.1	1.2	1.2	1.0	0.4	0.7	0.6	0.7	1.0	0.4	0.7	0.6	--	--	0.1

SAROAD for Resolution, Far_West
"Component, Channel: Table100, BP_mmHg"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	716	716	716	716	716	716	716	717	717	717	717	716	716	715	715	714	714	714	714	714	714	714	714	715	715	717	714
2	715	715	715	715	715	715	715	715	715	716	715	715	715	714	714	713	714	713	713	713	713	713	713	713	714	716	713
3	713	712	712	712	712	712	712	713	713	713	713	713	713	712	712	711	711	711	711	711	712	712	712	712	712	713	711
4	712	712	712	711	712	712	712	713	713	713	713	713	713	712	712	711	711	711	711	712	712	712	712	712	712	713	711
5	712	712	712	712	712	712	713	713	714	714	713	713	713	712	712	711	711	711	711	711	712	712	712	712	712	714	711
6	712	713	713	713	713	713	713	714	714	714	714	714	714	713	713	713	713	713	713	713	714	714	714	714	713	714	712
7	714	714	714	714	714	714	715	715	715	715	715	715	714	713	712	712	712	712	712	712	712	713	713	713	713	715	712
8	713	714	714	714	714	714	714	715	715	715	715	714	714	713	713	713	713	713	713	714	714	714	715	715	714	715	713
9	715	715	715	715	715	716	716	716	717	717	717	716	716	715	715	715	714	715	715	715	715	715	715	715	715	717	714
10	715	716	715	715	715	716	716	716	717	717	717	717	716	716	715	715	715	715	715	715	715	715	715	715	716	717	715
11	715	715	715	715	715	716	716	716	717	717	717	716	716	715	714	714	714	714	714	714	715	715	715	715	715	717	714
12	715	715	715	715	715	716	716	716	716	717	716	716	715	714	714	714	714	714	714	714	714	714	715	715	715	717	714
13	715	715	715	715	715	715	716	716	717	717	717	716	716	715	715	714	714	714	715	715	715	715	715	715	715	717	714
14	715	715	715	715	715	715	715	716	716	716	716	716	715	714	714	713	713	713	713	713	713	714	714	714	715	716	713
15	714	714	714	714	714	714	715	715	715	716	716	715	715	714	713	713	713	713	713	713	713	714	714	714	714	716	713
16	715	715	714	714	715	715	715	715	715	716	716	715	714	714	713	713	713	712	713	713	713	713	713	713	714	716	712
17	713	713	713	713	713	713	713	713	714	714	714	713	713	712	712	712	711	711	711	712	712	712	712	712	713	714	711
18	713	713	713	713	713	713	714	714	715	715	715	714	714	713	712	712	712	712	712	712	713	713	713	714	713	715	712
19	714	714	714	714	714	715	715	716	716	716	716	716	715	715	714	714	714	714	714	715	715	715	715	715	715	716	714
20	715	716	716	716	716	716	716	717	717	717	717	717	716	715	715	715	715	715	715	715	716	716	716	716	716	717	715
21	716	716	716	716	716	716	716	716	717	717	716	716	715	714	714	713	713	713	713	713	713	714	714	713	715	717	713
22	713	714	714	714	714	714	714	714	715	715	715	714	714	713	713	713	713	713	713	713	714	714	714	715	714	715	713
23	715	715	715	715	716	716	716	717	717	718	718	717	717	716	716	716	716	715	715	716	716	716	717	717	716	718	715
24	717	717	717	717	717	717	718	718	718	718	718	718	717	717	716	716	716	716	716	716	717	717	717	717	717	718	716
25	717	717	717	717	717	717	717	717	718	718	718	717	717	716	716	715	715	715	716	716	716	716	716	717	717	718	715
26	717	717	717	717	717	717	717	718	718	718	718	717	716	715	715	715	714	714	715	715	715	715	716	716	716	718	714
27	716	716	716	715	716	716	716	716	717	717	716	716	715	714	714	714	713	713	713	713	713	713	714	714	715	717	713
28	714	714	714	714	714	714	714	715	715	715	715	715	714	714	714	713	713	714	714	714	715	715	715	715	714	715	713
29	715	715	715	715	716	716	716	717	717	717	717	717	716	715	715	715	715	715	715	716	716	716	716	716	716	717	715
30	716	716	716	716	716	716	716	716	717	717	717	717	716	716	715	715	715	714	715	715	715	715	715	715	716	717	714
31	715	715	715	714	714	714	714	715	715	716	715	715	714	713	713	713	712	712	713	713	713	713	713	714	714	716	712
Avg	715	715	715	715	715	715	715	715	716	716	716	715	715	714	714	714	713	713	713	714	714	714	714	714	715	--	--
Max	717	717	717	717	717	717	718	718	718	718	718	718	717	717	716	716	716	716	716	716	717	717	717	717	--	718	--
Min	712	712	712	711	712	712	712	713	713	713	713	713	713	712	712	711	711	711	711	711	712	712	712	712	--	--	711

SAROAD for Resolution, Far_West
"Component, Channel: Table100, BP_mmHg"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	714	714	714	714	714	714	714	714	715	715	714	714	714	713	713	713	713	713	713	713	713	714	714	714	714	715	713
2	714	714	714	714	714	714	715	715	716	716	715	715	714	714	714	714	714	714	714	715	716	716	716	716	715	716	714
3	716	716	716	716	717	717	717	717	717	717	717	717	716	715	715	715	716	717	717	717	716	716	716	716	717	717	715
4	717	717	717	717	717	717	718	718	719	718	718	718	718	717	717	717	717	717	717	717	718	718	718	717	717	719	717
5	717	717	717	717	717	717	717	717	718	718	717	717	716	716	715	715	715	715	715	716	716	716	716	716	716	718	715
6	716	716	716	716	716	717	717	717	717	718	718	718	717	717	716	716	716	716	717	717	717	717	717	717	717	718	716
7	717	717	717	717	718	718	718	719	719	719	719	719	718	717	717	717	717	717	717	718	718	718	718	718	718	719	717
8	718	718	718	718	718	719	719	719	720	720	720	720	719	719	718	718	718	718	719	719	719	720	720	720	719	720	718
9	720	720	720	720	720	720	720	720	721	721	720	720	719	718	718	717	717	717	718	718	719	719	719	719	719	721	717
10	719	719	719	719	718	718	719	719	719	719	719	718	718	718	717	717	718	718	718	718	718	719	719	719	719	719	717
11	719	719	719	719	719	720	720	720	720	720	720	720	719	718	718	718	718	718	718	719	719	719	719	719	719	720	718
12	719	719	719	719	719	720	720	720	720	720	720	720	719	718	718	717	717	717	718	718	718	718	719	719	719	720	717
13	718	718	718	718	718	718	719	719	719	720	720	719	718	718	717	717	717	717	718	718	718	718	718	718	718	720	717
14	718	718	718	718	719	719	719	720	720	720	720	720	719	718	718	718	718	718	718	718	718	718	718	719	719	720	718
15	718	718	718	718	718	718	718	719	719	719	718	717	716	716	715	715	715	715	715	715	714	715	715	715	717	719	714
16	715	714	714	714	713	713	714	714	714	713	713	713	712	711	711	711	710	710	710	710	710	710	709	709	712	715	709
17	709	709	709	710	710	711	712	713	714	714	714	715	714	714	714	714	714	714	715	715	716	716	716	716	713	716	709
18	717	717	717	717	717	718	718	719	720	720	720	720	719	719	718	718	718	718	718	718	718	719	719	719	718	720	717
19	719	719	719	719	719	719	719	720	720	720	720	719	718	718	718	717	717	717	717	717	718	718	717	717	718	720	717
20	717	717	717	717	716	716	717	717	717	717	717	717	716	716	716	716	716	716	716	715	715	716	715	716	716	717	715
21	715	714	714	714	713	713	713	713	713	714	714	713	713	713	713	713	714	714	715	715	715	716	716	716	714	716	713
22	716	716	716	716	716	717	717	717	718	718	719	718	718	717	717	717	718	718	718	718	718	718	718	718	717	719	716
23	718	718	718	718	717	718	718	718	718	719	719	718	717	717	717	717	717	717	717	717	717	718	718	718	717	719	717
24	718	718	718	718	718	719	719	720	720	720	720	719	718	718	717	717	717	717	717	718	718	718	718	718	718	720	717
25	718	718	718	718	718	718	719	719	719	719	720	719	718	718	718	718	717	718	718	718	718	718	718	718	718	720	717
26	718	718	718	717	717	717	717	717	717	717	716	715	715	714	714	713	713	713	714	714	714	714	714	714	715	718	713
27	714	714	715	715	715	716	716	716	716	716	716	715	714	714	713	713	712	712	712	712	713	714	714	714	714	716	712
28	714	714	714	713	714	714	714	714	714	715	715	714	713	712	711	710	710	710	711	711	711	711	711	712	713	715	710
29	712	712	712	712	712	712	713	713	714	715	715	715	715	715	715	715	715	715	716	716	717	717	717	717	714	717	712
30	717	717	717	717	717	717	717	718	718	718	718	717	717	716	716	716	715	715	715	715	715	715	715	715	716	718	715
Avg	717	717	717	717	717	717	717	717	718	718	718	717	717	716	716	716	716	716	716	716	716	717	717	717	717	--	--
Max	720	720	720	720	720	720	720	720	721	721	720	720	719	719	718	718	718	718	719	719	719	720	720	720	--	721	--
Min	709	709	709	710	710	711	712	713	713	713	713	713	712	711	711	710	710	710	710	710	710	710	709	709	--	--	709

SAROAD for Resolution, Far_West
"Component, Channel: Table100, BP_mmHg"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	715	715	715	715	715	715	715	715	716	716	715	715	714	714	713	713	713	713	713	713	713	714	713	713	714	716	713
2	713	713	713	712	712	712	713	713	713	714	714	714	713	713	713	713	713	713	713	713	713	713	713	713	713	714	712
3	713	713	713	713	713	713	713	714	714	715	715	714	714	714	713	713	713	714	714	715	715	715	716	716	714	716	713
4	716	716	716	716	716	716	717	717	717	717	717	717	716	716	715	715	715	715	715	715	715	715	715	715	716	717	715
5	715	714	714	714	714	714	714	714	714	715	715	715	714	713	713	713	713	713	713	713	714	714	714	714	714	715	713
6	714	714	714	714	714	714	714	714	714	715	715	714	714	713	713	713	713	713	713	713	713	714	714	714	714	715	713
7	714	714	714	714	714	714	715	716	716	717	717	717	716	716	716	716	716	717	717	717	717	718	718	718	716	718	714
8	718	718	719	719	719	719	720	720	721	721	722	721	721	720	720	720	720	720	720	720	721	721	721	721	720	722	718
9	721	721	721	721	721	721	721	722	722	722	722	722	721	720	719	719	719	719	719	719	719	719	719	719	720	722	719
10	719	719	719	719	719	719	719	719	719	720	719	719	718	717	717	717	717	717	717	717	717	717	717	717	718	720	717
11	717	717	717	717	716	716	716	717	718	718	718	718	717	716	716	716	716	716	716	716	716	716	717	716	717	718	716
12	716	716	716	716	716	716	716	716	717	717	718	717	716	716	716	715	716	716	716	716	716	717	717	717	716	718	715
13	717	717	716	716	716	717	717	718	718	718	719	718	718	717	717	717	717	717	717	717	717	717	718	718	717	719	716
14	718	718	718	718	718	718	718	719	719	719	719	719	718	718	717	717	717	717	717	717	717	718	718	718	718	719	717
15	717	717	717	717	717	717	717	717	717	717	717	717	716	715	715	715	714	714	714	714	714	714	715	715	716	717	714
16	715	715	714	714	714	713	713	713	713	714	714	713	712	711	710	710	710	709	709	709	709	709	709	708	712	715	708
17	708	707	708	709	710	711	713	714	715	716	717	717	717	716	717	717	717	718	718	718	719	719	719	719	715	719	707
18	719	719	719	719	719	719	719	719	720	720	720	720	719	718	718	718	718	718	719	719	720	720	720	720	719	720	718
19	720	720	720	720	720	720	721	721	722	722	723	722	721	721	721	721	721	721	721	721	721	721	722	722	721	723	720
20	722	722	722	722	722	722	722	723	723	723	723	722	721	720	720	719	719	719	719	719	719	719	719	720	721	723	719
21	719	719	720	720	719	719	719	719	719	719	719	719	719	718	718	717	717	717	717	717	717	718	718	718	718	720	717
22	716	715	715	715	715	715	715	715	715	715	714	714	714	714	714	715	715	716	716	717	717	717	718	718	715	718	714
23	718	718	718	717	717	717	718	718	718	719	719	718	718	717	717	717	717	717	716	716	716	716	715	714	717	719	714
24	714	713	713	712	711	711	711	711	711	711	711	710	708	707	707	709	710	711	711	712	712	712	712	712	711	714	707
25	713	713	714	714	714	715	715	716	717	718	718	718	718	718	717	718	718	718	718	718	719	719	719	720	717	720	713
26	720	720	720	720	720	720	720	721	721	722	722	721	721	720	720	720	720	720	720	720	721	721	721	721	720	722	720
27	721	721	721	721	720	720	721	721	721	721	721	721	720	720	719	719	718	718	719	719	719	720	720	720	720	721	718
28	720	720	720	720	720	719	720	720	720	721	721	721	721	720	720	720	719	719	720	720	720	721	721	721	720	721	719
29	721	720	720	720	719	720	720	720	720	721	721	721	720	720	719	719	719	719	720	720	720	720	721	720	720	721	719
30	720	720	720	719	719	719	718	718	718	718	718	717	716	715	714	714	714	713	713	713	713	713	713	714	716	720	713
31	714	713	713	713	713	713	713	714	714	714	715	714	714	713	713	713	713	713	713	713	713	713	713	713	713	715	713
Avg	717	717	717	717	716	717	717	717	717	718	718	718	717	716	716	716	716	716	716	716	717	717	717	717	717	--	--
Max	722	722	722	722	722	722	722	723	723	723	723	722	721	721	721	721	721	721	721	721	721	721	722	722	--	723	--
Min	708	707	708	709	710	711	711	711	711	711	711	710	708	707	707	709	710	709	709	709	709	709	709	708	--	--	707

SAROAD for Resolution, Far_West
"Component, Channel: Table100, DeltaTemp_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.45	1.00	1.53	1.23	1.46	1.84	1.64	-0.10	-0.53	-0.97	-1.08	-1.17	-1.29	-1.31	-1.24	-1.16	-0.90	-0.61	0.49	1.95	0.81	0.65	0.73	0.95	0.22	1.95	-1.31
2	0.98	0.74	1.12	1.20	1.01	0.86	0.96	0.46	-0.62	-0.80	-1.26	-1.19	-0.58	-0.32	-0.56	-0.51	-0.26	-0.08	-0.02	0.15	0.29	0.66	0.46	0.43	0.13	1.20	-1.26
3	0.95	1.29	0.78	1.08	1.31	1.34	1.09	-0.07	-0.55	-0.82	-0.99	-1.22	-1.33	-1.28	-1.26	-1.20	-0.95	-0.39	0.55	1.71	1.82	1.84	3.40	1.14	0.34	3.40	-1.33
4	1.81	1.83	1.88	1.74	1.07	1.06	0.79	-0.14	-0.51	-0.86	-1.08	-1.20	-1.24	-1.18	-1.12	-1.17	-0.98	-0.50	0.60	1.67	1.53	1.38	0.60	0.64	0.28	1.88	-1.24
5	0.75	1.00	0.75	1.45	1.41	1.30	1.15	0.02	-0.53	-1.02	-1.32	-1.24	-1.24	-1.23	-1.19	-0.99	-0.82	-0.39	0.08	0.43	1.26	1.79	1.55	0.82	0.16	1.79	-1.32
6	0.64	1.00	1.50	1.88	0.72	0.80	0.61	-0.19	-0.61	-0.93	-1.08	-1.15	-1.22	-1.30	-1.08	-1.20	-0.86	-0.49	0.24	1.13	1.52	1.82	1.00	0.90	0.15	1.88	-1.30
7	1.01	1.09	1.08	2.15	1.72	2.53	2.31	1.63	-0.48	-0.92	-1.21	-1.11	-1.17	-1.16	-1.27	-1.24	-1.02	-0.37	0.69	1.25	1.54	0.93	0.76	0.74	0.40	2.53	-1.27
8	0.54	0.49	1.12	0.72	0.30	0.24	0.21	-0.02	-0.56	-0.98	-1.23	-1.42	-1.52	-1.46	-1.38	-1.31	-1.06	-0.52	-0.48	-0.18	-0.05	0.08	0.08	0.18	-0.34	1.12	-1.52
9	0.46	0.34	0.32	0.32	0.36	0.45	0.37	-0.12	-0.62	-1.06	-1.27	-1.41	-1.50	-1.29	-1.14	-1.25	-0.94	-0.38	0.68	1.37	1.63	0.49	0.56	0.58	-0.13	1.63	-1.50
10	0.65	0.87	1.31	0.90	2.16	2.85	2.31	0.74	-0.51	-0.93	-1.21	-1.19	-1.13	-1.17	-1.09	-1.10	-0.86	-0.31	0.76	1.73	0.76	0.93	1.06	1.00	0.36	2.85	-1.21
11	0.93	1.02	0.91	1.41	2.61	1.83	1.61	0.30	-0.47	-0.91	-1.10	-1.24	-1.21	-1.16	-1.07	-0.99	-0.71	-0.24	0.81	2.50	3.42	1.56	1.51	1.64	0.54	3.42	-1.24
12	2.29	2.19	1.50	1.96	1.29	0.85	0.89	0.05	-0.53	-0.92	-1.05	-1.26	-1.35	-1.18	-0.83	-0.90	-0.86	-0.32	0.88	2.46	3.02	1.03	0.81	1.00	0.46	3.02	-1.35
13	1.45	0.78	0.95	0.96	1.29	1.27	0.72	-0.04	-0.45	-0.86	-1.08	-1.04	-1.13	-1.21	-1.03	-1.08	-0.86	-0.29	1.02	2.28	1.42	0.82	1.03	1.00	0.25	2.28	-1.21
14	0.88	0.87	0.90	1.34	0.93	1.49	1.63	0.26	-0.95	-0.90	-1.01	-1.18	-1.04	-0.98	-1.02	-1.14	-0.83	-0.26	2.42	3.04	1.13	1.39	1.37	1.05	0.39	3.04	-1.18
15	1.27	1.33	1.65	1.25	1.17	1.50	1.10	0.18	-0.41	-0.89	-1.13	-1.19	-1.19	-1.12	-1.06	-1.05	-0.80	-0.25	1.37	2.28	1.52	1.20	1.03	0.77	0.36	2.28	-1.19
16	2.15	1.44	1.79	1.54	1.24	1.43	1.02	0.19	-0.56	-0.81	-1.00	-1.24	-1.24	-1.15	-0.93	-1.09	-0.80	-0.25	1.09	1.94	2.36	1.48	0.80	0.74	0.42	2.36	-1.24
17	0.92	2.35	2.07	1.02	1.02	0.79	0.78	0.12	-0.53	-0.98	-1.14	-1.11	-1.17	-1.20	-1.11	-1.04	-0.79	-0.28	0.57	1.16	1.64	2.31	2.55	0.98	0.37	2.55	-1.20
18	1.19	0.89	1.25	1.31	0.79	0.73	1.16	0.11	-0.59	-1.03	-1.00	-1.10	-1.18	-1.13	-1.17	-1.19	-0.92	-0.40	0.25	1.17	1.91	2.52	2.48	1.26	0.30	2.52	-1.19
19	0.69	0.99	1.64	2.07	1.09	1.40	0.94	0.10	-0.59	-0.96	-0.98	-1.05	-1.16	-1.22	-1.08	-1.07	-0.76	-0.24	0.85	1.89	2.71	2.20	1.86	0.69	0.42	2.71	-1.22
20	0.75	1.43	0.93	1.19	1.03	1.07	0.91	0.30	-0.38	-0.76	-0.91	-1.26	-1.32	-1.32	-1.09	-0.99	-0.57	-0.01	0.33	0.50	0.67	0.70	0.76	0.55	0.10	1.43	-1.32
21	0.37	0.34	0.39	0.42	0.52	0.66	0.72	0.24	-0.44	-0.77	-1.15	-1.29	-1.34	-1.38	-1.23	-1.18	-0.88	-0.15	2.22	2.51	1.57	1.31	0.77	0.86	0.13	2.51	-1.38
22	1.76	1.63	2.88	3.43	2.30	1.38	0.92	0.37	-0.44	-0.91	-1.21	-1.38	-1.28	-1.19	-0.96	-1.00	-0.70	-0.15	0.59	1.60	2.03	1.59	0.97	0.95	0.55	3.43	-1.38
23	2.38	2.09	1.22	0.89	0.69	0.72	0.84	0.25	-0.49	-0.73	-0.89	-1.02	-1.07	-1.10	-0.96	-1.09	-0.79	-0.18	1.26	1.94	1.06	1.04	1.19	1.68	0.37	2.38	-1.10
24	0.77	1.44	1.34	0.59	0.34	0.46	0.41	0.06	-0.40	-0.67	-0.84	-0.84	-0.84	-0.88	-0.87	-0.57	-0.35	0.14	0.89	1.13	0.03	0.12	0.50	0.47	0.10	1.44	-0.88
25	0.59	0.51	1.01	0.82	0.80	1.13	0.94	0.23	-0.45	-0.70	-0.92	-1.05	-1.22	-1.16	-1.02	-1.03	-0.69	-0.22	1.00	1.19	1.24	0.85	1.14	1.54	0.19	1.54	-1.22
26	1.69	2.27	1.15	1.08	2.61	1.76	1.98	0.38	-0.54	-0.86	-1.01	-1.25	-1.01	-1.27	-1.04	-1.09	-0.83	-0.16	0.40	0.53	1.84	2.30	2.46	1.42	0.53	2.61	-1.27
27	1.71	2.23	2.74	3.94	3.74	2.66	2.14	1.21	-0.37	-0.50	-0.99	-1.11	-1.13	-1.13	-0.97	-0.79	-0.48	0.36	0.81	0.49	0.94	1.49	0.94	0.56	0.77	3.94	-1.13
28	0.43	0.52	0.71	1.22	1.34	1.96	1.67	1.40	0.15	-0.70	-0.91	-1.24	-1.15	-0.72	-0.52	-0.60	-0.48	0.28	0.99	0.85	1.25	1.81	1.54	0.68	0.44	1.96	-1.24
29	0.63	1.09	1.00	1.76	1.45	1.06	1.81	0.92	-0.58	-0.89	-0.89	-1.19	-1.22	-1.09	-0.86	-0.99	-0.72	-0.07	1.69	1.70	1.18	1.25	1.68	1.64	0.43	1.81	-1.22
30	1.14	1.33	1.00	0.75	1.01	1.86	0.85	0.56	-0.38	-0.46	-0.99	-1.14	-0.96	-0.96	-0.90	-0.84	-0.59	0.37	1.95	2.04	2.75	0.81	1.16	1.26	0.49	2.75	-1.14
31	1.45	1.71	1.88	2.58	1.48	2.31	1.66	1.11	0.11	-0.73	-0.95	-1.09	-1.06	-1.12	-0.74	-0.75	-0.46	-0.20	0.31	1.38	1.84	1.57	0.81	0.69	0.58	2.58	-1.12
Avg	1.12	1.23	1.30	1.43	1.30	1.34	1.16	0.34	-0.48	-0.84	-1.06	-1.18	-1.18	-1.14	-1.03	-1.02	-0.76	-0.21	0.82	1.48	1.50	1.29	1.21	0.93	0.32	--	--
Max	2.38	2.35	2.88	3.94	3.74	2.85	2.31	1.63	0.15	-0.46	-0.84	-0.84	-0.58	-0.32	-0.52	-0.51	-0.26	0.37	2.42	3.04	3.42	2.52	3.40	1.68	--	3.94	--
Min	0.37	0.34	0.32	0.32	0.30	0.24	0.21	-0.19	-0.95	-1.06	-1.32	-1.42	-1.52	-1.46	-1.38	-1.31	-1.06	-0.61	-0.48	-0.18	-0.05	0.08	0.08	0.18	--	--	-1.52

SAROAD for Resolution, Far_West
"Component, Channel: Table100, DeltaTemp_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.95	0.52	0.64	0.96	1.01	1.26	0.79	0.06	-0.27	-0.71	-1.02	-1.11	-1.17	-1.18	-0.94	-1.03	-0.73	-0.16	0.89	1.24	1.54	1.53	1.71	1.06	0.24	1.71	-1.18
2	0.93	1.04	1.92	1.98	1.02	1.78	2.11	1.38	-0.28	-0.76	-0.93	-1.16	-1.28	-1.25	-1.06	-0.98	-0.63	-0.12	0.30	1.20	1.03	0.46	1.02	0.71	0.35	2.11	-1.28
3	0.32	0.37	0.46	0.53	0.35	0.68	0.40	0.20	-0.36	-0.25	-0.37	-0.88	-1.03	-0.99	-0.50	-0.32	-0.26	-0.07	0.17	0.23	0.19	0.23	0.35	0.57	0.00	0.68	-1.03
4	-0.05	0.10	0.44	1.16	0.51	0.29	0.45	0.19	0.09	0.23	-0.37	-0.80	-0.86	-0.88	-0.72	-0.70	-0.54	0.02	1.10	1.17	1.30	0.70	0.80	1.14	0.20	1.30	-0.88
5	0.63	1.11	1.19	1.67	1.71	1.60	1.15	0.37	-0.93	-0.93	-0.90	-1.11	-1.12	-1.01	-0.76	-0.83	-0.59	0.00	1.14	1.50	1.06	0.73	0.63	0.48	0.28	1.71	-1.12
6	0.86	0.96	0.96	0.97	1.02	1.29	1.79	0.39	-0.44	-0.80	-1.00	-1.20	-1.01	-1.16	-0.91	-0.81	-0.62	0.05	1.42	1.70	0.86	0.76	0.57	0.71	0.27	1.79	-1.20
7	0.83	0.68	0.66	1.17	1.70	1.89	1.22	0.46	-0.47	-0.93	-1.00	-1.20	-1.20	-1.14	-0.90	-0.81	-0.49	0.07	1.29	1.71	1.25	2.01	1.55	2.40	0.45	2.40	-1.20
8	2.39	1.00	1.32	1.96	2.74	1.37	1.02	0.68	-0.03	-0.54	-0.77	-0.95	-1.00	-1.09	-0.90	-0.67	-0.32	0.22	0.73	1.37	1.01	1.81	2.08	2.02	0.64	2.74	-1.09
9	1.51	1.60	2.07	2.16	1.71	1.23	0.43	0.20	-0.33	-0.60	-0.83	-0.99	-1.06	-1.07	-0.91	-0.69	-0.35	0.25	0.77	1.71	1.12	1.39	1.33	1.27	0.50	2.16	-1.07
10	0.94	1.00	0.81	0.56	0.40	0.33	0.30	0.02	-0.32	-0.58	-0.86	-0.97	-1.03	-1.10	-0.96	-0.78	-0.40	0.13	0.72	0.48	0.51	0.73	0.57	0.55	0.04	1.00	-1.10
11	0.40	0.38	0.52	0.47	0.53	0.93	0.84	0.30	-0.36	-0.64	-0.94	-1.09	-1.18	-1.21	-0.95	-0.88	-0.55	0.37	0.91	0.66	0.77	0.70	0.77	0.87	0.07	0.93	-1.21
12	1.15	1.53	0.97	0.75	0.41	0.47	0.65	0.40	-0.22	-0.67	-0.92	-1.06	-1.17	-1.24	-0.93	-0.88	-0.53	0.28	0.83	1.19	0.93	1.31	1.57	0.83	0.24	1.57	-1.24
13	0.79	0.79	0.92	1.06	0.74	0.50	0.56	0.27	-0.35	-0.76	-0.67	-1.08	-1.03	-1.00	-0.76	-0.79	-0.53	0.33	1.67	2.13	1.42	1.37	1.22	0.94	0.32	2.13	-1.08
14	0.67	0.73	1.07	1.85	1.86	2.37	3.03	2.84	0.29	-0.98	-0.92	-1.12	-1.06	-0.92	-0.86	-0.72	-0.50	0.50	1.86	2.53	1.92	1.73	1.36	1.33	0.79	3.03	-1.12
15	1.19	1.44	1.03	0.89	2.20	1.52	1.91	1.66	-0.19	-0.59	-0.86	-1.04	-1.08	-1.22	-0.87	-0.61	-0.34	0.39	1.40	1.63	1.22	2.68	1.79	1.32	0.65	2.68	-1.22
16	2.35	1.63	0.98	1.42	1.21	2.38	1.82	2.08	0.19	-0.47	-0.94	-1.06	-0.80	-0.51	-0.55	-0.46	-0.22	0.35	0.90	1.58	1.29	1.58	1.31	0.77	0.70	2.38	-1.06
17	0.69	1.33	1.72	1.88	1.31	0.89	1.30	0.86	-0.36	-0.82	-1.13	-1.24	-1.19	-1.21	-0.90	-0.77	-0.54	0.48	2.34	2.58	2.54	1.71	0.87	0.93	0.55	2.58	-1.24
18	1.11	2.61	2.62	1.74	1.87	2.62	1.40	0.92	-0.30	-0.74	-1.22	-1.15	-0.96	-0.96	-0.78	-0.64	-0.46	0.35	1.12	1.83	2.12	3.37	3.26	2.89	0.94	3.37	-1.22
19	3.14	2.45	4.04	2.46	1.31	1.25	0.94	0.69	-0.09	-0.56	-0.78	-0.97	-1.11	-1.11	-0.92	-0.67	-0.25	0.26	0.29	0.34	0.43	0.44	0.48	0.46	0.52	4.04	-1.11
20	0.76	0.49	0.62	0.84	1.22	1.44	1.74	1.11	0.42	-0.02	-0.36	-0.33	-0.51	-0.42	-0.39	-0.28	-0.15	-0.09	-0.08	-0.08	0.01	-0.07	-0.01	-0.02	0.24	1.74	-0.51
21	0.12	0.14	0.57	0.97	0.42	0.29	0.42	0.59	0.32	-0.11	-0.20	-0.62	-0.58	-0.69	-0.86	-0.59	-0.49	-0.09	0.39	1.12	1.79	2.07	1.70	1.85	0.36	2.07	-0.86
22	1.69	1.21	0.63	0.62	0.78	0.73	0.75	0.36	-0.34	-0.63	-1.11	-1.26	-1.14	-1.11	-0.86	-0.81	-0.59	0.16	1.32	2.06	1.15	1.09	1.06	0.91	0.28	2.06	-1.26
23	1.28	1.76	2.06	1.84	2.22	2.31	2.26	3.11	-0.18	-0.84	-1.10	-1.27	-1.16	-0.98	-0.87	-0.75	-0.45	0.47	1.46	2.83	1.94	3.64	2.21	1.38	0.97	3.64	-1.27
24	1.20	1.36	3.86	1.78	1.87	1.29	2.34	0.90	0.86	-0.45	-0.75	-0.91	-0.96	-1.00	-0.91	-0.68	-0.29	0.47	0.88	1.33	0.71	0.46	0.37	0.36	0.59	3.86	-1.00
25	0.41	0.45	0.58	0.43	0.43	0.53	0.50	0.46	0.13	-0.41	-0.75	-0.92	-1.03	-1.10	-0.96	-0.73	-0.35	0.16	0.45	0.85	0.98	0.81	0.70	0.71	0.10	0.98	-1.10
26	0.74	0.92	0.77	0.60	0.53	0.48	0.39	0.52	0.30	-0.02	-0.34	-0.52	-0.41	-0.29	-0.19	-0.04	0.12	0.68	0.90	1.35	1.03	0.53	0.62	0.61	0.39	1.35	-0.52
27	0.46	0.10	-0.01	0.17	0.32	0.50	0.34	0.95	-0.10	-0.57	-0.88	-0.97	-0.85	-0.93	-0.81	-0.78	-0.29	-0.11	-0.09	0.01	-0.14	-0.17	0.00	-0.04	-0.16	0.95	-0.97
28	-0.08	-0.11	-0.06	-0.09	-0.09	0.08	0.19	0.08	-0.22	-0.62	-0.78	-1.04	-1.09	-0.81	-0.81	-0.47	-0.24	-0.07	0.02	0.10	0.19	0.34	0.79	1.08	-0.15	1.08	-1.09
29	1.32	1.95	1.90	1.84	1.73	2.11	2.21	2.37	0.60	-0.71	-1.09	-1.06	-1.12	-1.08	-0.89	-0.75	-0.48	0.32	1.97	1.93	2.45	1.24	0.86	1.03	0.78	2.45	-1.12
30	1.05	0.89	1.39	2.15	2.51	2.04	1.29	1.41	-0.03	-0.56	-0.83	-1.08	-1.06	-1.13	-0.95	-0.75	-0.43	0.44	2.10	2.09	2.51	1.22	1.61	2.42	0.76	2.51	-1.13
Avg	0.99	1.01	1.22	1.23	1.18	1.21	1.15	0.86	-0.10	-0.57	-0.82	-1.01	-1.01	-0.99	-0.82	-0.69	-0.42	0.20	0.97	1.35	1.17	1.21	1.11	1.05	0.40	--	--
Max	3.14	2.61	4.04	2.46	2.74	2.62	3.03	3.11	0.86	0.23	-0.20	-0.33	-0.41	-0.29	-0.19	-0.04	0.12	0.68	2.34	2.83	2.54	3.64	3.26	2.89	--	4.04	--
Min	-0.08	-0.11	-0.06	-0.09	-0.09	0.08	0.19	0.02	-0.93	-0.98	-1.22	-1.27	-1.28	-1.25	-1.06	-1.03	-0.73	-0.16	-0.09	-0.08	-0.14	-0.17	-0.01	-0.04	--	--	-1.28

SAROAD for Resolution, Far_West
"Component, Channel: Table100, DeltaTemp_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.14	2.20	1.43	0.80	1.20	0.80	0.72	0.74	-0.14	-0.33	-0.74	-1.05	-0.95	-1.10	-1.05	-0.64	-0.50	0.69	2.28	1.95	1.13	0.63	0.71	0.61	0.44	2.28	-1.10
2	0.45	0.40	0.57	1.04	0.85	1.08	1.19	1.23	0.19	-0.37	-0.72	-0.89	-0.98	-0.93	-0.67	-0.51	-0.34	-0.10	0.09	0.35	1.44	1.67	2.11	3.01	0.42	3.01	-0.98
3	1.43	1.63	1.52	1.87	2.25	2.46	1.05	0.74	-0.11	-0.67	-0.88	-0.97	-1.06	-1.03	-0.93	-0.77	-0.28	0.09	0.69	1.55	0.84	0.52	0.48	0.60	0.46	2.46	-1.06
4	0.51	1.13	0.94	0.93	0.77	0.49	1.40	1.45	0.02	-0.60	-0.89	-0.86	-1.01	-1.07	-0.97	-0.79	-0.49	0.61	2.02	2.91	1.41	1.20	0.84	0.87	0.45	2.91	-1.07
5	0.82	1.29	1.12	1.94	1.48	1.41	1.47	1.09	-0.06	-0.53	-0.76	-1.01	-1.09	-0.97	-0.77	-0.67	-0.49	0.57	1.64	2.00	0.83	0.97	2.06	0.80	0.55	2.06	-1.09
6	0.81	0.75	1.82	1.17	1.13	0.80	1.65	0.86	1.15	0.09	-0.69	-0.86	-1.01	-0.98	-0.89	-0.75	-0.52	0.18	1.46	1.54	1.85	0.84	0.99	0.54	0.50	1.85	-1.01
7	1.00	1.49	1.83	1.13	0.92	0.69	1.05	0.80	0.17	-0.62	-0.68	-1.06	-0.90	-0.82	-0.71	-0.60	-0.47	0.27	1.19	1.54	1.81	1.44	1.18	1.39	0.50	1.83	-1.06
8	1.13	1.04	1.04	0.78	0.78	1.73	2.30	1.79	0.41	-0.74	-1.24	-1.15	-1.10	-1.03	-1.00	-0.77	-0.50	0.18	1.04	1.85	2.86	1.88	1.22	0.83	0.56	2.86	-1.24
9	1.45	2.25	1.42	3.59	2.67	2.50	3.14	2.69	0.33	-0.59	-0.79	-0.98	-1.07	-1.04	-0.76	-0.76	-0.40	0.06	1.25	2.45	2.54	1.79	1.81	1.95	1.06	3.59	-1.07
10	3.34	4.27	4.01	3.73	2.93	2.61	3.03	2.56	0.51	-0.52	-0.82	-1.10	-1.08	-1.06	-0.92	-0.63	-0.35	0.49	1.61	1.85	1.14	1.32	0.61	0.54	1.17	4.27	-1.10
11	0.78	0.93	0.94	1.12	0.75	0.74	0.94	0.82	0.10	-0.45	-0.77	-1.08	-1.05	-0.92	-0.96	-0.75	-0.59	0.36	1.76	1.49	0.98	0.84	1.08	0.99	0.34	1.76	-1.08
12	0.82	0.97	0.63	1.88	1.87	2.42	1.25	1.66	0.20	-0.55	-0.89	-0.97	-1.02	-0.95	-0.94	-0.81	-0.54	0.37	1.56	1.75	1.18	0.62	0.66	0.62	0.49	2.42	-1.02
13	0.74	0.72	0.59	0.60	0.53	0.73	1.14	1.15	-0.06	-0.42	-0.68	-0.97	-1.01	-0.92	-0.82	-0.68	-0.22	1.12	2.01	1.28	0.76	0.83	0.99	0.85	0.34	2.01	-1.01
14	0.84	0.72	0.83	1.19	1.21	1.03	1.00	1.83	0.65	-0.26	-0.53	-0.82	-0.99	-1.05	-0.91	-0.81	-0.54	0.42	1.84	1.92	1.23	1.31	1.41	0.89	0.52	1.92	-1.05
15	1.10	0.98	1.71	1.88	2.88	2.39	2.95	4.44	0.85	-0.69	-0.79	-0.90	-1.08	-0.80	-0.62	-0.63	-0.10	1.31	2.25	1.91	0.84	1.49	0.61	0.67	0.94	4.44	-1.08
16	0.48	0.20	0.11	0.16	0.41	0.56	0.41	0.36	0.66	0.85	0.14	-0.28	-0.86	-0.49	-0.73	-0.77	-0.23	0.56	0.81	0.27	0.25	0.16	0.16	0.12	0.14	0.85	-0.86
17	0.10	0.06	0.11	0.12	0.14	0.10	0.24	0.22	-0.28	-0.71	-0.88	-0.91	-1.02	-1.03	-0.78	-0.78	-0.48	0.26	1.78	1.23	0.70	0.77	0.65	1.05	0.03	1.78	-1.03
18	0.94	0.74	0.84	2.15	1.27	1.34	2.67	3.05	1.24	-0.76	-1.15	-1.16	-1.14	-0.99	-0.90	-0.68	-0.28	0.69	2.21	2.12	1.01	0.55	0.41	0.32	0.60	3.05	-1.16
19	0.25	0.24	0.24	0.24	0.29	0.33	0.33	0.31	0.26	-0.32	-0.61	-0.77	-0.87	-0.91	-0.87	-0.64	-0.34	0.23	0.43	0.61	0.65	0.67	0.52	0.59	0.04	0.67	-0.91
20	0.64	0.48	0.46	0.48	0.35	0.54	0.58	0.60	-0.08	-0.46	-0.62	-0.83	-0.86	-0.72	-0.76	-0.48	-0.34	0.30	1.26	1.79	1.93	1.62	1.99	1.13	0.38	1.99	-0.86
21	0.86	0.60	0.67	0.90	0.87	0.65	0.90	0.45	0.26	-0.05	-0.25	-0.24	-0.36	-0.43	-0.20	-0.11	-0.02	0.13	0.34	0.56	0.29	0.33	-0.07	0.02	0.25	0.90	-0.43
22	0.04	0.09	0.27	0.08	0.21	0.24	0.26	0.19	0.16	0.06	-0.07	-0.14	-0.20	-0.26	-0.26	-0.45	-0.23	-0.10	-0.08	0.08	0.01	-0.03	0.00	0.03	0.00	0.27	-0.45
23	0.05	0.06	0.28	-0.02	-0.04	-0.03	-0.05	-0.10	-0.16	-0.21	-0.32	-0.50	-0.73	-0.95	-0.82	-0.72	-0.44	-0.11	0.20	0.38	0.83	0.60	0.61	0.50	-0.07	0.83	-0.95
24	1.66	1.30	1.66	1.39	0.88	1.30	1.31	1.04	0.07	-0.31	-0.69	-0.57	-0.32	-0.39	-0.16	-0.18	-0.13	-0.08	-0.07	-0.03	0.14	0.20	0.07	-0.05	0.33	1.66	-0.69
25	-0.03	0.12	0.20	0.24	0.55	0.77	0.93	0.58	0.46	0.02	-0.54	-0.73	-0.84	-0.83	-0.87	-0.75	-0.47	0.08	0.89	0.74	0.44	0.74	0.67	0.72	0.13	0.93	-0.87
26	0.97	0.91	0.96	0.98	0.68	0.72	1.25	1.59	0.18	-0.47	-1.00	-0.82	-0.95	-0.94	-0.77	-0.48	-0.29	0.26	0.69	1.02	1.48	2.18	1.49	1.73	0.48	2.18	-1.00
27	1.73	1.86	2.74	2.86	2.65	2.67	1.49	2.72	0.93	-0.49	-1.01	-1.18	-0.92	-0.86	-0.77	-0.62	-0.41	0.94	2.38	2.90	1.26	1.87	3.15	2.57	1.19	3.15	-1.18
28	2.91	2.77	1.79	1.27	1.98	1.94	1.78	2.44	1.68	0.47	-0.18	-0.60	-0.54	-0.54	-0.43	-0.25	-0.02	0.38	0.58	1.51	0.65	0.27	0.67	1.47	0.92	2.91	-0.60
29	1.08	1.60	1.03	1.22	1.09	1.19	1.03	1.27	1.50	0.59	-0.43	-0.96	-0.98	-0.84	-0.73	-0.50	-0.15	0.40	0.72	0.70	1.32	0.80	1.42	0.56	0.54	1.60	-0.98
30	0.85	0.91	1.02	1.11	1.29	0.63	1.26	0.73	0.53	-0.09	-0.49	-0.92	-1.00	-1.03	-1.14	-0.57	-0.22	-0.02	0.13	0.16	0.16	0.16	-0.08	-0.15	0.14	1.29	-1.14
31	-0.14	-0.13	-0.11	-0.11	-0.11	-0.10	-0.10	0.00	-0.08	-0.15	-0.32	-0.39	-0.37	-0.78	-0.39	-0.20	-0.18	-0.09	0.09	0.20	0.12	0.14	0.25	0.51	-0.10	0.51	-0.78
Avg	0.93	1.05	1.05	1.18	1.12	1.12	1.24	1.27	0.37	-0.30	-0.66	-0.83	-0.88	-0.86	-0.76	-0.60	-0.34	0.34	1.13	1.31	1.04	0.92	0.93	0.85	0.44	--	--
Max	3.34	4.27	4.01	3.73	2.93	2.67	3.14	4.44	1.68	0.85	0.14	-0.14	-0.20	-0.26	-0.16	-0.11	-0.02	1.31	2.38	2.91	2.86	2.18	3.15	3.01	--	4.44	--
Min	-0.14	-0.13	-0.11	-0.11	-0.11	-0.10	-0.10	-0.10	-0.28	-0.76	-1.24	-1.18	-1.14	-1.10	-1.14	-0.81	-0.59	-0.11	-0.08	-0.03	0.01	-0.03	-0.08	-0.15	--	--	-1.24

SAROAD for Resolution, Far_West
"Component, Channel: Table100, RH_Percent"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	59	63	62	63	63	63	63	56	41	38	35	32	27	24	21	17	17	18	21	24	28	29	29	31	39	63	17
2	33	34	36	39	40	43	44	42	34	33	31	29	37	51	47	43	72	77	76	77	78	81	78	78	51	81	29
3	81	82	81	80	76	76	72	67	55	48	31	18	13	9	13	12	10	10	14	16	15	17	25	28	40	82	9
4	31	34	35	35	36	35	34	30	20	15	13	12	11	11	11	12	12	13	15	18	20	22	26	27	22	36	11
5	27	30	30	33	33	35	37	30	22	19	18	17	16	15	15	14	15	16	18	20	23	25	26	30	23	37	14
6	33	33	35	38	40	42	44	39	30	24	25	27	24	22	21	20	18	18	19	23	26	28	31	34	29	44	18
7	36	38	40	41	42	41	42	35	26	21	20	18	15	13	13	15	15	15	17	17	18	18	18	18	25	42	13
8	20	22	24	28	30	33	35	34	33	31	28	26	24	23	22	21	21	21	32	41	43	43	45	44	30	45	20
9	43	43	43	43	44	46	45	43	38	35	32	29	26	24	21	18	16	17	19	22	26	32	36	37	33	46	16
10	37	43	46	49	49	51	53	46	37	25	23	22	19	18	17	14	14	14	17	19	24	26	26	28	30	53	14
11	30	32	36	35	37	38	39	33	23	18	16	17	16	14	14	13	11	14	16	18	21	25	26	26	24	39	11
12	26	29	32	34	36	35	34	29	20	15	12	10	9	9	9	9	10	11	13	15	17	20	22	24	20	36	9
13	26	26	25	26	27	30	29	25	17	13	12	11	12	11	10	10	9	11	13	15	16	19	21	21	18	30	9
14	22	23	24	24	26	25	27	24	19	16	14	12	10	9	9	8	8	9	11	12	14	16	16	18	17	27	8
15	20	20	22	24	26	27	27	23	16	13	12	12	11	12	12	11	10	11	13	15	17	20	21	23	17	27	10
16	24	26	25	27	30	29	29	24	19	16	14	13	14	16	15	14	15	16	18	19	22	24	27	29	21	30	13
17	31	32	33	34	35	36	38	34	25	20	19	17	15	15	15	15	15	16	19	22	23	25	28	30	25	38	15
18	32	34	35	37	39	40	42	38	30	24	21	18	17	15	16	17	18	19	22	24	26	29	31	32	27	42	15
19	33	36	37	38	42	44	45	40	31	26	22	19	18	16	16	15	15	15	19	21	22	22	14	10	26	45	10
20	9	8	7	8	8	9	9	9	8	8	8	8	8	8	9	10	11	13	15	18	20	21	22	21	11	22	7
21	21	22	22	22	23	25	27	24	21	19	17	15	14	13	13	12	13	13	15	18	20	21	21	22	19	27	12
22	23	24	27	28	28	26	27	26	22	18	16	15	15	15	14	14	14	15	18	20	21	24	26	27	21	28	14
23	28	30	31	33	34	33	33	30	24	21	19	18	18	18	16	14	15	16	17	18	21	22	26	32	24	34	14
24	30	33	33	33	34	36	37	34	28	23	23	22	22	23	23	24	25	26	28	28	36	38	53	68	32	68	22
25	67	64	69	73	71	72	71	66	50	39	34	32	28	26	25	24	25	26	29	33	36	36	38	42	45	73	24
26	44	47	48	50	49	52	53	50	39	33	29	25	22	17	16	14	15	19	22	24	26	28	28	32	33	53	14
27	34	35	35	37	36	32	31	27	23	17	15	14	14	13	13	13	14	15	17	19	20	19	21	20	22	37	13
28	19	22	24	25	25	25	23	23	20	17	15	15	16	17	17	16	16	18	21	26	28	30	31	32	22	32	15
29	33	34	36	39	40	40	40	38	29	23	19	18	17	16	16	15	16	18	20	23	24	25	27	28	27	40	15
30	29	31	31	32	34	35	35	32	26	22	19	19	19	20	19	19	20	21	24	26	28	30	32	33	26	35	19
31	31	31	34	37	40	41	42	40	33	27	28	27	28	27	29	31	32	36	39	41	42	45	48	50	36	50	27
Avg	33	34	35	37	38	39	39	35	28	23	21	19	18	17	17	16	17	19	21	24	26	28	30	31	27	--	--
Max	81	82	81	80	76	76	72	67	55	48	35	32	37	51	47	43	72	77	76	77	78	81	78	78	--	82	--
Min	9	8	7	8	8	9	9	9	8	8	8	8	8	8	9	8	8	9	11	12	14	16	14	10	--	--	7

SAROAD for Resolution, Far_West
"Component, Channel: Table100, RH_Percent"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	50	45	43	45	46	46	49	51	42	29	31	36	35	31	28	27	27	29	32	33	34	35	37	41	38	51	27
2	43	45	47	48	50	50	52	52	41	34	29	26	25	24	24	23	24	26	29	31	32	31	35	37	36	52	23
3	36	36	38	47	61	67	59	60	48	44	38	35	33	33	34	44	78	88	84	80	77	70	66	59	55	88	33
4	86	92	93	76	61	77	79	81	80	75	60	64	56	52	52	48	49	56	68	76	82	83	81	80	71	93	48
5	84	83	81	76	75	84	87	85	70	71	57	51	44	37	35	33	37	44	52	62	71	75	77	75	64	87	33
6	74	80	78	84	86	90	88	81	65	61	51	45	38	36	35	33	34	38	47	59	67	64	66	68	61	90	33
7	68	70	71	74	82	82	81	76	59	50	43	39	36	33	31	29	30	34	38	47	51	51	54	47	53	82	29
8	41	36	38	42	44	38	35	35	26	24	21	20	19	18	17	17	16	18	24	27	31	30	30	34	28	44	16
9	38	34	34	30	31	29	27	31	28	22	20	17	16	15	14	13	13	15	19	23	26	28	26	28	24	38	13
10	28	26	26	23	25	29	30	31	30	28	25	24	23	22	22	21	23	26	29	28	29	30	30	35	27	35	21
11	36	39	40	41	41	42	40	40	37	32	29	27	25	24	22	20	20	23	28	31	32	33	35	35	32	42	20
12	37	35	33	35	36	37	36	36	30	28	26	23	21	19	18	20	21	22	24	29	32	34	33	31	29	37	18
13	33	32	34	35	33	34	35	34	29	26	26	25	22	19	21	19	21	24	28	33	38	40	42	43	30	43	19
14	45	45	45	44	47	53	53	51	37	29	25	23	20	17	16	15	15	19	24	29	31	31	34	33	33	53	15
15	33	34	38	35	29	37	43	40	30	22	16	11	10	9	10	11	14	17	21	24	26	27	31	31	25	43	9
16	33	34	33	33	33	34	36	35	26	18	12	11	11	12	11	11	13	16	18	20	24	25	25	20	23	36	11
17	20	23	26	28	28	34	37	38	34	27	17	17	16	11	10	10	10	12	14	18	22	23	25	26	22	38	10
18	27	25	20	14	18	15	12	11	10	14	11	9	8	7	6	6	6	8	9	10	13	16	15	16	13	27	6
19	18	18	19	17	17	17	17	17	15	14	13	12	12	11	11	11	12	15	16	16	17	17	17	16	15	19	11
20	18	18	19	21	23	23	24	22	20	19	17	17	17	18	19	22	26	40	50	59	60	65	67	72	31	72	17
21	83	79	71	67	68	74	76	71	61	67	75	65	62	57	49	43	47	53	60	68	74	77	82	83	67	83	43
22	83	87	87	87	87	89	86	84	72	57	51	48	42	38	36	36	36	39	45	51	55	57	59	58	61	89	36
23	64	64	68	73	76	76	79	74	61	51	41	35	29	26	23	21	22	27	33	38	42	44	48	50	48	79	21
24	53	56	48	46	47	56	27	49	21	11	8	8	8	7	7	7	8	10	13	14	16	15	15	15	24	56	7
25	15	15	15	15	15	15	15	15	14	12	11	12	12	12	12	12	13	16	18	19	20	21	22	22	15	22	11
26	23	24	25	25	26	27	27	28	26	24	24	23	22	22	24	26	31	31	28	27	28	29	28	28	26	31	22
27	30	41	52	50	52	52	54	59	52	48	45	42	40	40	38	37	37	38	41	42	87	90	88	89	52	90	30
28	88	88	87	87	88	90	91	91	84	73	66	62	53	49	45	44	44	48	52	56	62	70	71	78	69	91	44
29	87	87	88	90	91	92	93	91	81	76	56	35	28	27	28	26	25	31	35	40	61	65	62	55	61	93	25
30	56	57	58	58	54	47	45	48	38	29	23	29	26	22	21	19	20	23	28	45	55	53	54	60	40	60	19
Avg	48	48	49	48	49	51	50	51	42	37	32	30	27	25	24	23	26	29	33	38	43	44	45	46	39	--	--
Max	88	92	93	90	91	92	93	91	84	76	75	65	62	57	52	48	78	88	84	80	87	90	88	89	--	93	--
Min	15	15	15	14	15	15	12	11	10	11	8	8	8	7	6	6	6	8	9	10	13	15	15	15	--	--	6

SAROAD for Resolution, Far_West
"Component, Channel: Table100, RH_Percent"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	63	63	65	67	65	66	62	64	58	43	33	28	25	22	22	21	23	28	32	42	47	47	51	52	45	67	21
2	52	51	55	58	58	57	61	59	52	39	28	23	22	24	22	23	23	25	31	38	42	45	48	50	41	61	22
3	43	50	42	51	54	44	33	32	30	28	25	24	23	22	21	21	21	23	27	29	25	25	25	24	31	54	21
4	22	24	19	18	17	18	21	19	17	16	15	19	19	15	13	12	12	16	20	26	28	32	33	34	20	34	12
5	36	39	40	40	44	45	46	43	38	29	24	20	18	16	15	15	14	17	21	23	28	30	31	35	29	46	14
6	35	33	34	36	34	34	34	35	37	33	32	29	29	33	32	32	33	37	42	46	50	52	53	55	37	55	29
7	57	59	61	66	68	71	74	76	68	53	50	48	49	49	50	50	51	54	56	61	65	68	72	72	60	76	48
8	75	77	78	76	75	74	77	79	70	60	54	47	41	38	37	37	38	42	46	51	55	58	61	64	59	79	37
9	66	68	69	67	64	64	62	60	53	46	40	38	34	31	29	28	29	34	39	42	45	46	48	47	48	69	28
10	52	54	58	60	61	65	66	65	56	44	37	33	31	29	29	28	30	34	39	43	45	46	47	48	46	66	28
11	48	53	55	55	57	56	55	59	47	36	32	28	27	27	28	29	30	32	38	43	46	49	51	54	43	59	27
12	55	57	59	62	66	68	68	68	60	48	41	33	31	29	30	30	31	33	37	41	45	47	49	52	48	68	29
13	54	56	57	57	58	61	64	65	58	47	38	35	33	31	30	31	32	36	40	44	48	49	51	53	47	65	30
14	55	55	59	61	62	63	65	68	63	51	42	38	34	32	31	30	31	35	41	45	50	51	51	53	49	68	30
15	51	52	56	55	57	57	60	59	48	41	34	29	23	21	19	19	20	24	28	30	31	32	33	42	38	60	19
16	73	85	89	84	77	72	65	66	65	66	55	51	44	42	39	39	45	60	57	47	49	52	55	61	60	89	39
17	64	76	77	55	48	49	44	46	45	41	36	35	36	36	35	31	30	41	55	67	72	67	70	75	51	77	30
18	75	71	74	72	74	79	81	72	58	57	50	46	40	30	28	27	30	38	39	41	30	29	27	26	50	81	26
19	25	25	25	25	26	27	27	28	29	27	24	22	21	20	20	20	21	24	25	25	25	25	25	26	24	29	20
20	26	25	26	27	26	28	28	30	38	32	23	23	24	24	22	22	23	29	34	37	43	42	42	42	30	43	22
21	41	44	45	48	50	52	57	72	78	72	64	63	63	62	64	64	65	70	76	74	68	76	91	94	65	94	41
22	94	94	90	91	89	86	90	91	88	91	88	93	90	80	73	67	71	79	82	87	88	88	90	89	86	94	67
23	93	94	96	96	95	95	95	95	96	94	87	77	76	71	68	68	69	75	82	86	89	90	90	91	86	96	68
24	89	89	89	90	82	81	77	85	79	63	59	57	51	43	56	90	91	90	88	87	88	89	85	93	79	93	43
25	94	92	94	90	94	95	94	94	93	83	75	66	58	53	47	47	47	57	69	75	75	76	76	75	76	95	47
26	74	69	76	73	66	68	74	73	61	60	60	51	49	45	43	40	42	47	44	52	59	61	57	70	59	76	40
27	77	73	70	76	76	71	74	74	69	61	56	52	47	42	42	38	37	49	66	62	57	61	68	71	61	77	37
28	80	75	76	79	79	78	79	72	80	79	69	58	53	50	51	52	57	65	71	74	80	85	86	87	71	87	50
29	88	88	84	74	78	84	83	83	77	67	78	58	47	36	21	21	25	33	34	32	36	37	45	46	56	88	21
30	49	53	55	56	58	57	61	57	59	51	45	43	41	40	40	42	44	48	50	51	61	61	83	95	54	95	40
31	96	97	97	97	98	98	95	89	86	88	80	78	75	68	71	72	79	86	87	87	87	85	88	88	86	98	68
Avg	61	63	63	63	63	63	64	64	60	53	48	43	40	37	36	37	39	44	48	51	53	55	58	60	53	--	--
Max	96	97	97	97	98	98	95	95	96	94	88	93	90	80	73	90	91	90	88	87	89	90	91	95	--	98	--
Min	22	24	19	18	17	18	21	19	17	16	15	19	18	15	13	12	12	16	20	23	25	25	25	24	--	--	12

SAROAD for Resolution, Far_West
"Component, Channel: Table100, SR_Wm2_2m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	27.1	210	444	655	807	896	921	873	708	563	328	94.7	0.153	0	0	0	0	0	272	921	0
2	0	0	0	0	0	0	21.3	149	419	532	631	497	157	263	268	131	70.1	34.6	0.568	0	0	0	0	0	132	631	0
3	0	0	0	0	0	0	25	210	448	663	826	928	951	901	756	565	330	94.5	0.183	0	0	0	0	0	279	951	0
4	0	0	0	0	0	0	23.4	213	451	669	824	917	936	878	744	555	317	85.1	0.0258	0	0	0	0	0	276	936	0
5	0	0	0	0	0	0	23.1	207	442	654	810	901	920	865	736	490	273	74.6	0	0	0	0	0	0	266	920	0
6	0	0	0	0	0	0	23.4	195	433	653	800	887	865	825	726	510	290	85.8	0.17	0	0	0	0	0	262	887	0
7	0	0	0	0	0	0	20.5	199	434	645	803	886	898	852	714	512	289	61.9	0	0	0	0	0	0	263	898	0
8	0	0	0	0	0	0	9.18	160	386	627	775	870	867	825	694	509	284	73.7	0.688	0	0	0	0	0	253	870	0
9	0	0	0	0	0	0	8.92	175	415	618	764	849	864	829	653	495	288	59.7	0	0	0	0	0	0	251	864	0
10	0	0	0	0	0	0	17.5	185	416	625	791	859	881	823	699	456	245	60.1	0	0	0	0	0	0	252	881	0
11	0	0	0	0	0	0	17.7	190	423	630	783	869	883	833	696	503	280	58.4	0	0	0	0	0	0	257	883	0
12	0	0	0	0	0	0	17.1	193	429	639	815	874	913	705	438	509	280	56.9	0	0	0	0	0	0	245	913	0
13	0	0	0	0	0	0	15.5	185	418	626	781	866	886	832	698	505	272	50.3	0	0	0	0	0	0	256	886	0
14	0	0	0	0	0	0	14.5	179	413	623	773	856	868	815	687	483	260	47.5	0	0	0	0	0	0	251	868	0
15	0	0	0	0	0	0	13.5	179	411	622	773	858	875	818	683	487	256	46.4	0	0	0	0	0	0	251	875	0
16	0	0	0	0	0	0	13.2	176	405	606	759	849	883	782	567	469	224	25.4	0	0	0	0	0	0	240	883	0
17	0	0	0	0	0	0	6.07	174	402	610	760	842	858	796	664	475	243	41.1	0	0	0	0	0	0	245	858	0
18	0	0	0	0	0	0	11.2	166	388	589	742	831	847	791	656	460	236	38.1	0	0	0	0	0	0	240	847	0
19	0	0	0	0	0	0	10.2	162	386	590	745	831	844	785	651	460	236	36.6	0	0	0	0	0	0	239	844	0
20	0	0	0	0	0	0	8.99	164	395	596	746	832	844	782	647	452	225	32.5	0	0	0	0	0	0	239	844	0
21	0	0	0	0	0	0	8.02	154	381	583	732	815	824	759	630	438	216	29.5	0	0	0	0	0	0	232	824	0
22	0	0	0	0	0	0	7	142	358	560	711	794	806	746	619	429	209	27.8	0	0	0	0	0	0	225	806	0
23	0	0	0	0	0	0	6.25	143	355	554	654	744	737	787	618	420	203	23.2	0	0	0	0	0	0	218	787	0
24	0	0	0	0	0	0	7.13	138	299	443	445	547	542	461	428	175	64.1	4.95	0	0	0	0	0.297	0	148	547	0
25	0	0	0	0	0	0	5.32	133	347	545	694	777	794	734	605	415	194	21.6	0	0	0	0	0	0	219	794	0
26	0	0	0	0	0	0	5.06	138	344	549	693	779	793	738	607	418	197	23.1	0	0	0	0	0	0	220	793	0
27	0	0	0	0	0	0	4.79	134	311	446	665	710	682	684	504	311	149	11.4	0	0	0	0	0	0	192	710	0
28	0	0	0	0	0	0	1.71	43	272	506	513	736	584	392	235	294	164	9.21	0	0	0	0	0	0	156	736	0
29	0	0	0	0	0	0	3.17	128	340	536	675	764	779	721	591	405	181	17.7	0	0	0	0	0	0	214	779	0
30	0	0	0	0	0	0	3.3	111	333	405	646	766	592	690	540	316	115	11.1	0	0	0	0	0	0	189	766	0
31	0	0	0	0	0	0	1.61	61.5	252	516	643	688	660	634	411	281	80.7	11.7	0	0	0	0	0	0	177	688	0
Avg	0	0	0	0	0	0	12.3	161	385	584	728	810	798	749	609	435	226	43.5	0.0577	0	0	0	0.0096	0	231	--	--
Max	0	0	0	0	0	0	27.1	213	451	669	826	928	951	901	756	565	330	94.7	0.688	0	0	0	0.297	0	--	951	--
Min	0	0	0	0	0	0	1.61	43	252	405	445	497	157	263	235	131	64.1	4.95	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, Far_West
"Component, Channel: Table100, SR_Wm2_2m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	1.25	99.3	275	519	659	688	750	713	579	393	174	14.4	0	0	0	0	0	0	203	750	0
2	0	0	0	0	0	0	1.89	84.6	301	521	665	752	768	709	577	389	172	14.7	0	0	0	0	0	0	206	768	0
3	0	0	0	0.869	0	0	1.19	134	363	286	565	621	817	627	250	47.1	1.54	0.992	0.005	0	0	0	0	0	155	817	0
4	0	0	0	0	0	0	0.0105	8.12	38.2	123	583	735	745	681	554	372	162	12.2	0	0	0	0	0	0	167	745	0
5	0	0	0	0	0	0	1.32	102	306	504	648	733	746	685	555	371	160	12.1	0	0	0	0	0	0	201	746	0
6	0	0	0	0	0	0	1.13	103	307	504	649	731	745	686	557	373	160	11.5	0	0	0	0	0	0	201	745	0
7	0	0	0	0	0	0	0.783	100	303	504	652	719	734	678	551	321	150	10.1	0	0	0	0	0	0	197	734	0
8	0	0	0	0	0	0	1.44	101	309	506	657	739	750	689	555	369	154	9.61	0	0	0	0	0	0	202	750	0
9	0	0	0	0	0	0	0.252	98.3	311	515	663	752	762	700	566	378	160	9.85	0	0	0	0	0	0	205	762	0
10	0	0	0	0	0	0	0.278	95.3	305	502	649	734	744	679	551	367	154	9.61	0	0	0	0	0	0	200	744	0
11	0	0	0	0	0	0	0.131	88.3	292	486	633	715	730	671	541	354	142	7.8	0	0	0	0	0	0	194	730	0
12	0	0	0	0	0	0	0.116	86.6	291	489	638	721	732	674	489	354	128	5.43	0	0	0	0	0	0	192	732	0
13	0	0	0	0	0	0	0.163	87.1	316	450	533	708	727	489	478	353	140	6.93	0	0	0	0	0	0	179	727	0
14	0	0	0	0	0	0	0.113	83.4	285	483	629	714	726	665	534	349	140	6.46	0	0	0	0	0	0	192	726	0
15	0	0	0	0	0	0	0.072	81.3	285	472	621	708	725	663	534	350	133	4.47	0	0	0	0	0	0	191	725	0
16	0	0	0	0	0	0	0.0023	56.5	234	465	642	608	452	318	371	229	71.8	2.99	0	0	0	0	0	0	144	642	0
17	0	0	0	0	0	0	0	63.3	259	470	629	706	716	671	540	349	135	5.27	0	0	0	0	0	0	189	716	0
18	0	0	0	0	0	0	0	76.5	284	482	634	718	725	666	533	346	136	5.05	0	0	0	0	0	0	192	725	0
19	0	0	0	0	0	0	0	68.2	269	465	615	700	715	654	522	302	110	1.16	0	0	0	0	0	0	184	715	0
20	0	0	0	0	0	0	0.0302	33.1	115	201	218	259	278	171	173	106	35.8	1.13	0	0	0	0	0	0	66.3	278	0
21	0	0	0	0	0	0	0	11.5	103	106	183	646	297	445	499	256	146	5.98	0	0	0	0	0	0	112	646	0
22	0	0	0	0	0	0	0	60.9	250	440	587	675	695	635	505	324	122	4.57	0	0	0	0	0	0	179	695	0
23	0	0	0	0	0	0	0	60.6	253	452	600	685	700	640	515	333	127	4.6	0	0	0	0	0	0	182	700	0
24	0	0	0	0	0	0	0	25.7	249	470	645	726	712	664	538	349	134	4.85	0	0	0	0	0	0	188	726	0
25	0	0	0	0	0	0	0	26.2	166	436	587	658	661	634	502	320	119	3.93	0	0	0	0	0	0	171	661	0
26	0	0	0	0	0	0	0	27.9	99.4	181	288	418	280	189	112	53.9	10.8	0.0008	0	0	0	0	0	0	69.2	418	0
27	0	0	0	0	0	0	0	25.5	268	339	573	633	499	474	476	304	40.3	1.56	0	0	0.0315	0	0	0.0773	151	633	0
28	0.554	0.252	0.0038	0	0	0	0	22.9	191	403	477	626	625	435	384	115	21.9	0.23	0	0	0	0	0	0	138	626	0
29	0	0	0	0	0	0	0	46.8	231	429	583	676	700	640	510	329	126	3.96	0	0	0	0	0	0	178	700	0
30	0	0	0	0	0	0	0	47	235	431	577	666	688	636	513	332	121	3.89	0	0	0	0	0	0	177	688	0
Avg	0.0185	0.0084	0.0001	0.029	0	0	0.339	66.8	250	421	576	672	665	596	485	306	120	6.18	0.0002	0	0.0011	0	0	0.0026	174	--	--
Max	0.554	0.252	0.0038	0.869	0	0	1.89	134	363	521	665	752	817	713	579	393	174	14.7	0.005	0	0.0315	0	0	0.0773	--	817	--
Min	0	0	0	0	0	0	0	8.12	38.2	106	183	259	278	171	112	47.1	1.54	0.0008	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, Far_West
"Component, Channel: Table100, SR_Wm2_2m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0	0	0	0	0	0	0	42.1	145	291	545	608	649	637	506	238	118	2.91	0	0	0	0	0	0	158	649	0
2	0	0	0	0	0	0	0	38.2	113	337	539	636	467	488	267	167	56.4	2.25	0	0	0	0	0	0	130	636	0
3	0	0	0	0	0	0	0	38.3	216	404	552	648	664	610	492	319	120	3.82	0	0	0	0	0	0	169	664	0
4	0	0	0	0	0	0	0	39.2	223	416	567	660	679	625	502	324	120	3.21	0	0	0	0	0	0	173	679	0
5	0	0	0	0	0	0	0	25.9	204	403	541	645	650	583	399	303	104	1.73	0	0	0	0	0	0	161	650	0
6	0	0	0	0	0	0	0	15.1	95.9	217	471	580	630	583	511	271	133	3.11	0	0	0	0	0	0	146	630	0
7	0	0	0	0	0	0	0	15.1	224	401	539	589	549	379	244	224	81.4	1.15	0	0	0	0	0	0	135	589	0
8	0	0	0	0	0	0	0	27.7	190	375	525	618	646	595	478	306	114	3.34	0	0	0	0	0	0	162	646	0
9	0	0	0	0	0	0	0	21	197	383	534	622	643	558	418	259	76.2	2.22	0	0	0	0	0	0	155	643	0
10	0	0	0	0	0	0	0	29.4	194	380	519	601	641	586	487	239	86.3	2.45	0	0	0	0	0	0	157	641	0
11	0	0	0	0	0	0	0	30.8	172	370	484	590	630	577	468	308	114	3.47	0	0	0	0	0	0	156	630	0
12	0	0	0	0	0	0	0	17.9	175	330	476	598	618	602	492	299	109	5.53	0	0	0	0	0	0	155	618	0
13	0	0	0	0	0	0	0	23.4	168	298	476	600	619	543	365	241	57.5	1.67	0	0	0	0	0	0	141	619	0
14	0	0	0	0	0	0	0	18.8	141	271	419	530	567	564	457	319	129	2.14	0	0	0	0	0	0	142	567	0
15	0	0	0	0	0	0	0	22.1	186	374	516	600	577	426	368	237	76.2	1.28	0	0	0	0	0	0	141	600	0
16	0	0	0	0	0.0775	0	0	9.01	23.3	57.2	177	447	489	316	471	299	54.9	1.12	0	0	0	0	0	0	97.7	489	0
17	0	0	0.98	0.146	0	0	0	14.9	169	359	517	620	650	602	484	315	117	4.2	0	0	0	0	0	0	161	650	0
18	0	0	0	0	0	0	0	20.7	185	381	537	638	669	627	511	329	76.4	2.98	0	0	0	0	0	0	166	669	0
19	0	0	0	0	0	0	0	12.2	73.9	377	529	629	657	614	498	325	126	5.82	0	0	0	0	0	0	160	657	0
20	0	0	0	0	0	0	0	15.7	104	372	502	579	540	487	405	193	83	2.95	0	0	0	0	0	0	137	579	0
21	0	0	0	0	0	0.001	0.0108	4.4	75.9	115	187	120	248	260	103	113	61.9	2.75	0	0	0	0	0	0	53.8	260	0
22	0	0	0	0	0.045	0.374	0.025	2.32	29.3	71	74.2	185	144	239	217	337	92.2	2.87	0	0	0	0	0	0	58.1	337	0
23	0	0	0	0	0	0	0	1.97	33.3	103	190	370	498	614	400	320	137	4.86	0	0	0	0	0	0	111	614	0
24	0	0	0	0	0	0	0	17.3	166	355	514	490	477	415	73.5	31.8	5.46	3.81	0.358	0.108	0	0	0.0182	0	106	514	0
25	0	0.0145	0	0	0	0	0	7.49	63.8	361	526	502	674	615	551	298	106	5.32	0	0	0	0	0	0	155	674	0
26	0	0	0	0	0	0	0	15.1	161	353	470	550	636	604	494	328	137	8.74	0	0	0	0	0	0	157	636	0
27	0	0	0	0	0	0	0	16.6	164	357	516	618	653	560	499	329	131	5.13	0	0	0	0	0	0	160	653	0
28	0	0	0	0	0	0	0	4.98	60.2	146	270	408	413	319	246	164	80.4	4.13	0	0	0	0	0	0	88.1	413	0
29	0	0	0	0	0	0	0	3.06	65	147	269	604	645	598	500	337	142	8.96	0	0	0	0	0	0	138	645	0
30	0	0	0	0	0	0	0	7.7	105	269	450	548	615	583	447	179	62.2	4.1	0	0	0	0	0	0	136	615	0
31	0	0	0	0	0	0	0	2.19	24.5	82.2	223	163	201	603	61.6	50.3	30.7	6.2	0	0	0	0	0	0	60.3	603	0
Avg	0	0.0005	0.0316	0.0047	0.004	0.0121	0.0012	18.1	134	295	440	535	562	529	400	258	94.8	3.68	0.0116	0.0035	0	0	0.0006	0	136	--	--
Max	0	0.0145	0.98	0.146	0.0775	0.374	0.025	42.1	224	416	567	660	679	637	551	337	142	8.96	0.358	0.108	0	0	0.0182	0	--	679	--
Min	0	0	0	0	0	0	0	1.97	23.3	57.2	74.2	120	144	239	61.6	31.8	5.46	1.12	0	0	0	0	0	0	--	--	0

SAROAD for Resolution, Far_West
"Component, Channel: Table100, Temp_2m_C"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	22.1	21.3	20.6	20.3	20.3	19.9	19.6	22.7	27.5	29.4	31.0	32.8	34.0	34.5	34.8	34.9	34.5	33.5	30.1	27.5	25.9	25.2	24.8	23.8	27.1	34.9	19.6
2	22.7	22.6	22.4	21.2	20.6	20.2	20.7	23.1	28.7	29.4	30.9	31.4	29.2	26.7	27.0	27.8	24.3	23.3	22.6	22.2	22.2	21.9	22.0	21.8	24.4	31.4	20.2
3	20.9	20.0	19.9	19.2	18.9	18.1	18.2	20.6	23.8	25.0	26.6	27.9	28.6	28.7	29.2	29.0	28.3	26.5	23.6	20.8	20.0	18.4	16.1	14.7	22.6	29.2	14.7
4	14.4	13.7	13.1	12.8	12.4	12.2	12.6	15.8	21.1	24.0	26.1	27.2	28.1	28.7	29.1	29.2	28.7	27.3	23.9	21.4	20.2	19.1	18.1	17.7	20.7	29.2	12.2
5	17.6	16.3	16.3	14.8	14.7	14.1	13.4	17.8	23.4	26.5	28.1	29.4	30.6	31.0	31.5	31.2	31.1	29.4	26.6	24.7	22.7	21.2	20.9	19.3	23.0	31.5	13.4
6	18.7	18.7	17.8	16.8	16.4	16.4	16.8	20.2	24.8	27.8	29.2	30.5	30.8	31.4	31.9	31.5	31.0	29.8	26.8	23.9	22.3	21.0	20.0	19.3	23.9	31.9	16.4
7	18.6	17.9	16.8	15.6	15.3	15.3	14.8	19.3	24.9	28.7	29.8	32.2	34.3	36.0	36.4	36.4	35.7	34.7	31.1	28.8	28.1	28.7	28.3	27.9	26.5	36.4	14.8
8	27.3	25.6	24.3	24.8	25.8	25.9	25.7	26.7	28.5	30.1	31.5	32.9	33.8	34.6	35.2	35.8	36.1	33.8	30.4	26.7	25.1	25.2	25.2	24.6	29.0	36.1	24.3
9	24.2	24.3	24.0	23.6	23.1	22.9	23.3	24.9	28.0	30.1	31.9	33.4	35.2	36.0	36.0	36.1	35.2	33.2	30.0	27.3	25.6	25.1	25.0	24.4	28.4	36.1	22.9
10	23.8	22.2	21.4	20.2	19.6	18.9	18.6	21.7	27.2	30.6	32.1	33.0	34.1	34.7	34.8	34.8	34.2	32.9	28.6	26.7	24.7	23.6	22.7	22.3	26.8	34.8	18.6
11	21.2	20.5	19.6	18.8	18.0	17.8	17.6	21.8	27.6	31.2	32.8	34.4	34.7	34.8	35.4	35.5	34.9	32.9	29.3	26.0	23.5	22.3	22.2	20.8	26.4	35.5	17.6
12	19.6	18.6	18.1	17.5	16.9	17.1	16.7	19.8	25.1	29.3	31.7	33.3	34.7	34.8	33.7	33.7	33.1	31.1	26.8	23.8	21.2	20.2	20.1	19.1	24.8	34.8	16.7
13	17.9	17.7	17.6	16.9	16.2	15.0	15.4	18.7	24.3	28.3	30.2	32.4	33.4	33.8	34.1	33.7	33.3	31.2	27.3	24.1	21.8	21.3	20.6	20.5	24.4	34.1	15.0
14	19.7	18.9	18.3	17.8	17.2	17.6	16.4	19.3	24.8	26.3	29.2	32.7	35.0	35.8	35.6	36.0	34.8	32.8	27.6	24.4	23.0	21.5	21.3	20.5	25.3	36.0	16.4
15	19.5	18.6	18.0	17.1	16.0	15.4	16.2	19.9	25.7	30.2	31.8	33.1	34.4	34.5	34.6	35.1	34.7	32.5	28.2	25.5	23.0	21.6	20.7	20.2	25.3	35.1	15.4
16	18.8	18.0	17.9	17.1	16.0	16.3	17.0	20.6	25.4	29.6	31.4	32.4	33.5	33.3	33.3	34.0	33.1	30.5	27.5	25.6	23.3	21.6	20.9	20.7	24.9	34.0	16.0
17	19.5	18.4	17.6	17.5	17.3	16.9	16.2	19.1	25.1	28.3	29.7	31.1	32.0	32.8	32.8	32.4	32.1	30.4	26.8	24.8	23.2	21.4	20.2	19.3	24.4	32.8	16.2
18	18.8	18.0	17.2	16.6	16.1	16.0	15.6	18.4	23.8	28.5	30.4	31.9	32.6	33.0	33.1	33.3	32.5	30.3	26.9	25.2	23.5	21.5	20.0	19.7	24.3	33.3	15.6
19	19.8	18.4	17.3	17.2	15.9	15.1	15.1	18.2	23.1	26.9	28.9	30.9	32.4	32.9	33.0	33.1	32.2	30.4	26.7	23.8	22.3	21.1	22.6	25.0	24.3	33.1	15.1
20	24.5	22.9	23.4	22.8	22.2	21.9	22.1	23.6	26.9	29.4	31.8	33.4	34.6	35.1	35.2	35.1	34.2	32.4	29.7	27.6	26.4	25.6	24.8	26.5	28.0	35.2	21.9
21	26.4	26.0	25.7	25.1	24.5	22.9	21.6	24.1	27.7	29.6	31.6	33.3	34.6	36.1	36.2	36.4	35.5	33.3	29.2	26.9	25.8	25.7	26.3	25.6	28.7	36.4	21.6
22	23.9	23.8	21.2	20.3	21.0	23.0	23.4	24.8	28.7	31.9	33.9	34.9	35.8	36.5	36.5	36.4	35.7	33.3	29.9	27.6	26.5	24.4	23.6	23.0	28.3	36.5	20.3
23	22.3	21.0	20.1	19.5	19.4	19.6	19.5	21.6	26.8	30.5	31.6	33.1	34.0	34.6	35.6	36.2	35.2	32.5	28.7	26.7	25.2	25.1	23.2	22.3	26.9	36.2	19.4
24	22.7	22.0	21.8	21.7	21.5	21.1	20.9	22.5	25.9	30.1	30.8	31.8	32.5	32.5	33.1	32.1	31.1	29.9	28.4	27.2	27.1	25.8	24.2	22.3	26.6	33.1	20.9
25	22.2	22.0	21.2	20.2	19.7	19.1	18.7	20.2	24.7	27.5	29.5	31.5	32.8	33.2	33.5	33.3	32.2	30.5	27.4	25.5	24.2	24.1	22.6	21.0	25.7	33.5	18.7
26	20.0	19.5	19.2	18.1	18.4	17.4	16.8	18.8	24.1	28.4	31.2	33.1	34.9	36.2	36.4	36.5	35.9	32.6	29.4	27.7	25.6	24.5	24.3	22.8	26.3	36.5	16.8
27	22.0	21.6	20.6	19.8	19.7	21.3	21.4	24.1	28.4	32.5	34.2	35.1	35.9	36.6	37.3	37.7	36.7	34.1	31.5	30.5	29.2	29.4	28.8	29.4	29.1	37.7	19.7
28	29.7	27.7	25.8	24.3	23.9	23.6	24.5	24.9	27.6	31.5	32.9	33.9	34.6	33.7	33.1	33.6	33.5	31.2	28.3	26.3	24.2	22.8	21.9	21.7	28.1	34.6	21.7
29	21.3	20.6	19.5	18.2	17.5	17.9	17.4	19.2	25.0	30.2	32.7	34.3	35.3	35.7	35.5	35.1	34.4	31.9	28.0	25.7	24.9	24.1	23.0	21.8	26.2	35.7	17.4
30	21.8	20.9	21.1	20.3	19.0	18.8	19.5	20.9	25.3	27.6	30.8	32.4	32.5	33.6	33.9	33.8	32.6	30.2	27.2	25.2	23.5	22.8	21.5	21.1	25.7	33.9	18.8
31	21.9	21.4	19.9	18.5	18.1	17.5	17.1	18.1	21.9	27.2	28.6	29.2	29.2	30.0	29.2	28.9	27.4	26.2	24.3	22.5	21.2	20.1	20.1	19.4	23.3	30.0	17.1
Avg	21.4	20.6	19.9	19.2	18.8	18.6	18.5	21.0	25.7	28.9	30.7	32.2	33.2	33.6	33.8	33.8	33.0	31.1	27.8	25.6	24.0	23.1	22.5	21.9	25.8	--	--
Max	29.7	27.7	25.8	25.1	25.8	25.9	25.7	26.7	28.7	32.5	34.2	35.1	35.9	36.6	37.3	37.7	36.7	34.7	31.5	30.5	29.2	29.4	28.8	29.4	--	37.7	--
Min	14.4	13.7	13.1	12.8	12.4	12.2	12.6	15.8	21.1	24.0	26.1	27.2	28.1	26.7	27.0	27.8	24.3	23.3	22.6	20.8	20.0	18.4	16.1	14.7	--	--	12.2

SAROAD for Resolution, Far_West
"Component, Channel: Table100, Temp_2m_C"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	19.2	19.6	19.1	18.0	16.9	15.3	14.4	15.7	19.0	24.1	26.3	25.6	26.3	27.0	26.9	27.0	26.0	24.0	21.3	20.0	19.0	17.9	16.9	15.8	20.9	27.0	14.4
2	15.5	14.4	13.3	13.1	12.5	12.2	11.7	12.2	17.3	21.6	24.1	26.2	27.8	28.7	28.4	28.1	27.0	25.1	22.7	20.3	20.4	21.7	19.9	20.7	20.2	28.7	11.7
3	21.8	21.5	21.0	20.2	18.6	17.5	18.5	19.0	22.2	23.3	25.3	26.7	27.7	27.3	26.7	23.7	17.3	16.0	16.3	16.7	17.2	17.8	18.3	19.2	20.8	27.7	16.0
4	16.1	14.7	14.0	15.2	17.8	16.2	15.6	15.6	15.9	16.2	19.5	21.7	23.9	25.3	24.8	24.6	23.9	22.0	19.4	18.1	17.4	16.8	16.4	16.2	18.6	25.3	14.0
5	15.3	14.7	14.1	14.7	14.1	12.9	12.3	14.5	18.7	19.7	22.5	23.6	24.9	26.3	26.7	26.6	25.4	23.4	20.7	19.3	18.3	17.3	16.5	16.4	19.1	26.7	12.3
6	16.0	15.0	15.1	14.1	13.3	12.3	12.1	14.1	18.8	20.8	23.2	25.1	26.9	27.6	27.5	27.6	26.8	24.4	21.2	19.3	18.2	18.0	17.5	16.8	19.7	27.6	12.1
7	16.6	16.1	15.5	15.1	13.3	12.8	13.0	14.3	18.9	22.8	24.7	26.7	28.1	28.1	28.4	28.5	27.7	25.6	22.8	21.3	20.0	19.6	18.9	19.0	20.7	28.5	12.8
8	19.9	21.3	20.1	18.8	18.1	19.2	20.3	21.2	25.3	26.9	28.1	29.0	29.5	30.2	30.2	29.9	29.1	27.0	24.3	22.4	21.1	20.2	20.7	19.3	23.8	30.2	18.1
9	17.7	18.3	18.5	19.4	19.0	18.9	19.8	18.9	21.0	23.2	24.7	25.7	26.4	27.1	27.1	26.8	26.0	24.3	22.0	18.9	17.8	17.2	17.6	17.3	21.4	27.1	17.2
10	16.7	17.0	17.0	17.7	18.2	18.2	18.3	18.7	20.0	21.5	23.1	23.9	24.7	25.6	25.5	25.4	24.6	22.9	21.1	21.7	21.0	20.5	20.5	18.9	20.9	25.6	16.7
11	19.1	18.0	17.6	17.4	17.4	17.0	17.3	18.1	20.3	22.7	24.0	25.2	26.0	26.6	26.9	27.3	26.8	24.4	22.0	21.0	20.2	19.8	19.2	18.9	21.4	27.3	17.0
12	18.0	18.1	19.3	18.1	17.9	17.5	17.2	17.6	21.1	23.7	24.4	25.6	26.8	27.6	27.7	27.9	26.7	23.9	21.3	19.1	18.2	17.2	17.0	18.2	21.2	27.9	17.0
13	17.7	18.4	17.8	17.4	18.1	18.3	17.9	18.8	21.6	24.0	25.0	27.1	28.3	28.6	27.6	28.2	27.3	24.4	21.3	19.3	17.4	16.7	16.3	15.7	21.4	28.6	15.7
14	15.1	14.9	14.6	14.1	12.9	10.9	10.0	11.4	17.9	22.1	24.6	25.7	27.3	29.4	29.7	29.3	28.1	24.9	21.0	18.9	17.9	17.8	16.7	16.2	19.6	29.7	10.0
15	16.2	15.2	13.9	14.3	15.0	12.6	10.4	11.3	17.2	22.5	26.4	29.4	30.7	32.2	32.1	30.8	28.9	25.4	21.4	19.7	18.6	17.5	16.3	16.1	20.6	32.2	10.4
16	15.3	14.8	14.9	14.6	14.7	14.1	13.4	13.6	18.8	24.4	27.6	28.0	28.0	27.7	28.4	28.0	26.5	23.7	21.5	19.3	17.9	17.3	17.5	19.3	20.4	28.4	13.4
17	19.2	17.6	16.1	15.4	15.4	14.4	12.5	12.2	15.5	17.6	18.9	20.0	20.9	21.1	21.0	20.9	20.0	17.1	13.5	11.6	10.1	9.7	9.3	8.8	15.8	21.1	8.8
18	8.2	8.4	9.2	10.5	8.1	8.3	11.2	12.3	15.5	15.9	18.5	21.1	23.8	24.5	25.6	25.8	24.7	21.0	18.6	16.9	15.4	14.2	16.0	15.0	16.2	25.8	8.1
19	14.1	14.8	12.6	15.6	17.1	16.8	17.2	17.8	20.9	23.2	24.6	26.0	27.4	28.2	28.6	28.3	27.0	23.6	22.6	22.4	21.9	21.7	22.1	22.2	21.5	28.6	12.6
20	20.4	20.3	19.8	19.1	18.3	17.4	17.1	18.4	20.5	22.3	23.8	24.8	25.8	24.3	23.8	23.2	22.2	20.8	19.3	18.5	18.0	17.4	16.9	16.8	20.4	25.8	16.8
21	16.0	16.1	16.2	16.2	16.7	15.8	15.8	16.3	17.3	18.0	17.8	20.0	19.6	19.2	20.0	19.5	18.8	17.0	15.0	13.1	11.6	10.9	10.1	9.7	16.1	20.0	9.7
22	9.4	8.8	8.4	8.1	7.9	7.2	7.3	8.1	11.7	16.4	18.7	19.6	19.9	20.8	21.2	21.0	20.1	17.7	15.2	13.7	12.8	12.3	12.0	12.1	13.8	21.2	7.2
23	10.7	10.1	8.7	7.6	7.2	6.3	4.9	5.7	11.0	15.2	18.5	20.6	22.7	24.4	24.7	24.2	22.9	19.7	16.4	13.8	12.6	11.5	10.6	10.2	14.2	24.7	4.9
24	9.4	8.3	9.2	11.1	10.4	8.4	12.7	10.6	15.3	19.9	21.2	22.4	23.4	24.5	25.0	24.9	23.9	21.2	18.3	16.6	17.1	17.4	17.4	17.2	16.9	25.0	8.3
25	17.0	16.9	16.2	16.6	16.5	16.3	16.2	16.3	17.6	20.9	23.3	24.1	25.2	26.2	26.4	26.2	25.0	21.9	20.0	18.9	18.7	18.4	18.2	17.9	20.0	26.4	16.2
26	17.3	17.0	17.2	17.1	16.9	16.9	17.1	17.0	18.4	20.1	21.2	22.5	23.0	23.0	22.6	21.8	20.2	19.0	18.0	17.1	16.8	16.3	15.3	15.5	18.6	23.0	15.3
27	15.0	15.3	14.0	12.3	10.3	10.0	9.5	7.7	11.0	13.0	14.2	15.2	15.0	15.7	16.1	16.2	15.0	14.6	14.2	13.7	8.3	7.1	7.0	7.4	12.4	16.2	7.0
28	7.6	7.7	7.9	8.0	8.0	7.2	6.6	6.5	8.0	10.3	11.6	12.7	13.9	13.3	13.5	12.7	12.4	12.0	11.7	11.3	11.0	10.4	9.0	7.6	10.0	13.9	6.5
29	6.6	6.0	5.6	4.9	4.1	3.4	2.8	2.8	6.5	9.2	11.7	13.3	13.7	14.5	14.9	14.9	14.0	11.6	8.4	7.8	6.0	4.9	5.2	5.9	8.3	14.9	2.8
30	5.6	5.1	4.4	3.3	3.1	3.8	4.6	4.0	8.0	11.5	14.4	14.8	15.5	16.2	16.1	15.9	15.0	12.4	9.2	7.1	5.2	4.8	4.5	3.6	8.7	16.2	3.1
Avg	15.1	14.8	14.4	14.3	13.9	13.3	13.3	13.7	17.0	19.8	21.7	23.1	24.1	24.7	24.8	24.5	23.3	21.0	18.7	17.3	16.2	15.7	15.3	15.1	18.1	--	--
Max	21.8	21.5	21.0	20.2	19.0	19.2	20.3	21.2	25.3	26.9	28.1	29.4	30.7	32.2	32.1	30.8	29.1	27.0	24.3	22.4	21.9	21.7	22.1	22.2	--	32.2	--
Min	5.6	5.1	4.4	3.3	3.1	3.4	2.8	2.8	6.5	9.2	11.6	12.7	13.7	13.3	13.5	12.7	12.4	11.6	8.4	7.1	5.2	4.8	4.5	3.6	--	--	2.8

SAROAD for Resolution, Far_West
"Component, Channel: Table100, Temp_2m_C"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.0	2.4	2.0	1.4	1.4	1.7	2.5	2.9	5.0	8.2	12.8	15.4	15.7	17.3	17.4	15.9	15.4	12.0	9.1	7.7	6.4	6.6	5.9	5.6	8.1	17.4	1.4
2	5.7	6.1	5.4	4.8	4.5	4.3	3.3	3.6	5.8	9.6	12.7	15.2	16.2	15.9	15.0	14.4	14.1	13.2	11.6	10.3	8.3	7.1	5.9	5.2	9.1	16.2	3.3
3	6.8	5.7	7.1	5.2	3.6	5.5	9.7	10.3	12.5	14.7	16.7	17.7	19.4	20.7	21.0	20.5	19.4	16.7	14.0	12.6	14.2	14.1	13.7	12.7	13.1	21.0	3.6
4	12.8	11.2	12.5	12.2	12.2	11.8	8.4	9.9	13.3	15.9	17.7	17.7	18.0	19.6	20.7	20.5	19.7	16.2	12.5	10.2	9.3	8.2	8.0	7.6	13.6	20.7	7.6
5	7.2	5.8	5.7	5.6	4.7	4.3	4.1	5.4	8.6	14.0	16.6	18.5	20.0	20.2	19.8	19.8	18.8	15.4	12.8	11.3	10.3	9.5	8.4	7.2	11.4	20.2	4.1
6	6.9	7.2	6.2	6.0	6.3	6.5	7.6	8.0	9.5	13.7	16.2	17.9	18.7	18.8	19.5	19.5	18.7	16.0	13.3	11.6	10.3	10.1	9.9	9.8	12.0	19.5	6.0
7	9.3	8.8	8.2	7.7	7.5	7.3	7.1	6.7	9.8	15.3	17.6	18.8	18.4	17.9	17.5	17.4	16.9	14.9	13.0	11.4	10.0	9.4	8.4	8.0	12.0	18.8	6.7
8	7.6	6.9	6.3	6.3	6.0	5.7	5.5	5.7	9.0	13.4	15.8	17.7	18.8	19.8	20.3	19.9	19.1	16.4	13.7	11.7	10.4	9.4	9.0	8.5	11.8	20.3	5.5
9	7.9	7.2	6.7	6.4	7.2	7.1	7.2	7.4	10.8	14.5	16.2	18.4	21.0	22.1	22.6	22.3	20.2	17.6	14.8	13.2	12.2	12.0	11.1	10.9	13.2	22.6	6.4
10	9.5	8.0	7.2	6.5	6.4	5.5	5.2	5.4	9.6	15.2	18.7	19.9	21.1	21.7	21.7	22.0	20.3	17.5	14.6	12.7	12.0	12.0	11.9	11.9	13.2	22.0	5.2
11	12.0	10.3	9.5	9.6	9.1	9.2	9.4	8.6	12.5	17.7	20.4	21.6	22.7	22.9	23.1	23.1	22.4	19.3	16.2	14.2	13.5	12.9	12.3	11.5	15.2	23.1	8.6
12	11.3	10.9	10.7	9.4	8.2	7.5	8.2	8.4	11.5	16.7	19.9	22.5	23.6	24.1	23.9	23.6	22.5	19.8	17.0	15.3	14.3	14.2	13.8	12.8	15.4	24.1	7.5
13	12.2	11.6	11.7	11.8	11.7	11.0	9.9	9.5	12.4	16.9	21.0	23.7	24.0	24.7	24.1	23.6	21.5	18.4	16.1	14.4	13.7	13.7	13.1	12.5	16.0	24.7	9.5
14	12.1	12.0	11.1	10.3	10.2	10.0	9.9	8.7	10.4	15.5	19.4	21.6	23.8	24.8	25.0	25.4	24.4	20.8	17.6	15.1	13.6	13.5	13.8	12.9	15.9	25.4	8.7
15	12.6	11.8	10.1	9.6	8.6	8.6	8.3	8.0	12.9	17.4	21.6	23.6	26.0	25.8	26.2	26.3	24.4	20.8	18.5	16.7	15.9	16.1	15.8	15.1	16.7	26.3	8.0
16	13.6	12.6	12.6	13.2	13.9	14.5	15.3	15.2	15.4	15.5	17.5	19.2	21.7	21.3	22.8	23.2	21.6	19.0	18.2	18.1	17.3	17.2	16.8	16.7	17.2	23.2	12.6
17	17.0	16.0	13.4	12.6	11.2	10.0	8.9	7.9	8.3	9.9	11.2	11.9	12.8	13.8	14.1	13.8	13.0	10.4	8.3	7.0	5.7	5.6	4.8	3.6	10.5	17.0	3.6
18	3.0	3.2	2.5	2.0	1.5	0.1	-0.5	0.6	5.0	7.8	10.4	11.7	13.1	14.7	15.4	15.6	14.3	11.5	10.2	9.0	10.8	11.3	11.3	11.6	8.2	15.6	-0.5
19	11.6	11.3	11.2	10.8	10.5	10.4	10.5	10.6	11.0	13.7	16.1	17.5	19.5	20.5	21.2	21.4	20.5	18.0	16.5	15.8	15.9	15.7	15.9	15.5	15.1	21.4	10.4
20	15.6	15.8	15.6	15.0	15.2	14.6	14.7	14.0	12.7	15.9	20.1	21.8	21.6	21.6	22.8	22.0	20.9	18.5	16.3	14.4	13.5	14.1	14.8	14.5	16.9	22.8	12.7
21	14.8	14.5	14.3	14.5	15.2	14.6	14.7	14.0	15.0	16.5	17.6	18.3	18.8	19.6	19.4	19.7	19.6	18.5	17.5	17.5	18.4	17.4	16.2	15.5	16.8	19.7	14.0
22	15.1	15.2	15.6	15.5	15.9	16.6	16.3	16.1	16.6	16.6	17.3	16.8	17.4	17.8	17.2	18.1	16.9	15.3	14.0	12.7	12.7	12.8	12.7	12.5	15.6	18.1	12.5
23	12.2	11.8	11.5	11.9	12.0	12.0	12.0	12.0	11.9	12.3	13.2	15.3	16.6	17.6	17.4	17.7	16.8	14.6	13.5	12.7	11.5	10.9	10.4	9.8	13.2	17.7	9.8
24	9.2	9.1	8.7	8.4	9.9	9.8	10.0	8.8	10.8	14.3	15.9	16.8	17.1	17.6	15.0	7.8	6.0	6.2	6.6	6.9	6.7	6.4	6.9	4.7	10.0	17.6	4.7
25	4.4	4.1	3.5	4.1	3.4	3.1	2.8	3.5	3.9	6.6	8.7	9.9	10.7	11.3	11.8	11.5	10.6	8.3	6.8	6.0	5.5	4.7	4.6	4.3	6.4	11.8	2.8
26	3.9	4.4	3.5	3.5	4.5	4.2	3.0	3.0	6.6	9.0	10.4	12.2	13.4	15.1	15.3	15.7	15.3	13.0	12.0	10.5	9.2	8.4	9.0	7.1	8.8	15.7	3.0
27	5.4	6.0	6.2	5.1	4.4	5.0	4.7	4.4	8.0	11.3	13.9	15.5	17.0	18.8	19.6	20.2	20.3	16.4	13.3	12.4	12.1	11.2	10.0	9.1	11.3	20.3	4.4
28	7.4	7.5	7.3	6.6	6.5	7.0	6.6	7.1	7.0	8.1	10.6	14.1	15.0	16.3	15.8	15.5	15.0	13.5	12.3	11.7	11.1	10.4	9.9	9.3	10.5	16.3	6.5
29	9.2	9.1	9.3	10.3	10.1	8.9	8.8	8.9	10.0	12.2	12.3	16.6	20.1	23.1	24.3	23.8	22.7	20.1	17.7	17.4	16.8	16.5	15.1	14.9	14.9	24.3	8.8
30	14.2	13.7	13.7	13.0	12.6	13.2	11.8	13.0	13.3	15.9	18.4	19.5	21.4	22.4	22.9	21.1	20.2	19.1	18.2	17.7	16.7	16.6	14.7	13.2	16.5	22.9	11.8
31	13.0	12.8	12.7	12.6	12.6	12.5	12.1	11.6	11.5	11.4	12.7	13.5	14.0	16.5	14.9	14.6	13.8	13.1	12.4	12.0	12.1	12.4	11.9	11.4	12.8	16.5	11.4
Avg	9.9	9.5	9.1	8.8	8.6	8.5	8.3	8.4	10.3	13.4	15.8	17.4	18.6	19.5	19.6	19.2	18.2	15.8	13.8	12.6	11.9	11.6	11.2	10.5	12.9	--	--
Max	17.0	16.0	15.6	15.5	15.9	16.6	16.3	16.1	16.6	17.7	21.6	23.7	26.0	25.8	26.2	26.3	24.4	20.8	18.5	18.1	18.4	17.4	16.8	16.7	--	26.3	--
Min	3.0	2.4	2.0	1.4	1.4	0.1	-0.5	0.6	3.9	6.6	8.7	9.9	10.7	11.3	11.8	7.8	6.0	6.2	6.6	6.0	5.5	4.7	4.6	3.6	--	--	-0.5

SAROAD for Resolution, Far_West
"Component, Channel: Table100, WD_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	115	105	93	86	103	99	110	128	140	169	186	195	237	221	197	237	233	225	153	95	77	70	70	128	139	237	70
2	118	146	102	95	79	92	91	91	79	37	145	125	285	4	16	30	327	61	67	67	87	110	161	146	85	327	4
3	150	149	157	130	147	140	135	103	173	225	252	262	274	275	279	272	281	283	283	295	242	89	75	90	206	295	75
4	93	86	86	77	77	80	79	74	134	174	190	229	252	290	228	273	267	273	330	10	43	71	76	74	82	330	10
5	75	89	81	143	109	96	73	75	109	146	141	168	193	223	217	243	245	313	316	347	359	34	72	74	104	359	34
6	92	97	98	91	73	72	82	100	129	187	217	303	282	287	289	265	278	256	305	321	15	65	79	80	54	321	15
7	77	78	88	76	79	85	85	87	240	231	270	231	301	322	145	150	120	71	44	11	60	86	85	99	84	322	11
8	92	67	79	90	100	89	91	91	91	99	116	135	145	156	155	150	196	295	187	86	61	70	71	72	105	295	61
9	64	58	59	60	63	63	63	69	80	107	123	143	132	262	235	168	237	223	242	182	73	74	74	71	99	262	58
10	145	185	80	86	100	76	121	97	133	160	174	193	222	240	232	195	181	243	72	69	72	70	73	93	132	243	69
11	117	91	88	107	89	84	79	84	121	154	159	189	240	233	227	239	252	309	342	10	67	76	100	102	113	342	10
12	106	90	76	81	75	78	76	78	122	171	164	203	175	243	225	254	282	301	329	22	51	78	80	94	100	329	22
13	82	80	85	88	105	97	83	75	80	162	168	173	242	250	247	251	267	276	306	17	74	75	78	74	99	306	17
14	85	77	95	97	98	99	80	120	293	258	261	282	231	221	242	258	220	233	195	73	71	67	77	94	134	293	67
15	113	103	87	86	95	98	86	91	98	134	168	183	226	238	225	248	242	296	343	24	75	68	80	92	110	343	24
16	81	93	95	70	106	79	74	73	95	168	185	182	215	248	233	265	302	329	352	11	61	75	80	83	88	352	11
17	95	102	86	79	76	78	77	73	99	155	172	234	243	244	259	253	267	278	317	338	357	39	56	83	75	357	39
18	91	84	79	74	76	84	101	88	121	241	182	195	207	230	256	286	287	317	337	344	21	50	58	73	72	344	21
19	79	104	120	98	77	87	76	78	157	241	236	250	288	278	287	276	278	281	299	23	73	69	73	57	57	299	23
20	71	77	66	67	72	76	70	53	50	133	134	102	106	110	94	88	92	90	69	62	66	70	70	82	82	134	50
21	80	80	90	90	90	74	72	86	102	101	108	114	116	115	154	147	156	170	159	81	60	65	66	75	101	170	60
22	73	104	258	72	73	70	78	87	209	138	137	151	192	216	230	246	275	309	325	345	12	72	81	96	103	345	12
23	104	84	79	78	81	77	79	79	114	177	198	214	228	238	268	273	303	301	336	45	76	148	105	90	103	336	45
24	82	89	85	76	78	77	92	101	129	152	168	188	230	281	300	298	332	5	19	102	151	54	122	81	92	332	5
25	69	93	141	76	67	78	80	96	152	187	188	203	192	254	262	233	257	303	356	33	61	66	71	109	109	356	33
26	131	98	96	102	92	92	84	79	131	199	51	323	68	100	198	155	330	295	310	359	47	64	125	111	88	359	47
27	112	116	104	72	78	90	132	133	126	108	111	114	117	126	141	208	148	99	68	60	76	112	168	147	114	208	60
28	134	174	172	161	103	95	108	114	156	154	144	165	181	228	209	185	206	244	306	316	309	36	66	74	156	316	36
29	89	84	109	103	72	92	100	79	72	116	160	145	142	252	270	279	261	331	28	62	69	67	71	157	94	331	28
30	116	96	115	108	115	83	72	90	197	164	159	196	226	226	234	253	319	354	355	48	77	81	122	118	119	355	48
31	156	143	109	92	82	92	85	86	97	171	212	204	207	213	241	246	303	301	341	10	142	199	248	156	163	341	10
Avg	99	99	96	90	88	86	87	89	122	162	170	189	213	239	233	239	261	294	340	29	60	73	85	95	105	--	--
Max	156	185	258	161	147	140	135	133	293	258	270	323	301	322	300	298	332	354	356	359	359	199	248	157	--	359	--
Min	64	58	59	60	63	63	63	53	50	37	51	102	68	4	16	30	92	5	19	10	12	34	56	57	--	--	4

SAROAD for Resolution, Far_West
"Component, Channel: Table100, WD_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	184	173	149	154	127	77	76	80	60	84	154	232	231	242	239	268	285	352	343	350	27	5	48	75	94	352	5
2	77	99	133	96	95	111	98	67	88	191	227	242	276	283	292	280	282	292	298	38	165	76	40	61	86	298	38
3	73	77	70	76	83	52	49	62	59	62	80	72	73	59	62	121	269	6	31	30	53	63	61	81	62	269	6
4	135	171	123	97	71	48	93	61	64	64	104	213	215	307	275	266	271	271	317	113	91	82	65	82	92	317	48
5	76	119	93	84	137	330	300	273	288	267	244	273	270	274	270	274	276	285	318	11	77	84	86	81	307	330	11
6	83	145	106	80	106	102	116	82	125	243	264	282	244	263	270	292	294	297	282	84	80	76	78	69	97	297	69
7	84	82	92	121	111	103	91	106	122	255	248	295	290	291	293	298	295	292	322	44	52	52	68	63	43	322	44
8	72	81	130	146	102	65	65	117	95	102	108	108	121	124	107	109	97	93	52	62	120	103	96	56	97	146	52
9	70	35	61	99	102	90	77	50	64	89	84	101	108	115	96	113	121	112	102	79	109	100	87	74	90	121	35
10	83	74	96	95	91	96	97	94	91	84	89	94	103	109	113	102	97	106	102	90	88	97	97	77	94	113	74
11	76	63	59	66	75	61	68	76	69	87	95	103	119	121	130	114	82	76	62	65	60	63	72	69	80	130	59
12	84	58	87	70	77	77	81	69	71	102	98	91	102	106	89	48	56	56	65	76	65	75	65	64	76	106	48
13	66	59	64	64	69	76	85	75	69	66	204	265	258	241	288	277	281	263	303	20	75	65	73	73	47	303	20
14	74	78	89	74	115	80	336	152	7	322	225	273	256	274	296	310	284	298	3	51	62	67	85	118	26	336	3
15	100	92	83	83	106	267	349	53	93	124	98	102	120	150	204	257	305	332	47	73	96	110	83	88	90	349	47
16	106	90	75	98	72	69	233	112	89	114	150	163	174	187	218	249	302	328	28	60	107	102	100	136	113	328	28
17	141	138	122	149	185	251	330	314	64	248	280	299	274	287	283	284	270	275	291	37	67	72	71	77	290	330	37
18	112	102	101	90	54	50	73	82	79	250	320	320	283	248	279	280	304	330	353	6	66	82	91	205	32	353	6
19	74	150	300	62	67	64	65	71	80	87	103	103	111	107	114	108	98	67	71	74	67	68	75	81	83	300	62
20	67	68	72	64	70	113	103	110	115	253	289	285	273	316	308	295	324	304	307	328	303	202	117	181	345	328	64
21	27	69	74	88	77	67	82	141	191	218	214	219	263	281	279	277	280	279	293	355	48	98	101	108	81	355	27
22	91	81	76	80	81	76	81	77	79	128	272	287	275	283	309	293	283	282	309	16	46	68	73	48	36	309	16
23	108	84	105	146	81	60	346	25	128	272	285	295	318	329	293	308	298	300	355	43	58	20	76	88	17	355	20
24	85	94	65	54	78	104	79	0	41	52	76	66	54	53	59	47	47	58	66	62	62	66	67	77	63	104	0
25	77	62	61	68	68	63	68	69	68	73	100	103	111	108	114	100	89	67	65	70	66	73	80	77	79	114	61
26	68	71	77	72	76	76	81	76	80	89	94	121	123	125	139	170	222	182	223	174	182	149	206	170	123	223	68
27	166	230	270	247	213	245	222	213	216	225	223	226	248	251	254	254	258	265	279	243	328	14	90	153	239	328	14
28	147	137	157	166	167	180	182	171	177	176	179	174	197	214	209	192	190	26	29	19	6	314	271	244	183	314	6
29	68	116	161	170	94	88	110	95	140	268	313	321	287	287	283	266	259	277	263	338	38	67	68	63	21	338	38
30	65	75	75	101	74	82	77	86	67	45	34	254	285	296	317	318	308	288	300	359	57	83	93	89	40	359	34
Avg	89	94	93	96	94	78	75	82	87	118	158	227	228	251	266	274	289	320	350	43	67	75	80	89	79	--	--
Max	184	230	300	247	213	330	349	314	288	322	320	321	318	329	317	318	324	352	355	359	328	314	271	244	--	359	--
Min	27	35	59	54	54	48	49	0	7	45	34	66	54	53	59	47	47	6	3	6	6	5	40	48	--	--	0

SAROAD for Resolution, Far_West
"Component, Channel: Table100, WD_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	82	97	81	84	77	86	90	107	88	62	62	247	272	274	276	274	315	279	281	43	73	76	92	89	66	315	43
2	79	82	30	68	74	73	108	119	95	172	167	191	274	293	303	299	313	319	324	335	308	356	29	162	26	356	29
3	171	207	103	4	333	354	38	45	58	24	51	56	353	321	317	295	317	323	0	53	59	47	51	139	21	354	0
4	65	44	52	63	58	30	30	359	82	114	155	235	259	271	293	294	283	238	334	57	62	87	88	78	40	359	30
5	74	87	119	96	77	123	90	85	85	156	169	173	202	246	256	285	337	344	13	63	76	91	79	81	94	344	13
6	81	88	89	81	74	78	83	100	117	150	150	183	214	241	240	291	307	348	20	50	77	88	79	85	91	348	20
7	85	84	94	75	73	72	77	80	93	167	181	230	215	266	282	285	283	300	9	52	61	62	68	63	72	300	9
8	89	92	83	75	73	88	127	101	128	248	278	316	308	301	291	302	297	313	333	28	47	72	73	97	37	333	28
9	95	70	64	10	44	60	57	39	83	223	255	266	258	292	274	286	310	320	27	41	43	71	85	104	26	320	10
10	102	51	62	56	73	97	83	72	68	129	211	282	293	283	282	250	269	299	62	71	76	78	71	86	64	299	51
11	81	80	76	76	84	80	83	70	64	87	169	165	198	226	260	235	236	278	38	76	75	72	89	83	95	278	38
12	88	71	98	129	78	77	91	68	87	240	225	237	276	233	261	270	258	247	228	68	77	76	78	80	113	276	68
13	77	74	76	77	82	114	115	77	79	75	119	210	254	237	252	268	259	312	54	74	73	72	76	72	85	312	54
14	75	77	96	93	93	80	80	108	61	20	232	244	270	285	299	296	329	338	352	62	68	84	82	76	51	352	20
15	72	73	106	60	71	88	96	27	3	6	133	228	270	252	219	207	230	290	21	81	82	95	4	96	71	290	3
16	272	355	69	71	82	105	143	121	94	156	138	129	162	170	140	185	236	172	147	183	190	196	199	199	152	355	69
17	212	222	260	281	295	299	287	283	287	290	269	252	235	241	225	255	230	128	65	85	71	79	76	71	260	299	65
18	80	70	76	58	66	349	96	97	90	262	272	279	288	295	313	317	318	356	19	74	63	55	66	66	29	356	19
19	66	65	63	71	71	69	64	61	59	62	54	58	68	61	57	68	56	51	47	51	65	69	76	71	63	76	47
20	54	63	60	63	73	62	59	34	318	23	143	239	258	249	314	296	312	343	17	15	356	99	195	95	24	356	15
21	72	184	105	94	85	78	181	114	76	173	186	172	96	36	102	116	95	85	83	66	64	149	154	126	110	186	36
22	76	79	125	128	132	124	125	124	125	135	134	219	250	254	279	287	297	318	306	309	318	12	22	356	89	356	12
23	225	229	307	139	159	154	196	244	245	219	237	46	301	283	308	317	311	316	68	55	65	64	86	68	268	317	46
24	67	87	95	124	129	129	152	135	137	186	167	194	203	208	231	271	248	169	150	166	153	144	155	273	162	273	67
25	62	73	81	108	118	105	129	155	158	197	212	220	228	238	228	239	294	350	26	60	61	63	71	71	116	350	26
26	64	63	68	69	66	65	68	99	85	223	305	313	271	288	296	316	327	19	61	61	100	66	22	298	31	327	19
27	54	94	95	150	29	356	7	27	189	169	271	280	310	288	302	295	248	258	32	66	83	88	140	39	21	356	7
28	42	19	69	76	98	89	45	25	132	320	79	229	240	197	322	357	346	329	2	18	177	127	70	69	46	357	2
29	68	90	42	58	153	297	5	127	119	220	307	312	327	255	98	102	106	94	71	72	91	82	112	71	78	327	5
30	101	74	82	72	82	116	98	86	67	80	120	102	138	189	127	140	132	136	139	144	150	199	292	274	117	292	67
31	188	182	173	180	187	188	194	192	199	193	194	208	204	215	249	251	38	104	75	86	114	115	103	107	170	251	38
Avg	82	81	82	82	82	81	91	86	94	163	183	228	254	258	274	279	295	322	30	61	75	83	81	83	78	--	--
Max	272	355	307	281	333	356	287	359	318	320	307	316	353	321	322	357	346	356	352	335	356	356	292	356	--	359	--
Min	42	19	30	4	29	30	5	25	3	6	51	46	68	36	57	68	38	19	0	15	43	12	4	39	--	--	0

SAROAD for Resolution, Far_West
"Component, Channel: Table100, WS_ms_10m"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.6	2.3	2.0	2.7	2.7	2.2	2.6	2.0	3.5	3.1	2.8	2.2	2.5	3.0	3.1	3.6	2.6	1.5	0.7	2.5	3.1	3.7	3.4	2.4	2.6	3.7	0.7
2	2.7	2.4	2.2	2.3	3.1	2.8	2.5	2.6	3.4	2.8	3.5	3.5	3.2	3.4	3.6	3.3	3.8	3.3	3.7	2.8	1.5	1.3	1.2	2.3	2.8	3.8	1.2
3	2.5	3.0	2.7	2.5	2.4	2.9	2.9	1.7	2.8	3.6	3.6	4.8	6.0	5.6	4.2	4.2	5.0	5.5	2.4	1.8	1.9	1.5	1.9	3.1	3.3	6.0	1.5
4	2.9	3.2	3.3	3.4	3.4	3.0	3.3	2.9	1.6	3.1	2.4	2.4	2.4	2.7	2.6	2.9	2.5	2.0	1.7	2.8	3.0	3.1	3.6	3.7	2.8	3.7	1.6
5	3.2	3.0	3.6	2.3	3.1	2.8	3.1	2.7	2.2	3.0	3.1	2.7	3.0	3.3	3.8	3.6	2.5	2.7	2.7	2.5	2.2	2.5	2.5	2.5	2.9	3.8	2.2
6	2.8	2.5	2.4	2.4	3.1	2.9	3.3	2.0	1.0	2.4	2.3	1.8	2.7	2.7	2.4	2.8	2.1	2.0	2.3	2.4	2.8	2.9	3.4	3.2	2.5	3.4	1.0
7	3.2	3.1	2.2	1.9	2.8	2.0	1.7	0.9	0.8	1.6	2.7	1.8	2.3	2.1	2.2	2.2	2.2	2.1	1.9	2.4	3.4	3.7	4.2	4.1	2.4	4.2	0.8
8	4.7	2.9	2.5	4.6	6.3	6.7	5.9	6.5	6.7	6.8	6.5	5.6	5.0	3.9	3.2	2.1	1.4	2.8	3.2	5.5	7.0	6.6	6.6	4.2	4.9	7.0	1.4
9	3.6	4.7	4.7	4.7	4.3	4.1	5.2	4.6	4.3	4.4	3.2	2.9	2.1	1.8	2.0	1.7	2.8	3.0	1.5	0.8	3.2	3.7	3.7	3.7	3.4	5.2	0.8
10	3.2	1.6	2.7	2.4	1.9	1.8	1.6	1.0	1.7	4.1	3.9	3.4	2.8	3.4	3.4	3.1	1.8	0.6	0.6	2.1	3.4	3.2	3.3	2.7	2.5	4.1	0.6
11	3.0	3.0	2.8	2.8	2.7	2.8	2.3	2.5	2.7	3.5	3.3	3.5	4.3	5.6	4.5	4.5	5.1	3.7	2.0	1.4	1.6	2.9	2.8	2.6	3.1	5.6	1.4
12	2.7	3.3	3.6	3.4	3.6	3.9	3.5	3.0	1.7	1.6	1.7	2.2	2.0	2.3	2.5	3.9	3.8	2.7	2.5	1.9	2.5	3.6	3.7	3.2	2.9	3.9	1.6
13	3.0	3.6	2.9	2.9	2.4	2.8	3.4	2.6	2.1	2.3	2.2	1.5	2.3	2.5	2.6	2.6	2.3	2.4	2.3	2.1	3.6	3.9	4.0	4.0	2.8	4.0	1.5
14	3.4	3.2	3.5	3.2	2.7	3.0	2.5	0.9	1.4	2.8	2.0	1.5	1.3	1.9	2.5	1.8	2.0	1.6	1.1	2.0	3.4	3.0	3.7	2.9	2.4	3.7	0.9
15	2.9	3.2	3.1	2.9	2.3	2.8	3.2	3.2	2.6	3.6	3.1	2.7	2.5	3.2	3.2	2.2	1.6	1.7	2.3	2.9	3.1	2.8	3.3	3.2	2.8	3.6	1.6
16	2.7	3.0	3.2	2.8	2.8	3.5	4.0	3.3	1.9	1.4	2.1	3.4	3.2	4.6	3.3	3.1	2.8	2.0	2.6	2.6	2.1	3.0	3.4	3.3	2.9	4.6	1.4
17	2.4	2.6	3.1	3.2	3.0	3.1	3.0	3.1	1.7	3.4	3.5	3.0	2.8	2.4	3.2	4.4	2.5	2.0	2.4	2.6	2.4	2.1	2.6	2.9	2.8	4.4	1.7
18	2.8	2.7	2.8	2.8	2.9	3.0	2.7	1.9	0.5	0.6	1.1	1.6	2.2	2.5	2.9	2.1	2.6	2.5	2.6	2.7	2.7	2.1	2.4	3.3	2.3	3.3	0.5
19	3.5	1.9	2.5	2.5	2.3	2.5	2.7	2.1	1.0	1.3	1.8	2.4	2.3	2.7	3.5	3.3	3.9	2.7	2.0	2.0	2.7	3.3	3.9	5.7	2.7	5.7	1.0
20	4.3	3.9	5.1	4.2	4.1	4.1	4.9	4.7	6.3	3.0	3.5	5.1	5.1	5.0	4.8	5.5	6.0	5.2	4.7	4.5	4.4	4.5	4.5	6.4	4.7	6.4	3.0
21	7.3	7.4	6.9	5.7	5.0	4.2	4.2	4.2	7.1	7.3	6.2	5.6	3.5	2.0	2.6	2.2	2.0	2.2	1.5	2.0	3.2	3.8	4.5	3.7	4.3	7.4	1.5
22	3.2	2.3	0.9	1.7	3.7	3.8	3.3	2.5	1.2	2.8	4.1	3.9	3.5	2.8	3.2	3.5	3.2	3.2	2.2	2.5	2.5	3.0	3.3	3.3	2.9	4.1	0.9
23	2.4	3.2	3.0	3.1	3.4	3.6	3.4	2.9	1.5	2.1	3.2	2.5	2.5	2.6	2.0	1.5	1.4	1.6	1.7	2.4	3.1	2.3	2.4	2.9	2.5	3.6	1.4
24	3.2	2.5	2.9	2.8	2.7	3.5	2.8	1.9	2.0	2.6	2.9	2.9	2.9	2.9	2.6	2.2	2.0	1.6	1.5	1.6	4.7	2.0	2.2	2.6	2.6	4.7	1.5
25	3.2	2.8	2.1	2.6	2.9	3.1	3.2	2.1	1.8	2.9	2.9	2.4	1.8	2.3	2.2	2.5	2.0	1.3	2.2	2.8	3.0	3.3	2.7	1.8	2.5	3.3	1.3
26	2.1	2.6	2.3	2.5	2.0	2.2	1.5	1.8	1.1	0.5	0.7	1.3	1.3	1.7	2.1	1.7	2.3	3.4	2.8	2.8	2.5	2.4	1.6	1.4	1.9	3.4	0.5
27	3.2	2.8	2.3	1.7	3.1	2.8	2.0	1.6	0.9	4.9	5.9	6.3	5.1	5.5	3.2	1.5	1.3	2.7	3.7	4.0	3.2	3.2	2.9	5.5	3.3	6.3	0.9
28	5.0	2.5	2.4	1.3	3.3	3.2	2.6	1.6	2.4	3.5	4.7	4.4	3.3	4.2	3.2	3.5	4.0	2.7	2.1	2.4	1.9	2.4	3.3	3.6	3.1	5.0	1.3
29	3.3	3.3	1.4	1.4	2.5	3.1	1.6	2.0	0.8	1.0	1.4	2.1	1.5	2.3	2.3	2.7	1.7	1.9	2.4	3.0	3.4	3.3	1.8	1.8	2.2	3.4	0.8
30	3.1	3.0	3.3	2.8	2.1	2.9	3.6	2.5	2.2	5.7	4.2	3.5	3.7	3.2	3.4	2.0	1.7	1.3	1.9	1.7	2.4	2.8	2.4	2.7	2.8	5.7	1.3
31	2.8	2.5	2.2	2.9	3.3	3.0	3.0	2.4	1.7	2.6	3.0	4.1	3.8	4.2	4.0	3.5	3.9	3.6	1.6	0.8	1.7	1.7	1.2	0.8	2.7	4.2	0.8
Avg	3.3	3.0	2.9	2.8	3.1	3.2	3.1	2.6	2.3	3.0	3.2	3.1	3.0	3.2	3.0	2.9	2.7	2.5	2.2	2.5	3.0	3.0	3.1	3.2	2.9	--	--
Max	7.3	7.4	6.9	5.7	6.3	6.7	5.9	6.5	7.1	7.3	6.5	6.3	6.0	5.6	4.8	5.5	6.0	5.5	4.7	5.5	7.0	6.6	6.6	6.4	--	7.4	--
Min	2.1	1.6	0.9	1.3	1.9	1.8	1.5	0.9	0.5	0.5	0.7	1.3	1.3	1.7	2.0	1.5	1.3	0.6	0.6	0.8	1.5	1.3	1.2	0.8	--	--	0.5

SAROAD for Resolution, Far_West
"Component, Channel: Table100, WS_ms_10m"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1.5	1.8	1.9	1.6	1.9	2.8	3.1	2.6	2.0	1.0	1.4	3.9	3.6	3.4	3.5	2.9	2.6	1.8	2.0	2.8	1.8	2.3	2.2	2.6	2.4	3.9	1.0
2	3.2	2.5	1.7	2.5	2.4	2.0	2.2	1.4	0.6	1.2	1.3	1.8	2.3	2.9	4.0	4.2	5.1	4.0	2.0	1.7	3.0	3.1	1.9	3.8	2.5	5.1	0.6
3	5.6	1.9	4.2	7.2	6.1	4.9	5.4	4.6	4.8	5.2	5.1	6.9	8.6	9.9	8.8	8.8	5.7	4.6	5.4	3.9	7.1	7.0	5.3	4.6	5.9	9.9	1.9
4	3.3	1.6	1.4	2.9	5.0	3.4	3.2	5.0	6.1	7.9	4.7	2.3	1.5	1.2	2.5	2.3	2.3	1.3	1.1	0.8	2.0	2.6	3.0	2.9	2.9	7.9	0.8
5	1.5	1.6	1.0	2.3	0.8	0.8	0.9	0.7	0.7	2.0	1.3	2.6	2.6	1.8	2.2	2.3	2.8	1.8	1.5	1.2	2.6	2.3	2.9	3.0	1.8	3.0	0.7
6	2.2	2.0	2.2	2.3	1.8	0.6	2.0	2.2	1.0	1.7	1.5	1.6	1.4	2.1	2.6	2.7	3.3	2.3	0.8	1.3	2.7	3.3	3.4	2.6	2.1	3.4	0.6
7	2.9	2.7	2.4	2.1	0.9	2.2	2.3	2.0	1.7	1.1	1.6	1.8	2.0	3.6	3.4	3.6	3.6	2.2	1.7	2.9	3.1	3.3	3.4	3.6	2.5	3.6	0.9
8	3.4	3.2	1.6	1.6	3.0	4.2	4.7	1.9	6.3	7.0	9.0	8.5	7.8	6.9	5.9	6.9	6.1	4.5	2.2	3.5	3.1	2.3	1.6	2.5	4.5	9.0	1.6
9	1.7	1.6	2.4	4.5	4.4	5.9	6.6	5.5	4.9	8.1	7.1	8.6	8.1	6.5	6.2	7.3	4.9	4.4	3.0	2.1	3.2	3.6	3.8	4.3	4.9	8.6	1.6
10	4.5	2.8	3.6	5.5	7.0	7.3	8.1	8.3	8.7	8.7	8.0	10.6	8.3	5.4	6.3	6.2	6.5	4.0	3.4	5.8	4.0	3.4	4.3	3.3	6.0	10.6	2.8
11	4.7	4.5	4.9	5.1	4.0	3.3	3.4	4.2	5.0	6.2	6.0	6.0	5.9	5.0	3.8	2.7	2.5	2.4	3.6	3.7	4.0	4.1	3.9	3.7	4.3	6.2	2.4
12	3.0	4.4	4.2	4.5	5.3	4.6	4.3	3.6	4.1	6.5	7.2	6.4	4.4	3.5	2.7	2.6	3.0	2.9	3.2	3.1	3.3	3.6	3.4	4.0	4.1	7.2	2.6
13	4.2	4.8	3.8	4.3	4.6	4.1	4.6	4.4	4.9	3.9	1.9	1.8	1.8	2.2	3.5	2.9	3.1	2.3	2.0	2.4	3.0	3.0	3.4	3.5	3.3	4.9	1.8
14	3.5	3.9	3.1	2.7	2.0	1.0	1.0	0.8	0.8	2.0	1.7	2.3	1.7	1.2	1.8	2.5	2.7	2.0	1.7	2.8	3.4	3.0	3.3	2.2	2.2	3.9	0.8
15	2.9	2.7	3.7	4.1	2.7	2.1	2.1	2.8	2.2	0.7	1.5	3.3	4.5	2.4	3.8	3.9	4.5	2.2	1.0	3.3	3.1	2.1	3.3	2.7	2.8	4.5	0.7
16	2.5	3.4	3.2	3.1	2.8	2.8	1.6	2.7	2.7	2.3	4.5	5.2	3.6	2.8	3.3	2.2	2.1	1.8	1.5	0.9	2.0	2.3	3.4	3.2	2.8	5.2	0.9
17	3.1	2.8	3.0	3.0	3.6	2.8	2.2	0.9	1.5	2.9	4.1	3.4	3.1	3.6	3.3	2.4	2.2	2.0	1.0	1.4	2.8	3.1	3.1	3.5	2.7	4.1	0.9
18	2.7	2.4	3.6	3.2	0.8	3.1	3.8	4.0	3.2	2.0	3.3	2.9	1.3	1.8	1.6	1.5	2.0	2.6	3.0	2.4	2.4	2.9	2.5	0.4	2.5	4.0	0.4
19	2.6	1.6	1.6	4.5	4.5	4.4	5.1	4.5	4.8	5.7	7.6	7.3	6.5	4.9	3.8	4.0	4.1	4.7	5.2	4.9	4.7	3.9	4.9	5.0	4.6	7.6	1.6
20	4.1	5.2	4.8	3.0	2.2	2.2	2.6	2.8	1.6	1.8	1.8	1.7	3.1	3.3	4.9	5.7	5.8	5.7	2.9	2.9	1.8	2.4	2.1	2.6	3.2	5.8	1.6
21	2.7	3.2	2.8	2.9	3.5	3.4	3.3	1.7	2.3	3.5	5.4	7.5	7.4	8.7	7.0	7.3	6.2	3.9	2.1	1.7	1.6	2.0	1.9	2.0	3.9	8.7	1.6
22	2.5	2.9	3.1	3.0	2.8	3.0	3.4	3.0	1.4	0.8	1.1	1.8	2.6	2.5	2.3	2.3	2.2	2.1	1.9	2.8	3.4	2.9	3.5	3.3	2.5	3.5	0.8
23	2.4	2.7	2.1	1.9	2.6	2.1	1.0	1.1	0.9	2.2	2.6	2.8	2.5	1.6	2.2	3.0	3.2	2.1	1.8	2.6	2.7	1.9	2.5	2.6	2.2	3.2	0.9
24	2.6	2.1	3.1	2.7	2.1	1.9	4.9	3.1	4.9	5.1	7.3	8.8	7.3	6.5	5.9	5.2	5.2	4.4	3.8	4.8	5.4	7.7	8.0	7.8	5.0	8.8	1.9
25	7.0	6.6	6.1	7.2	6.7	6.3	6.1	6.0	5.4	6.2	7.8	7.6	5.9	3.9	3.5	3.7	4.8	4.6	4.5	4.0	3.6	3.7	4.8	5.1	5.5	7.8	3.5
26	4.6	3.7	4.5	4.7	5.0	5.2	5.7	4.6	3.9	5.2	6.1	8.4	7.4	5.8	3.7	2.3	3.0	2.7	2.4	1.6	1.9	2.0	1.8	2.1	4.1	8.4	1.6
27	2.7	6.0	6.5	4.9	2.6	4.0	3.1	1.8	2.5	4.1	4.0	4.8	5.8	5.5	5.8	5.5	4.9	3.7	2.7	2.6	9.1	3.8	2.3	2.0	4.2	9.1	1.8
28	2.3	2.3	1.8	2.1	2.1	2.5	2.2	2.2	2.7	2.5	2.3	3.0	2.4	3.9	3.9	2.9	1.0	2.2	2.0	1.6	1.2	1.2	1.4	0.7	2.2	3.9	0.7
29	0.9	1.5	0.5	1.1	0.5	1.4	1.3	1.0	0.7	1.5	2.5	3.4	4.8	3.4	3.0	2.5	2.9	1.7	1.1	1.9	2.7	2.9	3.7	3.7	2.1	4.8	0.5
30	3.2	4.1	3.3	2.3	2.1	3.3	2.7	2.6	2.0	3.2	1.7	2.3	2.3	2.9	4.1	3.5	3.1	1.9	1.3	0.7	2.0	2.9	2.6	2.4	2.6	4.1	0.7
Avg	3.1	3.1	3.1	3.4	3.2	3.2	3.4	3.1	3.1	3.7	4.0	4.6	4.3	4.0	4.0	3.9	3.7	3.0	2.4	2.6	3.2	3.2	3.3	3.2	3.4	--	--
Max	7.0	6.6	6.5	7.2	7.0	7.3	8.1	8.3	8.7	8.7	9.0	10.6	8.6	9.9	8.8	8.8	6.5	5.7	5.4	5.8	9.1	7.7	8.0	7.8	--	10.6	--
Min	0.9	1.5	0.5	1.1	0.5	0.6	0.9	0.7	0.6	0.7	1.1	1.6	1.3	1.2	1.6	1.5	1.0	1.3	0.8	0.7	1.2	1.2	1.4	0.4	--	--	0.4

SAROAD for Resolution, Far_West
"Component, Channel: Table100, WS_ms_10m"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2.9	2.8	3.0	2.8	2.7	2.4	1.7	1.5	0.8	1.5	0.8	1.4	1.5	1.6	2.0	1.6	2.2	0.8	1.5	1.6	2.7	3.0	2.6	2.8	2.0	3.0	0.8
2	2.7	2.4	1.2	2.2	2.3	2.4	2.3	1.9	1.8	1.7	3.0	2.4	2.2	2.9	3.5	3.7	2.9	2.6	2.7	1.2	2.1	1.8	1.0	1.6	2.3	3.7	1.0
3	2.3	2.5	2.9	2.1	2.2	3.0	4.9	3.8	5.1	2.4	3.7	6.1	3.2	2.4	3.0	3.7	4.6	4.0	3.2	3.1	4.1	5.7	3.5	2.2	3.5	6.1	2.1
4	5.6	4.8	7.4	6.9	8.5	6.0	2.8	3.1	4.0	2.2	1.7	3.4	2.6	2.2	2.1	2.0	1.8	1.5	0.9	3.1	2.8	3.0	3.4	3.5	3.6	8.5	0.9
5	3.3	2.3	2.9	2.5	2.9	1.9	3.3	3.0	1.6	1.4	3.3	2.9	2.2	2.8	2.5	2.0	2.1	2.7	2.5	2.6	2.7	2.9	2.7	3.1	2.6	3.3	1.4
6	3.2	2.9	2.8	3.3	3.8	3.5	2.7	2.1	1.9	2.7	3.7	3.6	4.3	4.6	2.6	1.9	2.1	2.3	2.6	2.6	2.2	2.9	2.9	2.8	2.9	4.6	1.9
7	2.4	2.6	2.4	3.3	3.6	3.6	3.2	3.1	1.8	2.1	1.3	2.0	2.6	2.4	2.9	2.5	2.2	1.5	1.8	1.8	1.8	2.3	2.0	1.8	2.4	3.6	1.3
8	2.9	2.8	2.4	2.7	2.2	1.6	1.9	1.9	1.3	0.7	1.2	1.6	2.9	2.7	2.8	3.0	2.6	2.3	2.0	1.9	1.8	2.6	2.5	2.6	2.2	3.0	0.7
9	2.3	2.6	2.4	2.0	2.7	3.0	2.0	2.4	2.5	2.0	2.8	1.9	1.4	1.4	0.8	1.5	2.1	2.6	1.9	2.3	2.3	2.8	2.3	1.7	2.2	3.0	0.8
10	1.9	0.9	1.4	2.2	2.4	1.3	1.9	1.8	1.4	0.5	0.7	1.6	2.2	3.0	3.2	1.1	2.1	1.9	1.8	2.4	2.3	3.1	2.7	2.6	1.9	3.2	0.5
11	2.9	2.5	3.3	3.3	2.9	3.2	2.6	2.2	2.1	1.2	1.6	3.1	2.8	3.0	2.7	2.0	1.6	0.9	1.9	2.6	3.4	3.2	2.8	2.7	2.5	3.4	0.9
12	2.9	3.6	2.9	1.3	1.5	1.8	2.7	2.7	1.5	0.9	0.7	1.1	1.4	1.7	2.2	1.7	1.8	0.6	0.8	2.1	2.6	3.2	3.1	3.0	2.0	3.6	0.6
13	2.6	2.9	3.4	3.2	3.2	2.1	2.2	2.4	1.5	1.5	0.5	1.0	1.5	1.3	1.7	1.5	1.5	0.9	2.1	2.9	3.2	3.2	3.2	3.2	2.2	3.4	0.5
14	3.5	3.4	2.3	2.3	2.3	3.0	1.6	1.2	1.7	0.7	0.9	1.5	1.2	2.2	2.3	1.8	2.0	2.0	2.2	2.9	3.2	3.1	3.3	3.7	2.3	3.7	0.7
15	3.8	3.3	2.2	2.0	1.7	3.2	2.3	1.6	2.2	1.0	0.7	1.0	1.5	1.7	1.6	1.5	1.6	1.1	2.0	2.1	2.2	2.1	1.4	1.9	1.9	3.8	0.7
16	1.5	2.7	4.4	4.2	3.2	3.1	3.5	2.7	1.7	2.2	2.3	2.4	1.9	1.5	1.7	2.4	1.2	1.2	2.5	3.7	5.4	6.6	6.5	6.1	3.1	6.6	1.2
17	8.2	8.4	8.4	8.6	7.5	5.9	6.7	5.3	4.1	3.3	2.5	2.9	2.4	1.7	1.5	2.0	1.9	1.1	2.1	2.6	3.0	3.5	3.4	3.0	4.2	8.6	1.1
18	3.2	3.4	3.8	3.6	2.3	0.7	1.0	2.0	2.0	1.1	1.3	1.9	2.6	2.4	2.6	3.6	2.9	2.4	2.9	2.5	5.4	5.5	6.5	8.5	3.1	8.5	0.7
19	9.8	9.9	10.1	8.4	7.5	7.7	7.7	6.4	7.0	7.9	7.4	8.8	6.8	6.7	5.8	5.2	5.4	4.8	4.9	5.0	5.1	4.9	5.2	4.1	6.8	10.1	4.1
20	4.7	5.7	5.3	4.9	6.1	4.5	4.9	3.5	1.1	1.3	1.8	1.8	2.6	2.7	1.8	1.7	1.7	1.9	2.7	1.6	0.9	1.8	1.6	1.9	2.9	6.1	0.9
21	2.8	1.0	1.9	2.6	2.6	1.6	1.7	2.5	3.4	1.1	0.7	1.8	2.8	1.9	1.3	2.9	3.8	2.8	1.2	2.7	3.7	4.8	4.6	3.9	2.5	4.8	0.7
22	3.5	2.7	4.1	4.5	4.5	3.2	2.9	3.5	3.7	3.0	2.9	4.0	4.7	6.0	6.9	5.3	4.3	3.6	3.6	1.8	1.6	0.7	0.5	0.9	3.4	6.9	0.5
23	0.2	0.8	0.7	0.6	1.1	1.3	1.1	1.2	0.8	0.7	0.8	0.5	1.8	1.8	1.6	2.1	1.9	1.5	2.1	1.5	2.0	2.0	2.8	2.1	1.4	2.8	0.2
24	2.2	2.0	2.5	1.9	3.3	3.1	3.1	1.7	1.8	2.2	3.5	7.3	10.3	11.3	12.5	12.0	4.2	2.7	3.2	3.6	3.0	2.7	4.1	3.3	4.5	12.5	1.7
25	2.5	1.9	2.9	1.7	1.5	2.2	1.8	2.0	1.5	2.1	3.3	3.2	3.4	2.9	2.8	2.0	1.0	1.5	2.3	2.4	2.7	2.7	2.9	2.8	2.3	3.4	1.0
26	3.0	3.1	2.9	3.4	4.0	3.4	1.8	3.0	2.7	1.3	2.2	2.4	2.5	2.3	3.0	2.7	2.7	2.4	4.3	3.0	2.5	3.0	3.2	1.1	2.7	4.3	1.1
27	0.9	3.0	2.7	1.7	1.4	2.6	1.2	2.0	0.6	1.0	1.1	1.9	2.7	2.0	2.2	1.9	1.4	1.6	1.7	3.2	3.3	2.5	1.3	0.9	1.9	3.3	0.6
28	1.5	2.6	2.5	1.9	2.5	2.7	2.7	2.7	1.2	0.4	0.7	0.8	1.3	0.7	1.0	1.5	1.2	2.6	1.8	2.0	2.7	2.5	1.6	1.2	1.8	2.7	0.4
29	2.2	2.3	2.8	2.8	1.7	1.1	1.8	1.9	2.1	1.6	2.1	1.4	1.2	1.0	5.0	5.7	5.6	3.7	4.6	4.5	3.4	3.5	3.1	3.7	2.9	5.7	1.0
30	1.7	3.2	3.3	3.1	3.4	3.4	2.6	3.5	3.1	3.7	2.6	4.0	1.6	1.9	1.4	2.4	2.8	2.2	3.1	2.5	2.2	3.3	3.4	2.1	2.8	4.0	1.4
31	1.5	1.3	1.9	2.2	2.2	2.2	2.6	2.8	2.9	2.2	2.5	2.9	2.5	3.2	2.5	2.3	1.8	1.6	2.3	2.1	2.2	2.5	2.1	2.5	2.3	3.2	1.3
Avg	3.0	3.1	3.3	3.2	3.2	2.9	2.8	2.6	2.3	1.9	2.1	2.7	2.7	2.8	2.9	2.8	2.5	2.1	2.4	2.6	2.9	3.1	3.0	2.8	2.7	--	--
Max	9.8	9.9	10.1	8.6	8.5	7.7	7.7	6.4	7.0	7.9	7.4	8.8	10.3	11.3	12.5	12.0	5.6	4.8	4.9	5.0	5.4	6.6	6.5	8.5	--	12.5	--
Min	0.2	0.8	0.7	0.6	1.1	0.7	1.0	1.2	0.6	0.4	0.5	0.5	1.2	0.7	0.8	1.1	1.0	0.6	0.8	1.2	0.9	0.7	0.5	0.9	--	--	0.2

Appendix B – PM_{10} and $PM_{2.5}$ Data: Hourly

SAROAD for Resolution, East_Plant
"Component, Channel: Table125, conc_PM10"
Month: Oct 2016

Hour of day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.0	5.0	7.0	4.0	2.0	2.0	2.0	5.0	9.0	6.0	0.0	4.0	6.0	2.0	2.0	6.0	7.0	8.0	8.0	7.0	7.0	6.0	5.0	3.0	4.8	9.0	0.0
2	2.0	4.0	6.0	6.0	5.0	4.0	5.0	10.0	8.0	5.0	5.0	6.0	4.0	3.0	6.0	5.0	3.0	7.0	6.0	3.0	3.0	4.0	4.0	3.0	4.9	10.0	2.0
3	2.0	4.0	6.0	5.0	2.0	2.0	3.0	7.0	6.0	2.0	3.0	5.0	5.0	8.0	21.0	12.0	12.0	15.0	18.0	22.0	13.0	12.0	11.0	13.0	8.7	22.0	2.0
4	14.0	11.0	17.0	20.0	20.0	23.0	20.0	16.0	26.0	22.0	19.0	16.0	16.0	15.0	24.0	11.0	19.0	18.0	16.0	13.0	17.0	9.0	16.0	14.0	17.2	26.0	9.0
5	13.0	11.0	11.0	17.0	12.0	13.0	19.0	17.0	11.0	20.0	19.0	16.0	8.0	16.0	9.0	9.0	9.0	9.0	11.0	12.0	11.0	10.0	12.0	14.0	12.9	20.0	8.0
6	13.0	17.0	11.0	11.0	11.0	12.0	11.0	17.0	15.0	14.0	12.0	12.0	12.0	12.0	15.0	13.0	19.0	14.0	18.0	18.0	17.0	16.0	15.0	14.0	14.1	19.0	11.0
7	14.0	14.0	10.0	9.0	8.0	7.0	9.0	9.0	18.0	16.0	14.0	18.0	12.0	13.0	22.0	10.0	11.0	19.0	21.0	23.0	28.0	27.0	30.0	27.0	16.2	30.0	7.0
8	21.0	21.0	29.0	27.0	18.0	19.0	14.0	13.0	14.0	16.0	15.0	11.0	8.0	8.0	8.0	7.0	8.0	11.0	11.0	10.0	6.0	2.0	5.0	5.0	12.8	29.0	2.0
9	2.0	5.0	6.0	4.0	5.0	5.0	5.0	6.0	4.0	4.0	3.0	6.0	6.0	5.0	8.0	11.0	7.0	3.0	5.0	6.0	7.0	9.0	11.0	10.0	6.0	11.0	2.0
10	5.0	5.0	7.0	5.0	6.0	6.0	6.0	7.0	6.0	6.0	4.0	5.0	7.0	5.0	3.0	6.0	10.0	12.0	11.0	9.0	10.0	8.0	9.0	8.0	6.9	12.0	3.0
11	6.0	6.0	7.0	10.0	11.0	10.0	10.0	8.0	8.0	5.0	3.0	4.0	5.0	6.0	10.0	14.0	18.0	13.0	13.0	12.0	12.0	10.0	10.0	15.0	9.4	18.0	3.0
12	14.0	14.0	11.0	11.0	16.0	5.0	4.0	9.0	20.0	6.0	8.0	7.0	6.0	8.0	10.0	9.0	9.0	9.0	11.0	15.0	15.0	12.0	10.0	11.0	10.4	20.0	4.0
13	9.0	5.0	3.0	6.0	5.0	2.0	4.0	16.0	13.0	14.0	12.0	10.0	9.0	9.0	9.0	8.0	10.0	10.0	12.0	12.0	15.0	10.0	11.0	9.0	9.3	16.0	2.0
14	6.0	3.0	3.0	3.0	6.0	5.0	4.0	8.0	17.0	5.0	8.0	10.0	6.0	8.0	10.0	7.0	3.0	6.0	12.0	8.0	6.0	9.0	10.0	10.0	7.2	17.0	3.0
15	9.0	8.0	9.0	9.0	7.0	8.0	8.0	7.0	8.0	10.0	12.0	10.0	7.0	7.0	9.0	16.0	15.0	16.0	13.0	17.0	14.0	11.0	9.0	9.0	10.3	17.0	7.0
16	8.0	9.0	12.0	11.0	8.0	6.0	6.0	8.0	11.0	15.0	8.0	6.0	8.0	11.0	9.0	10.0	12.0	11.0	11.0	13.0	16.0	5.0	6.0	8.0	9.5	16.0	5.0
17	8.0	8.0	8.0	7.0	7.0	6.0	8.0	13.0	17.0	13.0	12.0	10.0	11.0	11.0	9.0	9.0	10.0	10.0	10.0	12.0	13.0	12.0	16.0	7.0	10.3	17.0	6.0
18	9.0	9.0	7.0	7.0	6.0	4.0	6.0	16.0	23.0	13.0	13.0	9.0	7.0	8.0	6.0	16.0	8.0	18.0	16.0	16.0	11.0	10.0	9.0	15.0	10.9	23.0	4.0
19	9.0	11.0	12.0	12.0	13.0	11.0	16.0	13.0	--	21.0	18.0	9.0	10.0	11.0	8.0	18.0	13.0	14.0	15.0	9.0	20.0	16.0	40.0	34.0	15.3	40.0	8.0
20	21.0	9.0	10.0	8.0	6.0	7.0	8.0	11.0	17.0	21.0	15.0	56.0	41.0	32.0	47.0	46.0	40.0	45.0	38.0	37.0	34.0	41.0	33.0	39.0	27.6	56.0	6.0
21	32.0	30.0	25.0	31.0	33.0	29.0	29.0	30.0	30.0	30.0	25.0	25.0	23.0	24.0	28.0	13.0	20.0	26.0	20.0	15.0	14.0	12.0	12.0	14.0	23.7	33.0	12.0
22	16.0	22.0	23.0	21.0	20.0	25.0	17.0	22.0	28.0	19.0	24.0	17.0	16.0	12.0	13.0	15.0	17.0	23.0	19.0	21.0	22.0	19.0	17.0	14.0	19.3	28.0	12.0
23	14.0	13.0	12.0	12.0	18.0	12.0	13.0	16.0	31.0	22.0	21.0	21.0	17.0	6.0	9.0	10.0	9.0	11.0	12.0	12.0	11.0	9.0	11.0	12.0	13.9	31.0	6.0
24	12.0	12.0	12.0	13.0	12.0	12.0	14.0	14.0	20.0	26.0	12.0	19.0	21.0	16.0	15.0	17.0	15.0	15.0	13.0	17.0	46.0	11.0	9.0	7.0	15.8	46.0	7.0
25	8.0	8.0	8.0	8.0	11.0	10.0	11.0	13.0	10.0	8.0	9.0	7.0	7.0	8.0	7.0	7.0	6.0	7.0	9.0	10.0	9.0	8.0	8.0	7.0	8.5	13.0	6.0
26	8.0	8.0	8.0	8.0	7.0	6.0	7.0	8.0	8.0	9.0	9.0	10.0	8.0	4.0	3.0	5.0	6.0	6.0	6.0	7.0	6.0	8.0	7.0	6.0	7.0	10.0	3.0
27	6.0	6.0	7.0	5.0	5.0	9.0	9.0	8.0	8.0	6.0	18.0	16.0	10.0	9.0	6.0	6.0	10.0	13.0	12.0	11.0	10.0	9.0	9.0	9.0	9.0	18.0	5.0
28	13.0	11.0	7.0	10.0	12.0	11.0	13.0	9.0	7.0	--	--	9.0	9.0	10.0	9.0	6.0	7.0	9.0	9.0	10.0	13.0	13.0	14.0	13.0	10.2	14.0	6.0
29	13.0	12.0	8.0	4.0	3.0	5.0	3.0	3.0	4.0	7.0	7.0	6.0	7.0	7.0	7.0	6.0	6.0	7.0	5.0	4.0	4.0	3.0	3.0	4.0	5.8	13.0	3.0
30	5.0	3.0	3.0	3.0	2.0	4.0	7.0	7.0	9.0	8.0	6.0	6.0	6.0	6.0	7.0	11.0	13.0	10.0	9.0	9.0	8.0	8.0	9.0	9.0	7.0	13.0	2.0
31	7.0	6.0	6.0	5.0	4.0	4.0	7.0	9.0	9.0	9.0	8.0	9.0	9.0	6.0	2.0	6.0	11.0	12.0	14.0	14.0	13.0	12.0	13.0	13.0	8.7	14.0	2.0
Avg	10.4	10.0	10.0	10.1	9.7	9.2	9.6	11.5	13.8	12.6	11.4	12.1	10.5	9.9	11.3	11.1	11.7	13.1	13.0	13.0	13.9	11.3	12.4	12.1	11.4	--	--
Max	32.0	30.0	29.0	31.0	33.0	29.0	29.0	30.0	31.0	30.0	25.0	56.0	41.0	32.0	47.0	46.0	40.0	45.0	38.0	37.0	46.0	41.0	40.0	39.0	--	56.0	--
Min	2.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	4.0	2.0	0.0	4.0	4.0	2.0	2.0	5.0	3.0	3.0	5.0	3.0	3.0	2.0	3.0	3.0	--	--	0.0

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table125, conc_PM10"
Month: Nov 2016

Hour of day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	14.0	13.0	12.0	9.0	9.0	12.0	10.0	8.0	10.0	8.0	9.0	11.0	9.0	7.0	9.0	20.0	24.0	22.0	16.0	9.0	12.0	17.0	12.0	17.0	12.5	24.0	7.0
2	15.0	9.0	10.0	11.0	9.0	10.0	13.0	20.0	14.0	16.0	19.0	9.0	6.0	6.0	10.0	8.0	7.0	23.0	22.0	18.0	25.0	-2.0	2.0	7.0	12.0	25.0	-2.0
3	5.0	4.0	6.0	3.0	2.0	4.0	3.0	3.0	4.0	5.0	6.0	5.0	4.0	7.0	12.0	24.0	44.0	11.0	10.0	8.0	8.0	8.0	6.0	4.0	8.2	44.0	2.0
4	3.0	3.0	3.0	2.0	2.0	2.0	1.0	2.0	4.0	4.0	3.0	2.0	3.0	5.0	5.0	6.0	5.0	4.0	4.0	6.0	6.0	2.0	1.0	1.0	3.3	6.0	1.0
5	0.0	0.0	0.0	1.0	1.0	3.0	3.0	3.0	5.0	3.0	4.0	5.0	4.0	5.0	7.0	7.0	6.0	7.0	8.0	7.0	7.0	7.0	6.0	6.0	4.4	8.0	0.0
6	4.0	3.0	3.0	4.0	5.0	5.0	5.0	3.0	4.0	6.0	5.0	2.0	3.0	7.0	5.0	6.0	7.0	7.0	7.0	5.0	6.0	6.0	4.0	2.0	4.8	7.0	2.0
7	0.0	3.0	4.0	4.0	8.0	6.0	4.0	6.0	8.0	7.0	5.0	6.0	6.0	7.0	10.0	10.0	6.0	7.0	10.0	5.0	4.0	7.0	7.0	7.0	6.1	10.0	0.0
8	4.0	2.0	4.0	7.0	8.0	4.0	4.0	4.0	6.0	11.0	9.0	8.0	9.0	7.0	5.0	8.0	10.0	10.0	7.0	8.0	17.0	6.0	6.0	6.0	7.1	17.0	2.0
9	6.0	6.0	2.0	4.0	12.0	10.0	6.0	5.0	6.0	9.0	8.0	7.0	6.0	18.0	15.0	8.0	2.0	3.0	4.0	3.0	5.0	6.0	4.0	3.0	6.6	18.0	2.0
10	3.0	5.0	6.0	6.0	5.0	4.0	4.0	2.0	2.0	3.0	2.0	4.0	3.0	2.0	2.0	2.0	5.0	6.0	4.0	3.0	6.0	6.0	4.0	4.0	3.9	6.0	2.0
11	3.0	1.0	2.0	3.0	4.0	8.0	7.0	6.0	10.0	9.0	8.0	9.0	6.0	4.0	4.0	8.0	9.0	5.0	6.0	3.0	1.0	4.0	3.0	2.0	5.2	10.0	1.0
12	1.0	2.0	4.0	4.0	3.0	6.0	5.0	5.0	6.0	8.0	9.0	6.0	4.0	3.0	5.0	5.0	5.0	7.0	7.0	3.0	2.0	5.0	4.0	5.0	4.8	9.0	1.0
13	3.0	4.0	5.0	4.0	6.0	8.0	7.0	4.0	3.0	10.0	12.0	9.0	6.0	5.0	5.0	8.0	12.0	10.0	10.0	12.0	12.0	11.0	8.0	6.0	7.5	12.0	3.0
14	6.0	4.0	4.0	2.0	2.0	5.0	8.0	10.0	9.0	19.0	5.0	5.0	10.0	8.0	6.0	8.0	9.0	11.0	10.0	12.0	10.0	6.0	5.0	4.0	7.4	19.0	2.0
15	5.0	4.0	2.0	6.0	7.0	3.0	2.0	6.0	8.0	9.0	11.0	12.0	10.0	8.0	6.0	8.0	10.0	10.0	12.0	10.0	7.0	6.0	6.0	6.0	7.3	12.0	2.0
16	6.0	4.0	3.0	4.0	5.0	6.0	7.0	7.0	6.0	6.0	9.0	11.0	6.0	6.0	8.0	7.0	10.0	16.0	16.0	16.0	16.0	9.0	8.0	9.0	8.4	16.0	3.0
17	9.0	9.0	9.0	8.0	11.0	16.0	35.0	50.0	73.0	83.0	93.0	48.0	49.0	63.0	96.0	45.0	39.0	31.0	36.0	31.0	22.0	26.0	20.0	28.0	38.8	96.0	8.0
18	16.0	13.0	9.0	6.0	4.0	3.0	4.0	3.0	5.0	6.0	5.0	6.0	6.0	5.0	7.0	11.0	11.0	11.0	10.0	16.0	16.0	18.0	19.0	19.0	9.5	19.0	3.0
19	9.0	11.0	10.0	9.0	16.0	18.0	19.0	23.0	24.0	26.0	23.0	27.0	21.0	26.0	16.0	16.0	17.0	19.0	17.0	18.0	20.0	12.0	11.0	17.0	17.7	27.0	9.0
20	14.0	15.0	7.0	11.0	13.0	17.0	14.0	13.0	16.0	14.0	15.0	15.0	15.0	16.0	13.0	10.0	9.0	17.0	17.0	16.0	16.0	13.0	12.0	17.0	14.0	17.0	7.0
21	9.0	6.0	5.0	5.0	3.0	4.0	5.0	3.0	2.0	5.0	4.0	1.0	24.0	32.0	6.0	6.0	9.0	25.0	15.0	10.0	3.0	5.0	4.0	2.0	8.0	32.0	1.0
22	4.0	5.0	6.0	6.0	2.0	3.0	7.0	3.0	-1.0	2.0	4.0	5.0	6.0	5.0	5.0	5.0	5.0	9.0	10.0	7.0	7.0	5.0	2.0	4.0	4.8	10.0	-1.0
23	5.0	4.0	2.0	0.0	1.0	5.0	6.0	3.0	3.0	5.0	--	4.0	4.0	2.0	4.0	7.0	5.0	5.0	6.0	5.0	5.0	3.0	3.0	6.0	4.0	7.0	0.0
24	6.0	2.0	3.0	5.0	45.0	49.0	79.0	80.0	37.0	28.0	34.0	17.0	10.0	7.0	5.0	6.0	6.0	7.0	8.0	7.0	6.0	4.0	1.0	1.0	18.9	80.0	1.0
25	1.0	2.0	3.0	4.0	6.0	9.0	9.0	5.0	7.0	15.0	3.0	5.0	9.0	15.0	13.0	10.0	10.0	16.0	12.0	12.0	9.0	9.0	11.0	12.0	8.6	16.0	1.0
26	13.0	12.0	12.0	12.0	16.0	17.0	12.0	12.0	10.0	10.0	11.0	10.0	9.0	6.0	6.0	8.0	11.0	10.0	9.0	9.0	10.0	11.0	11.0	12.0	10.8	17.0	6.0
27	10.0	23.0	150.0	34.0	72.0	15.0	14.0	10.0	6.0	10.0	26.0	12.0	8.0	16.0	6.0	8.0	11.0	19.0	11.0	12.0	10.0	4.0	-1.0	2.0	20.3	150.0	-1.0
28	4.0	2.0	0.0	18.0	19.0	19.0	17.0	16.0	20.0	18.0	17.0	17.0	24.0	22.0	17.0	11.0	10.0	7.0	7.0	8.0	7.0	8.0	8.0	6.0	12.6	24.0	0.0
29	4.0	6.0	9.0	8.0	6.0	6.0	9.0	9.0	7.0	7.0	7.0	3.0	2.0	6.0	4.0	2.0	3.0	2.0	1.0	0.0	1.0	2.0	2.0	0.0	4.4	9.0	0.0
30	1.0	1.0	1.0	1.0	2.0	3.0	1.0	-1.0	3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.0	-1.0
Avg	6.1	5.9	9.9	6.7	10.1	9.3	10.7	10.8	10.6	12.5	13.1	9.7	9.7	11.2	10.8	9.9	10.9	11.6	10.8	9.6	9.5	7.7	6.5	7.4	9.7	--	--
Max	16.0	23.0	150.0	34.0	72.0	49.0	79.0	80.0	73.0	83.0	93.0	48.0	49.0	63.0	96.0	45.0	44.0	31.0	36.0	31.0	25.0	26.0	20.0	28.0	--	150.0	--
Min	0.0	0.0	0.0	0.0	1.0	2.0	1.0	-1.0	-1.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.0	1.0	-2.0	-1.0	0.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table125, conc_PM10"
Month: Dec 2016

Hour of day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Max	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Min	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table125, East_Plant_conc_PM10_STP"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.4	5.7	7.9	4.5	2.3	2.3	2.3	5.7	10.3	6.9	0.0	4.6	7.0	2.3	2.3	7.0	8.2	9.3	9.3	8.1	8.0	6.9	5.7	3.4	5.6	10.3	0.0
2	2.3	4.6	6.8	6.8	5.7	4.5	5.7	11.3	9.1	5.8	5.8	7.0	4.6	3.5	6.9	5.7	3.4	7.9	6.8	3.4	3.4	4.5	4.6	3.4	5.6	11.3	2.3
3	2.3	4.6	6.9	5.7	2.3	2.3	3.4	7.9	6.8	2.3	3.4	5.7	5.8	9.2	24.2	13.8	13.8	17.2	20.6	25.1	14.8	13.6	12.5	14.7	10.0	25.1	2.3
4	15.8	12.3	19.1	22.4	22.4	25.7	22.3	18.0	29.5	25.1	21.7	18.3	18.4	17.3	27.7	12.7	21.9	20.7	18.3	14.8	19.3	10.2	18.1	15.8	19.5	29.5	10.2
5	14.7	12.4	12.4	19.1	13.5	14.6	21.4	19.2	12.5	22.9	21.9	18.5	9.3	18.6	10.5	10.5	10.4	10.4	12.7	13.8	12.6	11.4	13.7	15.9	14.7	22.9	9.3
6	14.9	19.3	12.4	12.4	12.4	13.6	12.4	19.2	17.1	16.0	13.8	13.8	13.9	13.9	17.4	15.1	22.0	16.2	20.7	20.7	19.5	18.2	17.0	15.9	16.2	22.0	12.4
7	15.8	15.8	11.3	10.1	9.0	7.9	10.1	10.2	20.6	18.4	16.2	20.9	14.1	15.3	25.9	11.8	12.9	22.2	24.4	26.6	32.4	31.1	34.4	30.9	18.7	34.4	7.9
8	24.0	23.9	33.0	30.7	20.5	21.6	15.9	14.8	16.0	18.5	17.4	12.8	9.3	9.4	9.4	8.2	9.4	12.8	12.8	11.4	6.8	2.3	5.7	5.7	14.7	33.0	2.3
9	2.3	5.7	6.8	4.5	5.6	5.6	5.6	6.8	4.5	4.6	3.4	6.9	7.0	5.8	9.3	12.9	8.2	3.5	5.8	6.9	8.0	10.3	12.6	11.4	6.8	12.9	2.3
10	5.7	5.7	7.9	5.7	6.8	6.8	6.8	8.0	6.9	6.9	4.6	5.8	8.2	5.9	3.5	7.0	11.7	14.0	12.7	10.4	11.5	9.2	10.3	9.2	8.0	14.0	3.5
11	6.9	6.9	8.0	11.4	12.5	11.4	11.3	9.1	9.2	5.8	3.5	4.7	5.8	7.0	11.7	16.4	21.1	15.2	15.1	13.9	13.8	11.5	11.5	17.1	10.9	21.1	3.5
12	16.0	16.0	12.5	12.5	18.1	5.7	4.5	10.2	22.8	6.9	9.3	8.2	7.0	9.4	11.7	10.5	10.5	10.5	12.7	17.2	17.2	13.7	11.4	12.5	12.0	22.8	4.5
13	10.3	5.7	3.4	6.8	5.7	2.3	4.5	18.1	14.8	16.1	13.8	11.6	10.5	10.5	10.5	9.3	11.7	11.6	13.9	13.8	17.2	11.4	12.5	10.3	10.7	18.1	2.3
14	6.8	3.4	3.4	3.4	6.8	5.6	4.5	9.1	19.5	5.8	9.3	11.7	7.0	9.4	11.8	8.2	3.5	7.0	14.0	9.3	6.9	10.4	11.5	11.5	8.3	19.5	3.4
15	10.3	9.2	10.3	10.3	8.0	9.1	9.1	8.0	9.2	11.6	14.0	11.7	8.2	8.2	10.6	18.8	17.6	18.7	15.1	19.6	16.1	12.7	10.4	10.4	11.9	19.6	8.0
16	9.2	10.3	13.7	12.5	9.1	6.8	6.8	9.1	12.6	17.3	9.3	7.0	9.3	12.9	10.5	11.7	14.0	12.8	12.7	15.0	18.4	5.7	6.9	9.2	10.9	18.4	5.7
17	9.2	9.2	9.2	8.0	8.0	6.8	9.1	14.8	19.5	15.0	13.9	11.6	12.8	12.8	10.5	10.5	11.7	11.6	11.6	13.8	14.9	13.7	18.3	8.0	11.9	19.5	6.8
18	10.3	10.2	8.0	8.0	6.8	4.5	6.8	18.1	26.3	15.0	15.0	10.4	8.2	9.3	7.0	18.7	9.3	20.9	18.5	18.4	12.6	11.4	10.3	17.2	12.6	26.3	4.5
19	10.3	12.6	13.7	13.6	14.7	12.4	17.9	14.7	--	24.1	20.8	10.4	11.7	12.8	9.4	21.1	15.2	16.3	17.3	10.3	22.9	18.3	45.7	38.8	17.6	45.7	9.4
20	23.9	10.2	11.4	9.1	6.8	7.9	9.0	12.5	19.3	23.9	17.3	64.9	47.7	37.4	55.0	53.8	46.6	52.0	43.6	42.3	38.8	46.7	37.5	44.3	31.8	64.9	6.8
21	36.2	33.9	28.2	35.0	37.2	32.6	32.6	33.9	34.1	34.2	28.7	28.9	26.7	28.0	32.8	15.3	23.5	30.3	23.2	17.3	16.1	13.7	13.7	16.0	27.2	37.2	13.7
22	18.2	25.1	26.3	24.0	22.8	28.5	19.3	25.1	32.2	22.0	28.0	19.9	18.8	14.2	15.4	17.7	20.0	27.0	22.2	24.4	25.6	22.1	19.6	16.2	22.3	32.2	14.2
23	16.2	15.0	13.8	13.7	20.5	13.6	14.8	18.2	35.6	25.5	24.4	24.4	19.8	7.0	10.5	11.7	10.5	12.8	13.9	13.9	12.7	10.3	12.6	13.8	16.0	35.6	7.0
24	13.7	13.7	13.7	14.8	13.7	13.6	15.8	15.9	22.9	30.0	13.9	22.0	24.4	18.6	17.4	19.7	17.4	17.3	15.0	19.6	52.2	12.5	10.2	8.0	18.2	52.2	8.0
25	9.1	9.1	9.1	9.1	12.4	11.2	12.3	14.7	11.4	9.2	10.4	8.1	8.1	9.3	8.1	8.1	7.0	8.1	10.4	11.4	10.3	9.1	9.1	8.0	9.7	14.7	7.0
26	9.1	9.1	9.0	9.0	7.9	6.7	7.9	9.0	9.1	10.3	10.4	11.6	9.4	4.7	3.5	5.9	7.0	7.0	6.9	8.1	6.9	9.2	8.0	6.9	8.0	11.6	3.5
27	6.9	6.9	8.0	5.7	5.7	10.3	10.3	9.1	9.2	6.9	20.9	18.7	11.7	10.6	7.1	7.1	11.8	15.2	14.0	12.8	11.6	10.4	10.4	10.4	10.5	20.9	5.7
28	15.1	12.7	8.1	11.5	13.8	12.6	14.8	10.3	8.1	--	--	10.5	10.5	11.7	10.5	7.0	8.2	10.5	10.5	11.6	15.0	14.9	16.1	14.9	11.8	16.1	7.0
29	14.9	13.7	9.1	4.6	3.4	5.7	3.4	3.4	4.6	8.1	8.1	7.0	8.2	8.2	8.2	7.0	7.0	8.1	5.8	4.6	4.6	3.4	3.4	4.6	6.6	14.9	3.4
30	5.7	3.4	3.4	3.4	2.3	4.5	7.9	7.9	10.3	9.2	7.0	7.0	7.0	7.0	8.2	12.8	15.1	11.6	10.4	10.3	9.2	9.2	10.3	10.3	8.1	15.1	2.3
31	8.0	6.9	6.9	5.7	4.6	4.6	8.0	10.2	10.3	10.3	9.2	10.4	10.4	6.9	2.3	6.9	12.7	13.8	16.0	16.0	14.9	13.7	14.8	14.8	9.9	16.0	2.3
Avg	11.8	11.4	11.4	11.4	11.0	10.4	10.9	13.0	15.8	14.5	13.2	14.0	12.3	11.5	13.2	13.0	13.6	15.2	15.1	15.0	15.9	13.0	14.2	13.8	13.1	--	--
Max	36.2	33.9	33.0	35.0	37.2	32.6	32.6	33.9	35.6	34.2	28.7	64.9	47.7	37.4	55.0	53.8	46.6	52.0	43.6	42.3	52.2	46.7	45.7	44.3	--	64.9	--
Min	2.3	3.4	3.4	3.4	2.3	2.3	2.3	3.4	4.5	2.3	0.0	4.6	4.6	2.3	2.3	5.7	3.4	3.5	5.8	3.4	3.4	2.3	3.4	3.4	--	--	0.0

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table125, East_Plant_conc_PM10_STP"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	15.8	14.7	13.5	10.1	10.1	13.4	11.2	9.0	11.2	9.1	10.3	12.6	10.3	8.0	10.3	22.9	27.4	25.0	18.2	10.2	13.5	19.2	13.5	19.1	14.1	27.4	8.0
2	16.8	10.1	11.2	12.3	10.0	11.2	14.5	22.4	15.8	18.2	21.7	10.3	6.9	6.9	11.6	9.3	8.1	26.3	25.1	20.4	28.3	-2.3	2.3	7.9	13.5	28.3	-2.3
3	5.6	4.5	6.7	3.4	2.2	4.5	3.3	3.3	4.5	5.6	6.8	5.6	4.5	8.0	13.7	27.5	49.9	12.3	11.1	8.9	8.9	8.9	6.7	4.5	9.2	49.9	2.2
4	3.3	3.3	3.3	2.2	2.2	2.2	1.1	2.2	4.4	4.4	3.3	2.2	3.4	5.7	5.7	6.8	5.7	4.5	4.5	6.7	6.7	2.2	1.1	1.1	3.7	6.8	1.1
5	0.0	0.0	0.0	1.1	1.1	3.3	3.3	3.3	5.6	3.4	4.5	5.7	4.6	5.7	8.0	8.0	6.8	7.9	9.0	7.9	7.9	7.8	6.7	6.7	4.9	9.0	0.0
6	4.5	3.4	3.4	4.5	5.6	5.6	5.6	3.3	4.5	6.8	5.7	2.3	3.4	8.0	5.7	6.9	8.0	8.0	7.9	5.6	6.7	6.7	4.5	2.3	5.4	8.0	2.3
7	0.0	3.4	4.5	4.5	9.0	6.7	4.5	6.7	9.0	7.9	5.7	6.9	6.9	8.0	11.5	11.5	6.9	8.0	11.3	5.6	4.5	7.9	7.9	7.9	6.9	11.5	0.0
8	4.5	2.3	4.5	7.9	9.0	4.5	4.5	4.5	6.8	12.5	10.3	9.2	10.3	8.0	5.7	9.2	11.4	11.4	7.9	9.1	19.2	6.8	6.8	6.8	8.0	19.2	2.3
9	6.7	6.7	2.3	4.5	13.5	11.2	6.7	5.6	6.7	10.1	9.0	7.9	6.8	20.5	17.1	9.1	2.3	3.4	4.5	3.4	5.6	6.7	4.5	3.3	7.4	20.5	2.3
10	3.3	5.5	6.6	6.6	5.5	4.4	4.4	2.2	2.2	3.4	2.2	4.5	3.4	2.3	2.3	2.3	5.7	6.8	4.5	3.4	6.7	6.7	4.5	4.4	4.3	6.8	2.2
11	3.3	1.1	2.2	3.3	4.4	8.8	7.7	6.6	11.1	10.1	9.0	10.2	6.8	4.5	4.6	9.1	10.2	5.6	6.7	3.4	1.1	4.5	3.3	2.2	5.8	11.1	1.1
12	1.1	2.2	4.4	4.4	3.3	6.6	5.5	5.5	6.7	9.0	10.1	6.8	4.5	3.4	5.7	5.7	5.7	7.9	7.9	3.4	2.2	5.6	4.5	5.6	5.3	10.1	1.1
13	3.3	4.4	5.6	4.5	6.7	8.9	7.7	4.5	3.4	11.2	13.5	10.2	6.9	5.7	5.8	9.2	13.7	11.4	11.3	13.5	13.5	12.3	9.0	6.7	8.5	13.7	3.3
14	6.7	4.5	4.5	2.2	2.2	5.6	8.9	11.1	10.1	21.4	5.7	5.7	11.4	9.2	6.9	9.2	10.3	12.5	11.4	13.5	11.3	6.8	5.6	4.5	8.4	21.4	2.2
15	5.6	4.5	2.2	6.7	7.8	3.4	2.2	6.7	9.0	10.2	12.5	13.8	11.5	9.3	7.0	9.3	11.6	11.5	13.7	11.4	8.0	6.8	6.8	6.8	8.3	13.8	2.2
16	6.8	4.5	3.4	4.5	5.6	6.8	7.9	7.9	6.8	6.9	10.3	12.7	6.9	6.9	9.2	8.1	11.5	18.4	18.3	18.4	18.3	10.3	9.2	10.3	9.6	18.4	3.4
17	10.3	10.3	10.2	9.1	12.5	18.0	39.1	55.6	81.0	92.2	104.0	53.6	54.9	70.8	108.0	50.5	43.7	34.6	40.0	34.3	24.3	28.6	22.0	30.8	43.2	108.0	9.1
18	17.5	14.3	9.9	6.6	4.4	3.3	4.4	3.3	5.5	6.6	5.5	6.7	6.7	5.6	7.9	12.4	12.4	12.3	11.2	17.8	17.8	20.1	21.2	21.1	10.6	21.2	3.3
19	10.0	12.2	11.1	10.0	17.7	19.8	20.9	25.3	26.5	28.8	25.7	30.3	23.7	29.5	18.2	18.2	19.2	21.3	19.0	20.2	22.4	13.4	12.3	19.0	19.8	30.3	10.0
20	15.6	16.7	7.8	12.3	14.5	18.9	15.5	14.4	17.8	15.7	16.8	16.9	16.9	18.1	14.7	11.3	10.2	19.2	19.1	18.0	18.0	14.6	13.5	19.1	15.6	19.2	7.8
21	10.1	6.7	5.6	5.6	3.3	4.5	5.6	3.3	2.2	5.6	4.5	1.1	26.9	35.7	6.7	6.7	10.0	27.8	16.6	11.1	3.3	5.5	4.4	2.2	9.0	35.7	1.1
22	4.4	5.5	6.6	6.5	2.2	3.3	7.6	3.3	-1.1	2.2	4.4	5.6	6.7	5.6	5.6	5.6	5.6	10.0	11.1	7.7	7.7	5.5	2.2	4.4	5.3	11.1	-1.1
23	5.5	4.4	2.2	0.0	1.1	5.5	6.6	3.3	3.3	5.5	--	4.5	4.5	2.3	4.5	7.9	5.6	5.6	6.7	5.5	5.5	3.3	3.3	6.6	4.5	7.9	0.0
24	6.6	2.2	3.3	5.5	49.9	54.3	87.4	88.3	40.9	31.0	37.8	19.0	11.2	7.9	5.7	6.8	6.8	7.9	8.9	7.8	6.7	4.4	1.1	1.1	20.9	88.3	1.1
25	1.1	2.2	3.3	4.4	6.6	9.9	9.9	5.5	7.7	16.6	3.3	5.6	10.1	16.9	14.7	11.3	11.2	17.9	13.4	13.3	10.0	10.0	12.2	13.3	9.6	17.9	1.1
26	14.4	13.2	13.3	13.2	17.6	18.7	13.2	13.2	11.0	11.1	12.2	11.2	10.1	6.8	6.8	9.0	12.4	11.2	10.1	10.1	11.2	12.3	12.3	13.4	12.0	18.7	6.8
27	11.1	25.6	166.0	37.4	78.8	16.3	15.2	10.9	6.5	10.9	28.5	13.2	8.8	17.6	6.6	8.8	12.1	21.0	12.1	13.2	10.9	4.3	-1.1	2.2	22.4	166.0	-1.1
28	4.3	2.2	0.0	19.5	20.6	20.6	18.4	17.3	21.7	19.5	18.5	18.6	26.3	24.2	18.7	12.1	11.0	7.7	7.7	8.8	7.7	8.8	8.8	6.6	13.7	26.3	0.0
29	4.4	6.6	9.8	8.7	6.5	6.5	9.8	9.8	7.6	7.6	7.6	3.3	2.2	6.6	4.4	2.2	3.3	2.2	1.1	0.0	1.1	2.2	2.2	0.0	4.8	9.8	0.0
30	1.1	1.1	1.1	1.1	2.2	3.2	1.1	-1.1	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.2	-1.1
Avg	6.8	6.6	10.9	7.4	11.2	10.3	11.8	11.9	11.7	13.9	14.6	10.9	11.0	12.7	12.2	11.3	12.4	13.1	12.1	10.8	10.7	8.6	7.3	8.3	10.9	--	--
Max	17.5	25.6	166.0	37.4	78.8	54.3	87.4	88.3	81.0	92.2	104.0	53.6	54.9	70.8	108.0	50.5	49.9	34.6	40.0	34.3	28.3	28.6	22.0	30.8	--	166.0	--
Min	0.0	0.0	0.0	0.0	1.1	2.2	1.1	-1.1	-1.1	2.2	2.2	1.1	2.2	2.3	2.3	2.2	2.3	2.2	1.1	0.0	1.1	-2.3	-1.1	0.0	--	--	-2.3

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table125, East_Plant_conc_PM10_STP"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Max	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Min	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table126, conc_PM25"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1	1	1	2	1	-1	0	2	4	1	-1	0	1	0	-2	-2	-1	0	0	0	1	3	4	3	0.75	4	-2
2	1	0	2	4	4	3	2	4	5	2	-2	0	2	2	1	1	1	3	4	-1	-2	2	1	0	1.63	5	-2
3	0	1	3	3	1	0	3	2	1	1	0	-1	0	2	2	2	2	1	3	5	4	3	4	4	1.92	5	-1
4	2	3	2	0	2	2	1	2	2	2	1	2	5	4	5	3	2	1	2	3	2	2	2	1	2.21	5	0
5	-1	1	4	2	1	3	4	3	2	1	4	4	2	1	1	3	1	1	0	0	4	4	3	1	2.04	4	-1
6	1	1	1	2	3	3	3	4	2	1	2	4	1	0	1	1	2	2	4	6	3	2	3	2	2.25	6	0
7	4	4	2	2	1	2	3	4	1	2	5	2	-1	1	4	2	0	2	3	4	5	4	3	4	2.63	5	-1
8	2	3	6	7	5	4	3	4	4	3	2	1	2	3	2	3	4	3	3	1	1	3	2	0	2.96	7	0
9	0	-2	0	-1	1	5	4	3	3	1	-2	1	3	2	0	0	0	2	2	1	2	2	3	3	1.38	5	-2
10	1	4	5	5	5	5	4	4	5	3	2	3	4	5	3	0	0	1	1	1	1	1	3	2	2.83	5	0
11	0	0	2	0	-1	1	4	4	2	-1	0	3	3	1	-2	-1	3	2	2	1	2	1	1	2	1.21	4	-2
12	3	3	-1	-4	-1	2	2	3	2	0	1	-2	-2	2	2	2	4	3	3	3	1	1	0	-2	1.04	4	-4
13	-1	0	0	3	3	2	1	2	3	3	3	0	-1	0	-2	-1	1	1	2	2	1	3	4	3	1.33	4	-2
14	1	3	3	1	1	2	2	2	3	1	0	2	1	1	2	2	4	2	-1	-1	1	2	2	2	1.58	4	-1
15	2	3	2	2	0	-2	2	3	1	-1	-1	1	0	-1	-2	-1	0	1	3	1	1	1	1	3	0.792	3	-2
16	3	1	1	2	2	3	3	1	2	1	1	3	-1	0	1	1	1	2	3	3	5	3	1	3	1.88	5	-1
17	3	0	-2	-1	0	0	1	3	3	2	1	3	2	2	2	2	4	4	3	2	1	1	3	2	1.71	4	-2
18	2	2	1	1	2	-1	-1	0	1	3	3	3	1	0	0	0	0	-2	-2	2	4	5	3	2	1.21	5	-2
19	1	1	2	1	1	2	4	4	6	6	5	3	0	-1	-2	-1	-1	-1	-1	-1	1	3	3	3	1.58	6	-2
20	4	3	1	1	2	0	0	3	1	2	5	4	2	1	2	3	5	6	7	6	4	4	5	3	3.08	7	0
21	4	6	5	3	3	5	7	4	2	4	2	3	6	2	2	3	3	4	5	5	6	3	3	7	4.04	7	2
22	7	5	6	6	4	7	8	7	5	5	6	3	3	6	6	6	4	3	3	6	6	3	3	2	5	8	2
23	3	5	3	1	3	3	4	5	5	4	3	3	5	5	2	2	2	2	6	6	3	1	0	1	3.21	6	0
24	5	6	5	6	5	3	2	3	4	4	5	7	6	5	6	5	2	1	3	5	6	5	3	3	4.38	7	1
25	3	4	5	5	3	4	6	6	4	4	5	3	0	3	3	1	1	2	3	1	1	3	1	2	3.04	6	0
26	1	0	1	0	1	1	3	6	5	6	6	2	0	0	0	0	1	1	0	0	0	3	3	2	1.75	6	0
27	2	2	1	2	3	3	1	3	2	1	3	2	2	2	1	1	3	2	4	6	5	5	3	2	2.54	6	1
28	2	3	2	2	3	3	4	4	--	--	2	3	3	1	2	1	3	3	1	2	1	1	2	2	2.27	4	1
29	4	4	3	2	1	1	0	1	1	0	-1	-3	-3	-1	-2	-3	-3	-2	0	2	2	1	1	1	0.25	4	-3
30	-1	1	1	0	0	0	1	1	0	1	3	2	3	2	2	2	1	1	-1	-1	-1	0	1	1	0.792	3	-1
31	1	1	3	4	2	2	0	1	3	4	4	2	2	2	1	2	0	-2	2	5	3	1	2	4	2.04	5	-2
Avg	1.94	2.23	2.26	2.03	1.97	2.16	2.61	3.16	2.8	2.2	2.16	2.03	1.65	1.68	1.32	1.26	1.58	1.58	2.16	2.42	2.39	2.45	2.35	2.19	2.11	--	--
Max	7	6	6	7	5	7	8	7	6	6	6	7	6	6	6	6	5	6	7	6	6	5	5	7	--	8	--
Min	-1	-2	-2	-4	-1	-2	-1	0	0	-1	-2	-3	-3	-1	-2	-3	-3	-2	-2	-1	-2	0	0	-2	--	--	-4

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table126, conc_PM25"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2	1	4	3	3	2	0	-1	-1	2	3	-2	-3	-2	-2	-3	0	1	3	2	1	3	3	3	0.917	4	-3
2	2	2	3	2	0	1	4	4	3	1	2	2	0	2	1	1	3	2	3	3	3	4	4	1	2.21	4	0
3	0	0	2	2	1	2	1	2	2	2	4	1	0	3	2	2	5	5	5	3	2	3	2	1	2.17	5	0
4	2	1	1	-1	-1	2	1	1	0	0	1	1	2	0	1	3	3	2	2	3	5	1	1	1	1.33	5	-1
5	-1	1	3	0	-1	1	2	2	2	-1	0	3	5	3	2	2	3	4	3	5	6	4	5	3	2.33	6	-1
6	2	2	1	-2	0	2	1	0	-1	2	3	2	1	0	0	2	4	2	4	5	5	4	0	0	1.63	5	-2
7	2	2	2	2	1	2	5	4	3	3	5	6	3	3	2	4	4	3	3	3	3	3	3	3	3.08	6	1
8	3	4	5	2	2	3	-1	1	3	4	6	4	0	-1	2	3	1	2	4	3	3	2	2	3	2.5	6	-1
9	1	2	0	0	1	0	1	2	3	1	1	2	2	1	2	3	0	-2	1	0	2	2	3	2	1.25	3	-2
10	-2	-2	1	2	0	2	3	3	1	-1	0	1	-1	-1	0	0	0	3	4	2	4	4	2	2	1.13	4	-2
11	4	4	3	2	2	3	2	1	3	2	3	3	1	1	2	1	3	2	1	2	1	3	1	1	2.13	4	1
12	5	3	1	0	2	2	3	2	2	3	0	1	1	0	1	1	0	-1	1	2	3	3	2	3	1.67	5	-1
13	4	3	2	1	2	2	4	3	1	2	3	1	1	1	0	2	2	2	1	3	3	3	3	3	2.17	4	0
14	4	3	1	1	2	3	3	2	3	3	1	0	1	2	-1	-2	2	3	3	3	1	1	1	1	1.71	4	-2
15	1	2	3	4	4	2	1	3	4	5	6	4	-1	0	3	4	1	1	3	2	1	1	0	0	2.25	6	-1
16	0	1	2	3	2	2	3	1	1	1	1	0	0	1	2	4	3	1	2	2	3	3	4	2	1.83	4	0
17	1	2	0	0	1	3	4	7	10	13	13	9	8	9	11	8	5	2	2	6	5	3	4	4	5.42	13	0
18	3	1	-1	-2	-2	0	2	2	1	-1	-2	-2	-1	0	2	2	1	5	6	3	3	5	5	4	1.42	6	-2
19	2	0	0	1	2	1	0	-1	1	1	-1	0	1	1	3	4	3	2	1	0	1	-1	0	2	0.958	4	-1
20	2	2	2	2	3	3	3	3	2	-1	-2	0	5	5	2	2	3	2	3	2	2	3	2	4	2.25	5	-2
21	2	-1	3	2	-1	2	4	6	5	2	1	1	0	1	4	4	2	2	1	0	-1	1	1	0	1.71	6	-1
22	1	1	1	0	0	2	2	2	3	2	0	-2	0	-1	1	3	2	3	4	2	1	4	5	5	1.71	5	-2
23	4	2	1	1	2	2	3	3	3	--	--	5	4	0	0	3	3	2	2	4	4	3	2	3	2.55	5	0
24	1	0	1	1	1	3	7	9	10	16	22	7	4	-1	-2	0	3	1	-1	1	0	-1	0	2	3.5	22	-2
25	3	2	-1	1	3	4	3	0	3	3	2	3	1	0	-1	0	3	4	3	3	1	3	3	0	1.92	4	-1
26	0	0	0	1	1	2	2	2	3	4	5	3	1	2	3	4	4	2	2	3	3	2	0	6	2.29	6	0
27	11	11	15	6	6	6	5	2	2	2	4	4	3	3	1	1	2	2	1	4	5	2	2	0	4.17	15	0
28	-3	-1	-1	2	6	3	1	1	1	1	3	3	2	4	3	2	2	0	1	1	1	3	1	0	1.5	6	-3
29	0	0	2	3	4	4	2	2	1	1	2	2	0	-1	1	0	0	-1	0	-1	-2	0	2	0	0.875	4	-2
30	0	2	0	-1	-1	0	0	0	1	--	3	4	1	-3	-2	-1	-2	0	0	-1	0	-1	-1	0	-0.087	4	-3
Avg	1.87	1.67	1.87	1.27	1.5	2.2	2.37	2.27	2.5	2.57	3.07	2.2	1.37	1.07	1.43	1.97	2.17	1.87	2.27	2.33	2.3	2.33	2.07	1.97	2.02	--	--
Max	11	11	15	6	6	6	7	9	10	16	22	9	8	9	11	8	5	5	6	6	6	5	5	6	--	22	--
Min	-3	-2	-1	-2	-2	0	-1	-1	-1	-1	-2	-2	-3	-3	-2	-3	-2	-2	-1	-1	-2	-1	-1	0	--	--	-3

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: Table126, conc_PM25"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	-1	1	1	2	4	5	3	-1	-2	-1	1	1	-3	-3	-1	1	0	-1	1	1	1	1	2	3	0.625	5	-3
2	2	2	0	-2	1	0	0	3	4	4	3	0	2	5	2	4	4	2	3	3	4	2	-1	0	1.96	5	-2
3	3	6	5	1	2	3	1	1	3	2	0	1	4	3	1	3	3	2	0	0	1	2	1	0	2	6	0
4	1	1	0	-1	0	1	1	1	0	0	1	1	1	0	-1	-1	0	3	3	-1	-1	0	1	2	0.5	3	-1
5	1	1	1	1	-1	2	4	1	0	0	0	0	1	2	1	0	0	0	2	1	0	0	0	0	0.708	4	-1
6	1	2	3	3	2	2	3	4	4	3	0	0	4	4	3	2	1	1	2	3	4	4	1	3	2.46	4	0
7	4	4	5	3	2	3	3	3	3	3	4	5	6	2	1	2	2	3	4	6	5	5	5	2	3.54	6	1
8	2	4	4	2	3	5	3	3	3	3	5	3	2	4	4	5	6	6	5	2	3	4	3	2	3.58	6	2
9	1	1	1	2	4	4	2	4	6	5	2	3	3	0	1	2	2	--	--	--	--	--	--	--	--	6	0
10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--	--	--	--	--	2	1	0	1	4	2	-1	0	1	0	0	--	4	-1
13	0	1	1	0	0	0	-1	1	3	3	2	1	3	3	2	3	1	0	2	2	2	3	4	4	1.67	4	-1
14	1	1	1	2	3	2	0	-1	2	4	3	0	-2	-2	0	-1	-2	1	1	0	1	1	0	-2	0.542	4	-2
15	-2	0	0	0	-1	1	0	-1	2	1	0	1	2	-1	0	0	-2	1	0	-2	-2	1	2	2	0.0833	2	-2
16	4	6	4	-1	0	2	1	2	2	-1	-2	-1	0	-1	0	2	1	2	1	4	8	5	2	2	1.75	8	-2
17	7	22	3	15	17	5	8	12	12	10	9	7	7	8	5	4	7	8	8	10	10	6	3	5	8.67	22	3
18	6	6	6	5	3	5	5	2	4	4	1	0	2	4	3	2	3	2	1	3	4	7	11	19	4.5	19	0
19	7	6	19	14	15	18	13	13	10	6	4	22	7	6	3	2	2	3	5	3	4	3	4	5	8.08	22	2
20	3	2	4	7	7	3	3	4	2	4	3	4	6	4	4	5	6	5	4	2	2	4	4	4	4	7	2
21	3	2	3	2	2	4	4	3	1	1	1	4	6	3	2	3	3	3	4	2	2	3	5	5	2.96	6	1
22	1	-1	0	1	-1	0	3	3	0	-1	-1	1	1	-1	-1	0	1	1	3	-1	-2	1	2	4	0.542	4	-2
23	3	2	1	1	1	1	1	0	0	1	2	3	2	0	1	4	2	0	0	1	1	1	1	0	1.21	4	0
24	2	3	2	3	1	-1	1	4	2	2	3	2	3	19	15	2	2	1	1	1	2	2	1	2	3.13	19	-1
25	1	-2	-1	0	-1	1	3	3	3	1	1	2	0	-1	2	1	0	0	0	1	0	0	-1	-1	0.5	3	-2
26	1	1	1	2	2	1	0	1	3	3	3	4	3	0	2	3	2	2	5	4	1	2	1	1	2	5	0
27	0	-1	1	0	0	2	2	3	3	2	0	0	0	1	1	0	1	1	-1	-2	1	1	2	3	0.833	3	-2
28	3	1	-1	0	2	1	1	0	1	1	1	1	0	2	--	--	3	2	--	3	3	1	1	3	1.38	3	-1
29	1	-1	0	-1	-1	1	-1	-1	3	2	1	2	3	4	4	2	1	3	2	-1	-4	-1	1	0	0.792	4	-4
30	2	-1	-2	0	2	1	-1	0	3	1	-1	2	--	2	1	0	0	2	1	0	0	2	4	4	0.957	4	-2
31	1	2	8	9	11	10	8	7	5	4	5	3	2	4	4	1	1	3	3	4	5	4	4	2	4.58	11	1
Avg	2.07	2.54	2.5	2.5	2.82	2.93	2.5	2.64	2.93	2.39	1.82	2.57	2.41	2.52	2.14	1.82	1.76	2.14	2.3	1.71	1.96	2.32	2.25	2.64	2.35	--	--
Max	7	22	19	15	17	18	13	13	12	10	9	22	7	19	15	5	7	8	8	10	10	7	11	19	--	22	--
Min	-2	-2	-2	-2	-1	-1	-1	-1	-2	-1	-2	-1	-3	-3	-1	-1	-2	-1	-1	-2	-4	-1	-1	-2	--	--	-4

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table125, conc_PM10"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.0	5.0	5.0	3.0	1.0	-2.0	0.0	2.0	1.0	-1.0	0.0	3.0	2.0	3.0	6.0	4.0	6.0	6.0	4.0	6.0	7.0	7.0	6.0	1.0	3.3	7.0	-2.0
2	-2.0	2.0	4.0	4.0	5.0	3.0	17.0	4.0	1.0	-1.0	2.0	1.0	-2.0	2.0	1.0	0.0	1.0	2.0	4.0	5.0	5.0	6.0	3.0	0.0	2.8	17.0	-2.0
3	4.0	5.0	3.0	2.0	3.0	3.0	1.0	-1.0	0.0	0.0	1.0	17.0	19.0	20.0	34.0	20.0	18.0	14.0	14.0	23.0	21.0	11.0	12.0	15.0	10.8	34.0	-1.0
4	19.0	21.0	20.0	15.0	19.0	25.0	18.0	24.0	20.0	21.0	13.0	19.0	34.0	22.0	51.0	19.0	47.0	16.0	23.0	14.0	22.0	11.0	12.0	14.0	21.6	51.0	11.0
5	14.0	13.0	14.0	12.0	13.0	17.0	17.0	15.0	17.0	22.0	13.0	14.0	14.0	24.0	17.0	18.0	28.0	10.0	10.0	9.0	10.0	12.0	12.0	12.0	14.9	28.0	9.0
6	13.0	11.0	9.0	10.0	12.0	14.0	31.0	18.0	17.0	15.0	16.0	20.0	33.0	26.0	16.0	12.0	39.0	14.0	14.0	28.0	14.0	17.0	12.0	16.0	17.8	39.0	9.0
7	16.0	9.0	7.0	8.0	8.0	6.0	21.0	20.0	16.0	17.0	14.0	10.0	6.0	7.0	8.0	7.0	4.0	4.0	8.0	25.0	21.0	29.0	24.0	23.0	13.3	29.0	4.0
8	25.0	19.0	84.0	28.0	28.0	16.0	29.0	82.0	20.0	12.0	10.0	8.0	6.0	7.0	10.0	10.0	5.0	7.0	6.0	8.0	8.0	1.0	2.0	4.0	18.1	84.0	1.0
9	6.0	4.0	2.0	2.0	2.0	5.0	3.0	4.0	5.0	3.0	4.0	3.0	4.0	6.0	7.0	3.0	0.0	5.0	12.0	11.0	9.0	7.0	5.0	7.0	5.0	12.0	0.0
10	7.0	4.0	1.0	0.0	3.0	5.0	1.0	4.0	5.0	3.0	5.0	8.0	8.0	9.0	10.0	9.0	17.0	6.0	6.0	7.0	6.0	7.0	7.0	7.0	6.0	17.0	0.0
11	6.0	4.0	6.0	5.0	6.0	9.0	9.0	9.0	8.0	7.0	7.0	8.0	5.0	20.0	22.0	15.0	44.0	9.0	7.0	10.0	12.0	10.0	17.0	18.0	11.4	44.0	4.0
12	8.0	11.0	17.0	15.0	7.0	7.0	18.0	9.0	9.0	7.0	6.0	7.0	10.0	19.0	15.0	15.0	25.0	14.0	30.0	17.0	12.0	15.0	17.0	12.0	13.4	30.0	6.0
13	11.0	11.0	9.0	4.0	5.0	8.0	43.0	47.0	21.0	10.0	11.0	13.0	9.0	10.0	13.0	11.0	17.0	8.0	20.0	29.0	38.0	35.0	18.0	3.0	16.8	47.0	3.0
14	3.0	5.0	5.0	6.0	7.0	5.0	8.0	9.0	7.0	8.0	6.0	6.0	8.0	8.0	9.0	8.0	6.0	17.0	30.0	19.0	14.0	10.0	8.0	9.0	9.2	30.0	3.0
15	7.0	5.0	6.0	10.0	11.0	17.0	9.0	9.0	10.0	10.0	11.0	10.0	6.0	6.0	8.0	10.0	17.0	21.0	29.0	7.0	10.0	12.0	10.0	10.0	10.9	29.0	5.0
16	12.0	11.0	5.0	3.0	7.0	7.0	15.0	10.0	10.0	9.0	8.0	5.0	6.0	7.0	5.0	7.0	9.0	9.0	29.0	6.0	8.0	9.0	10.0	7.0	8.9	29.0	3.0
17	5.0	16.0	4.0	3.0	5.0	11.0	43.0	28.0	16.0	6.0	4.0	4.0	10.0	43.0	19.0	18.0	12.0	9.0	9.0	12.0	15.0	20.0	15.0	21.0	14.5	43.0	3.0
18	19.0	11.0	10.0	4.0	3.0	38.0	71.0	9.0	11.0	12.0	11.0	8.0	6.0	15.0	20.0	13.0	17.0	16.0	19.0	21.0	15.0	10.0	13.0	34.0	16.9	71.0	3.0
19	11.0	9.0	8.0	9.0	41.0	27.0	8.0	10.0	17.0	18.0	18.0	6.0	6.0	31.0	7.0	21.0	27.0	23.0	44.0	65.0	19.0	20.0	46.0	110.0	25.0	110.0	6.0
20	14.0	10.0	6.0	7.0	6.0	16.0	17.0	12.0	28.0	52.0	27.0	23.0	20.0	19.0	29.0	40.0	35.0	35.0	35.0	34.0	37.0	38.0	49.0	33.0	25.9	52.0	6.0
21	29.0	27.0	33.0	91.0	129.0	41.0	28.0	32.0	59.0	23.0	21.0	22.0	21.0	19.0	20.0	11.0	12.0	15.0	14.0	12.0	10.0	7.0	9.0	11.0	29.0	129.0	7.0
22	12.0	15.0	17.0	17.0	9.0	11.0	17.0	15.0	15.0	15.0	20.0	11.0	12.0	14.0	10.0	18.0	12.0	24.0	40.0	19.0	17.0	37.0	55.0	37.0	19.5	55.0	9.0
23	19.0	16.0	14.0	14.0	14.0	13.0	17.0	23.0	16.0	13.0	18.0	18.0	15.0	14.0	11.0	9.0	10.0	8.0	82.0	13.0	32.0	12.0	12.0	9.0	17.6	82.0	8.0
24	9.0	10.0	8.0	8.0	59.0	34.0	97.0	11.0	11.0	13.0	15.0	16.0	11.0	19.0	38.0	22.0	21.0	19.0	27.0	13.0	29.0	7.0	9.0	10.0	21.5	97.0	7.0
25	9.0	7.0	6.0	5.0	8.0	12.0	12.0	13.0	14.0	17.0	19.0	9.0	9.0	8.0	17.0	52.0	26.0	9.0	11.0	13.0	10.0	7.0	8.0	10.0	13.0	52.0	5.0
26	8.0	6.0	6.0	6.0	7.0	8.0	6.0	29.0	110.0	48.0	6.0	3.0	1.0	3.0	6.0	6.0	5.0	6.0	5.0	4.0	4.0	4.0	5.0	5.0	12.4	110.0	1.0
27	8.0	10.0	5.0	4.0	5.0	6.0	6.0	9.0	12.0	11.0	11.0	--	--	11.0	12.0	8.0	5.0	6.0	9.0	8.0	7.0	7.0	7.0	16.0	8.3	16.0	4.0
28	12.0	9.0	8.0	11.0	15.0	14.0	13.0	21.0	10.0	11.0	10.0	10.0	13.0	10.0	8.0	20.0	11.0	9.0	9.0	11.0	12.0	18.0	20.0	42.0	13.6	42.0	8.0
29	17.0	11.0	10.0	11.0	7.0	4.0	4.0	3.0	6.0	8.0	6.0	4.0	0.0	2.0	3.0	1.0	3.0	3.0	10.0	12.0	4.0	1.0	4.0	3.0	5.7	17.0	0.0
30	3.0	2.0	-1.0	2.0	3.0	8.0	7.0	5.0	9.0	6.0	4.0	6.0	2.0	1.0	5.0	9.0	9.0	16.0	11.0	9.0	6.0	3.0	5.0	5.0	5.6	16.0	-1.0
31	7.0	9.0	8.0	6.0	4.0	9.0	13.0	41.0	23.0	19.0	25.0	14.0	17.0	4.0	8.0	73.0	91.0	52.0	14.0	17.0	14.0	16.0	17.0	9.0	21.3	91.0	4.0
Avg	10.8	9.9	10.9	10.5	14.6	12.8	19.3	17.0	16.9	13.4	11.0	10.2	10.4	13.2	14.4	15.8	18.7	13.3	18.9	15.7	14.5	13.1	14.5	16.5	14.0	--	--
Max	29.0	27.0	84.0	91.0	129.0	41.0	97.0	82.0	110.0	52.0	27.0	23.0	34.0	43.0	51.0	73.0	91.0	52.0	82.0	65.0	38.0	38.0	55.0	110.0	--	129.0	--
Min	-2.0	2.0	-1.0	0.0	1.0	-2.0	0.0	-1.0	0.0	-1.0	0.0	1.0	-2.0	1.0	1.0	0.0	0.0	2.0	4.0	4.0	4.0	1.0	2.0	0.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table125, conc_PM10"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	16.0	14.0	12.0	9.0	9.0	11.0	31.0	11.0	9.0	18.0	29.0	23.0	28.0	9.0	23.0	20.0	36.0	23.0	24.0	16.0	13.0	17.0	14.0	16.0	18.0	36.0	9.0
2	14.0	13.0	23.0	11.0	10.0	26.0	20.0	90.0	21.0	27.0	24.0	17.0	8.0	7.0	7.0	5.0	64.0	19.0	44.0	17.0	29.0	2.0	4.0	6.0	21.2	90.0	2.0
3	6.0	2.0	0.0	3.0	3.0	7.0	6.0	42.0	7.0	5.0	3.0	5.0	6.0	8.0	8.0	17.0	54.0	11.0	12.0	12.0	11.0	11.0	6.0	3.0	10.3	54.0	0.0
4	6.0	5.0	4.0	3.0	5.0	4.0	4.0	4.0	4.0	6.0	4.0	1.0	1.0	2.0	3.0	4.0	4.0	4.0	6.0	6.0	6.0	5.0	3.0	6.0	4.2	6.0	1.0
5	5.0	3.0	3.0	5.0	3.0	1.0	2.0	2.0	3.0	5.0	4.0	2.0	5.0	6.0	5.0	5.0	6.0	7.0	6.0	6.0	6.0	7.0	9.0	9.0	4.8	9.0	1.0
6	6.0	5.0	5.0	3.0	2.0	2.0	5.0	6.0	4.0	4.0	4.0	4.0	3.0	4.0	6.0	5.0	5.0	9.0	23.0	6.0	6.0	7.0	8.0	4.0	5.7	23.0	2.0
7	2.0	3.0	2.0	4.0	4.0	6.0	6.0	7.0	7.0	8.0	8.0	8.0	18.0	7.0	19.0	8.0	10.0	19.0	10.0	12.0	8.0	0.0	2.0	5.0	7.6	19.0	0.0
8	4.0	9.0	9.0	4.0	28.0	10.0	9.0	5.0	5.0	8.0	6.0	3.0	2.0	7.0	11.0	9.0	12.0	12.0	8.0	6.0	7.0	6.0	6.0	9.0	8.1	28.0	2.0
9	10.0	5.0	1.0	3.0	6.0	6.0	4.0	5.0	6.0	9.0	12.0	8.0	7.0	30.0	8.0	8.0	6.0	3.0	3.0	3.0	2.0	0.0	3.0	5.0	6.4	30.0	0.0
10	7.0	7.0	6.0	5.0	5.0	5.0	4.0	5.0	5.0	21.0	9.0	2.0	-1.0	3.0	2.0	2.0	0.0	1.0	3.0	0.0	0.0	4.0	2.0	2.0	4.1	21.0	-1.0
11	1.0	-1.0	2.0	6.0	6.0	2.0	0.0	5.0	7.0	6.0	5.0	3.0	5.0	3.0	3.0	6.0	2.0	0.0	1.0	3.0	5.0	6.0	2.0	1.0	3.3	7.0	-1.0
12	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	3.0	4.0	5.0	5.0	3.0	1.0	1.0	1.0	5.0	6.0	3.0	4.0	4.0	4.0	3.0	2.0	3.3	6.0	1.0
13	1.0	1.0	1.0	3.0	3.0	2.0	1.0	2.0	6.0	7.0	7.0	6.0	3.0	3.0	4.0	7.0	10.0	15.0	11.0	9.0	18.0	13.0	8.0	4.0	6.0	18.0	1.0
14	5.0	2.0	2.0	3.0	2.0	4.0	4.0	9.0	9.0	5.0	2.0	3.0	5.0	2.0	4.0	9.0	19.0	13.0	18.0	20.0	11.0	9.0	6.0	16.0	7.6	20.0	2.0
15	6.0	5.0	2.0	2.0	2.0	6.0	18.0	24.0	7.0	6.0	5.0	8.0	8.0	5.0	7.0	8.0	6.0	20.0	17.0	10.0	9.0	6.0	7.0	8.0	8.4	24.0	2.0
16	5.0	2.0	3.0	4.0	3.0	5.0	6.0	8.0	10.0	8.0	7.0	7.0	5.0	4.0	2.0	4.0	22.0	24.0	17.0	16.0	12.0	19.0	13.0	11.0	9.0	24.0	2.0
17	8.0	8.0	7.0	5.0	5.0	29.0	68.0	64.0	76.0	107.0	95.0	63.0	65.0	110.0	114.0	59.0	60.0	34.0	32.0	33.0	30.0	31.0	30.0	18.0	48.0	114.0	5.0
18	24.0	20.0	18.0	10.0	15.0	6.0	6.0	6.0	8.0	7.0	6.0	3.0	3.0	5.0	4.0	6.0	7.0	10.0	16.0	18.0	18.0	24.0	20.0	19.0	11.6	24.0	3.0
19	16.0	21.0	20.0	16.0	12.0	22.0	24.0	25.0	54.0	17.0	20.0	18.0	14.0	17.0	11.0	11.0	15.0	18.0	--	--	--	--	--	--	19.5	54.0	11.0
20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--	11.0	9.0	7.0	25.0	56.0	10.0	10.0	9.0	27.0	21.0	3.0	7.0	6.0	3.0	3.0	--	56.0	3.0
22	3.0	4.0	4.0	6.0	8.0	8.0	6.0	8.0	9.0	7.0	5.0	3.0	1.0	3.0	6.0	7.0	20.0	2.0	5.0	7.0	7.0	6.0	3.0	2.0	5.8	20.0	1.0
23	3.0	5.0	6.0	4.0	1.0	3.0	5.0	7.0	8.0	6.0	6.0	4.0	0.0	3.0	2.0	3.0	4.0	7.0	6.0	3.0	4.0	5.0	3.0	3.0	4.2	8.0	0.0
24	5.0	4.0	2.0	2.0	-1.0	4.0	227.0	57.0	8.0	17.0	58.0	9.0	22.0	4.0	5.0	3.0	3.0	6.0	5.0	3.0	3.0	4.0	3.0	3.0	19.0	227.0	-1.0
25	4.0	3.0	3.0	4.0	5.0	4.0	5.0	5.0	4.0	15.0	12.0	9.0	5.0	3.0	4.0	4.0	4.0	8.0	10.0	11.0	14.0	12.0	12.0	13.0	7.2	15.0	3.0
26	11.0	10.0	16.0	13.0	17.0	16.0	19.0	16.0	12.0	16.0	18.0	18.0	14.0	12.0	10.0	8.0	9.0	9.0	9.0	18.0	14.0	16.0	7.0	8.0	13.2	19.0	7.0
27	11.0	22.0	220.0	30.0	101.0	15.0	13.0	11.0	18.0	25.0	34.0	18.0	10.0	12.0	12.0	10.0	16.0	21.0	9.0	9.0	9.0	7.0	2.0	-2.0	26.4	220.0	-2.0
28	0.0	2.0	4.0	18.0	17.0	22.0	23.0	24.0	38.0	29.0	28.0	28.0	31.0	31.0	27.0	15.0	6.0	6.0	7.0	7.0	7.0	9.0	10.0	9.0	16.6	38.0	0.0
29	8.0	8.0	9.0	10.0	11.0	10.0	9.0	12.0	20.0	14.0	13.0	9.0	6.0	4.0	3.0	3.0	6.0	6.0	4.0	5.0	3.0	3.0	2.0	0.0	7.4	20.0	0.0
30	0.0	2.0	0.0	0.0	1.0	1.0	1.0	3.0	5.0	5.0	2.0	0.0	1.0	2.0	1.0	4.0	5.0	3.0	6.0	5.0	5.0	6.0	-1.0	0.0	2.4	6.0	-1.0
Avg	6.8	6.7	13.9	6.8	10.2	8.6	18.9	16.6	13.3	14.6	15.2	10.1	10.4	12.5	11.1	9.0	14.7	11.8	12.0	9.6	9.6	8.8	6.8	6.5	11.0	--	--
Max	24.0	22.0	220.0	30.0	101.0	29.0	227.0	90.0	76.0	107.0	95.0	63.0	65.0	110.0	114.0	59.0	64.0	34.0	44.0	33.0	30.0	31.0	30.0	19.0	--	227.0	--
Min	0.0	-1.0	0.0	0.0	-1.0	1.0	0.0	2.0	3.0	4.0	2.0	0.0	-1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	-1.0	-2.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table125, conc_PM10"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.0	1.0	0.0	1.0	2.0	4.0	4.0	3.0	1.0	4.0	6.0	5.0	2.0	1.0	7.0	9.0	6.0	4.0	6.0	7.0	5.0	6.0	7.0	5.0	4.1	9.0	0.0
2	4.0	3.0	1.0	4.0	6.0	7.0	7.0	3.0	5.0	10.0	7.0	6.0	8.0	9.0	10.0	8.0	9.0	12.0	10.0	7.0	9.0	9.0	10.0	9.0	7.2	12.0	1.0
3	6.0	5.0	4.0	4.0	4.0	3.0	4.0	5.0	5.0	4.0	3.0	4.0	3.0	8.0	9.0	4.0	5.0	6.0	8.0	8.0	8.0	8.0	4.0	5.0	5.3	9.0	3.0
4	6.0	6.0	4.0	2.0	-2.0	0.0	4.0	3.0	6.0	5.0	3.0	17.0	2.0	2.0	6.0	19.0	4.0	7.0	22.0	6.0	8.0	6.0	4.0	6.0	6.1	22.0	-2.0
5	4.0	3.0	3.0	2.0	4.0	5.0	1.0	5.0	8.0	6.0	6.0	4.0	--	--	26.0	5.0	18.0	13.0	18.0	29.0	8.0	10.0	8.0	5.0	8.7	29.0	1.0
6	5.0	4.0	6.0	6.0	27.0	12.0	8.0	7.0	12.0	14.0	12.0	7.0	17.0	11.0	28.0	17.0	7.0	9.0	16.0	9.0	9.0	9.0	9.0	10.0	11.3	28.0	4.0
7	11.0	11.0	8.0	10.0	14.0	11.0	8.0	9.0	11.0	11.0	8.0	8.0	11.0	15.0	21.0	17.0	23.0	17.0	15.0	17.0	7.0	8.0	9.0	9.0	12.0	23.0	7.0
8	8.0	8.0	7.0	7.0	10.0	10.0	11.0	11.0	11.0	9.0	11.0	11.0	7.0	10.0	12.0	12.0	20.0	15.0	16.0	14.0	13.0	11.0	11.0	12.0	11.1	20.0	7.0
9	10.0	8.0	11.0	12.0	9.0	9.0	11.0	10.0	10.0	8.0	5.0	6.0	8.0	7.0	9.0	9.0	6.0	7.0	9.0	7.0	6.0	5.0	2.0	2.0	7.8	12.0	2.0
10	3.0	3.0	6.0	7.0	6.0	4.0	5.0	5.0	5.0	3.0	2.0	6.0	6.0	4.0	7.0	15.0	17.0	12.0	20.0	13.0	13.0	14.0	12.0	8.0	8.2	20.0	2.0
11	9.0	9.0	4.0	5.0	7.0	5.0	6.0	9.0	10.0	9.0	8.0	6.0	6.0	6.0	34.0	11.0	8.0	5.0	20.0	9.0	7.0	9.0	7.0	1.0	8.8	34.0	1.0
12	4.0	6.0	4.0	4.0	7.0	5.0	8.0	36.0	13.0	11.0	9.0	6.0	6.0	9.0	18.0	6.0	--	--	--	--	--	--	--	--	--	36.0	4.0
13	--	--	--	--	--	--	--	--	--	6.0	7.0	6.0	21.0	8.0	8.0	5.0	3.0	5.0	6.0	7.0	8.0	9.0	7.0	4.0	--	21.0	3.0
14	1.0	0.0	4.0	5.0	2.0	3.0	4.0	3.0	2.0	4.0	5.0	5.0	5.0	6.0	6.0	5.0	28.0	47.0	7.0	8.0	5.0	1.0	1.0	-1.0	6.5	47.0	-1.0
15	0.0	0.0	0.0	2.0	3.0	3.0	2.0	3.0	4.0	4.0	4.0	3.0	4.0	4.0	26.0	8.0	6.0	6.0	4.0	0.0	3.0	6.0	4.0	6.0	4.4	26.0	0.0
16	9.0	11.0	9.0	6.0	3.0	3.0	4.0	3.0	4.0	6.0	3.0	0.0	2.0	4.0	4.0	4.0	7.0	9.0	6.0	67.0	78.0	44.0	38.0	110.0	18.1	110.0	0.0
17	56.0	25.0	37.0	110.0	119.0	19.0	24.0	77.0	98.0	111.0	80.0	75.0	70.0	60.0	54.0	51.0	44.0	40.0	42.0	38.0	38.0	37.0	37.0	35.0	57.4	119.0	19.0
18	30.0	29.0	32.0	31.0	29.0	27.0	22.0	24.0	26.0	22.0	14.0	13.0	9.0	7.0	7.0	4.0	6.0	9.0	9.0	8.0	9.0	9.0	9.0	8.0	16.4	32.0	4.0
19	8.0	10.0	13.0	16.0	13.0	14.0	11.0	9.0	12.0	12.0	9.0	11.0	12.0	9.0	8.0	10.0	9.0	10.0	17.0	15.0	11.0	13.0	14.0	17.0	11.8	17.0	8.0
20	18.0	15.0	15.0	19.0	16.0	17.0	15.0	20.0	18.0	19.0	17.0	21.0	21.0	19.0	18.0	19.0	17.0	16.0	18.0	10.0	12.0	17.0	12.0	15.0	16.8	21.0	10.0
21	15.0	12.0	16.0	17.0	17.0	13.0	9.0	6.0	7.0	6.0	6.0	6.0	6.0	7.0	5.0	5.0	4.0	2.0	2.0	3.0	2.0	4.0	6.0	5.0	7.5	17.0	2.0
22	2.0	1.0	0.0	-1.0	1.0	3.0	2.0	2.0	1.0	0.0	3.0	7.0	2.0	-2.0	3.0	2.0	2.0	3.0	1.0	3.0	6.0	5.0	4.0	4.0	2.3	7.0	-2.0
23	5.0	7.0	6.0	5.0	5.0	3.0	3.0	4.0	3.0	3.0	2.0	-1.0	1.0	1.0	1.0	1.0	1.0	2.0	0.0	-1.0	0.0	1.0	2.0	2.0	2.3	7.0	-1.0
24	2.0	1.0	3.0	3.0	-1.0	-1.0	2.0	4.0	0.0	-2.0	0.0	3.0	3.0	5.0	31.0	29.0	2.0	1.0	4.0	4.0	2.0	2.0	1.0	-2.0	4.0	31.0	-2.0
25	-2.0	2.0	3.0	2.0	0.0	--	2.0	3.0	2.0	3.0	5.0	6.0	5.0	4.0	5.0	4.0	4.0	2.0	0.0	1.0	2.0	0.0	-2.0	2.0	2.3	6.0	-2.0
26	2.0	1.0	1.0	-1.0	-2.0	2.0	4.0	2.0	0.0	3.0	3.0	0.0	0.0	2.0	3.0	-1.0	-2.0	2.0	4.0	4.0	3.0	1.0	1.0	2.0	1.4	4.0	-2.0
27	1.0	1.0	1.0	1.0	2.0	0.0	1.0	4.0	3.0	0.0	0.0	1.0	--	--	2.0	3.0	5.0	4.0	1.0	-1.0	0.0	1.0	1.0	-1.0	1.4	5.0	-1.0
28	-3.0	0.0	3.0	3.0	3.0	2.0	2.0	3.0	0.0	2.0	2.0	3.0	2.0	-1.0	3.0	6.0	6.0	6.0	6.0	6.0	7.0	6.0	3.0	2.0	3.0	7.0	-3.0
29	4.0	4.0	1.0	3.0	5.0	6.0	9.0	11.0	9.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	2.0	2.0	2.0	6.0	47.0	46.0	65.0	28.0	12.0	65.0	1.0
30	9.0	43.0	11.0	6.0	3.0	3.0	0.0	1.0	4.0	5.0	3.0	2.0	2.0	2.0	4.0	5.0	2.0	2.0	4.0	6.0	5.0	1.0	4.0	8.0	5.6	43.0	0.0
31	7.0	5.0	6.0	8.0	9.0	15.0	8.0	6.0	4.0	2.0	3.0	9.0	12.0	8.0	6.0	5.0	4.0	4.0	6.0	6.0	6.0	8.0	9.0	5.0	6.7	15.0	2.0
Avg	7.9	7.8	7.3	10.0	10.7	7.1	6.7	9.7	9.8	9.9	8.1	8.5	8.9	8.0	12.4	9.7	9.1	9.3	10.0	10.5	11.2	10.2	10.0	10.7	9.3	--	--
Max	56.0	43.0	37.0	110.0	119.0	27.0	24.0	77.0	98.0	111.0	80.0	75.0	70.0	60.0	54.0	51.0	44.0	47.0	42.0	67.0	78.0	46.0	65.0	110.0	--	119.0	--
Min	-3.0	0.0	0.0	-1.0	-2.0	-1.0	0.0	1.0	0.0	-2.0	0.0	-1.0	0.0	-2.0	1.0	-1.0	-2.0	1.0	0.0	-1.0	0.0	0.0	-2.0	-2.0	--	--	-3.0

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table125, West_Plant_conc_PM10_STP"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.4	5.5	5.4	3.3	1.1	-2.2	0.0	2.2	1.1	-1.1	0.0	3.4	2.2	3.4	6.8	4.5	6.8	6.8	4.5	6.7	7.8	7.8	6.7	1.1	3.7	7.8	-2.2
2	-2.2	2.2	4.4	4.4	5.5	3.3	18.5	4.4	1.1	-1.1	2.2	1.1	-2.2	2.2	1.1	0.0	1.1	2.2	4.4	5.5	5.5	6.6	3.3	0.0	3.1	18.5	-2.2
3	4.4	5.5	3.3	2.2	3.3	3.3	1.1	-1.1	0.0	0.0	1.1	18.8	21.2	22.3	37.9	22.3	20.0	15.5	15.4	25.1	22.8	11.9	12.9	16.2	11.9	37.9	-1.1
4	20.5	22.6	21.5	16.1	20.5	26.9	19.4	26.1	22.1	23.3	14.5	21.1	37.8	24.5	56.9	21.2	52.2	17.7	25.3	15.3	24.0	11.9	13.0	15.2	23.7	56.9	11.9
5	15.2	14.1	15.2	13.0	14.1	18.5	18.5	16.4	18.8	24.5	14.5	15.7	15.7	27.0	19.1	20.2	31.4	11.2	11.1	9.9	11.0	13.1	13.1	13.1	16.4	31.4	9.9
6	14.1	12.0	9.8	10.9	13.0	15.2	33.4	19.6	18.8	16.7	17.9	22.4	37.0	29.3	18.0	13.5	43.7	15.6	15.5	30.8	15.3	18.6	13.1	17.5	19.7	43.7	9.8
7	17.5	9.8	7.6	8.7	8.7	6.5	22.8	21.8	17.7	18.9	15.7	11.3	6.8	8.0	9.1	8.0	4.5	4.5	9.0	28.1	23.5	32.4	26.7	25.5	14.7	32.4	4.5
8	27.7	21.0	92.8	30.9	30.8	17.6	31.9	90.2	22.2	13.4	11.2	9.0	6.8	8.0	11.4	11.4	5.7	7.9	6.7	8.8	8.8	1.1	2.2	4.4	20.1	92.8	1.1
9	6.6	4.4	2.2	2.2	2.2	5.5	3.3	4.4	5.5	3.3	4.5	3.4	4.5	6.8	8.0	3.4	0.0	5.6	13.4	12.2	10.0	7.7	5.5	7.7	5.5	13.4	0.0
10	7.7	4.4	1.1	0.0	3.3	5.5	1.1	4.4	5.6	3.4	5.6	9.1	9.1	10.2	11.4	10.2	19.2	6.7	6.7	7.7	6.6	7.7	7.7	7.7	6.8	19.2	0.0
11	6.6	4.4	6.6	5.5	6.6	9.9	9.9	9.9	8.9	7.9	7.9	9.1	5.7	22.7	24.9	17.0	49.8	10.1	7.8	11.1	13.2	11.0	18.7	19.7	12.7	49.8	4.4
12	8.7	12.0	18.6	16.4	7.7	7.6	19.5	9.9	10.0	7.9	6.8	7.9	11.3	21.6	17.0	16.9	28.2	15.7	33.3	18.8	13.2	16.4	18.6	13.1	14.9	33.3	6.8
13	12.0	12.0	9.8	4.4	5.4	8.7	46.4	51.0	23.3	11.2	12.4	14.7	10.2	11.3	14.7	12.4	19.1	9.0	22.2	32.0	41.7	38.3	19.8	3.3	18.5	51.0	3.3
14	3.3	5.5	5.5	6.6	7.7	5.5	8.7	9.9	7.8	9.0	6.8	6.8	9.1	9.1	10.2	9.1	6.8	19.2	33.5	21.1	15.5	11.0	8.8	9.9	10.3	33.5	3.3
15	7.7	5.5	6.6	10.9	12.0	18.6	9.9	9.9	11.1	11.2	12.5	11.4	6.8	6.8	9.1	11.3	19.2	23.6	32.4	7.8	11.0	13.2	11.0	10.9	12.1	32.4	5.5
16	13.1	12.0	5.5	3.3	7.6	7.6	16.3	10.9	11.1	10.1	9.0	5.7	6.8	7.9	5.7	7.9	10.1	10.1	32.3	6.6	8.8	9.9	11.0	7.7	9.9	32.3	3.3
17	5.5	17.5	4.4	3.3	5.5	12.0	46.6	30.6	17.9	6.7	4.5	4.5	11.3	48.6	21.4	20.3	13.5	10.1	10.0	13.3	16.5	22.0	16.4	23.0	16.0	48.6	3.3
18	20.7	12.0	10.9	4.4	3.3	41.2	76.9	9.8	12.2	13.4	12.4	9.0	6.8	17.0	22.6	14.6	19.1	17.9	21.1	23.2	16.5	11.0	14.2	37.1	18.6	76.9	3.3
19	12.0	9.8	8.7	9.8	44.6	29.3	8.7	10.9	18.8	20.0	20.2	6.8	6.8	35.2	8.0	23.7	30.4	25.7	48.9	71.6	20.9	21.9	50.6	121.0	27.7	121.0	6.8
20	15.4	11.0	6.6	7.7	6.5	17.4	18.5	13.2	31.1	57.9	30.1	25.8	22.5	21.5	32.9	45.2	39.4	39.1	38.9	37.7	40.9	42.0	54.0	36.3	28.8	57.9	6.5
21	31.8	29.6	36.1	99.8	142.0	45.0	30.7	35.1	65.1	25.5	23.4	24.6	23.7	21.5	22.8	12.5	13.6	16.9	15.7	13.4	11.1	7.8	10.0	12.2	32.1	142.0	7.8
22	13.3	16.6	18.9	18.8	10.0	12.2	18.8	16.6	16.8	16.8	22.6	12.5	13.7	16.0	11.4	20.6	13.6	27.1	44.8	21.2	18.9	40.9	60.7	40.8	21.8	60.7	10.0
23	20.9	17.5	15.4	15.3	15.3	14.2	18.7	25.3	17.9	14.6	20.3	20.3	17.0	15.8	12.4	10.2	11.3	9.0	91.2	14.4	35.3	13.2	13.2	9.9	19.5	91.2	9.0
24	9.9	11.0	8.8	8.7	64.3	36.9	106.0	12.1	12.2	14.5	16.8	18.0	12.4	21.4	42.6	24.6	23.4	21.1	30.0	14.4	31.9	7.7	9.9	10.9	23.7	106.0	7.7
25	9.9	7.6	6.5	5.4	8.7	13.1	13.1	14.2	15.5	19.0	21.3	10.1	10.1	9.0	19.1	58.3	29.1	10.0	12.2	14.3	11.0	7.7	8.8	11.0	14.4	58.3	5.4
26	8.8	6.6	6.6	6.6	7.7	8.7	6.6	31.6	122.0	53.5	6.7	3.4	1.1	3.4	6.8	6.8	5.7	6.8	5.6	4.5	4.5	4.5	5.6	5.6	13.7	122.0	1.1
27	8.9	11.1	5.6	4.4	5.6	6.7	6.7	10.0	13.4	12.3	12.3	--	--	12.5	13.7	9.1	5.7	6.8	10.1	9.0	7.9	7.9	7.9	17.9	9.3	17.9	4.4
28	13.4	10.0	8.9	12.3	16.7	15.6	14.4	23.3	11.1	12.3	11.3	11.3	14.8	11.3	9.1	22.6	12.4	10.1	10.0	12.2	13.3	19.8	22.0	46.0	15.2	46.0	8.9
29	18.6	12.0	10.9	12.0	7.7	4.4	4.4	3.3	6.7	9.0	6.8	4.5	0.0	2.3	3.4	1.1	3.4	3.4	11.1	13.3	4.4	1.1	4.4	3.3	6.3	18.6	0.0
30	3.3	2.2	-1.1	2.2	3.3	8.8	7.7	5.5	10.0	6.7	4.5	6.8	2.3	1.1	5.6	10.1	10.1	17.9	12.2	10.0	6.6	3.3	5.5	5.5	6.3	17.9	-1.1
31	7.7	9.9	8.8	6.6	4.4	9.8	14.1	44.6	25.2	21.2	28.0	15.7	19.0	4.5	9.0	81.4	101.0	57.5	15.4	18.6	15.3	17.5	18.5	9.8	23.5	101.0	4.4
Avg	11.9	10.9	12.0	11.5	15.9	14.0	21.0	18.6	18.7	14.9	12.4	11.5	11.7	14.9	16.2	17.8	21.0	14.9	21.0	17.4	15.9	14.4	15.9	18.2	15.5	--	--
Max	31.8	29.6	92.8	99.8	142.0	45.0	106.0	90.2	122.0	57.9	30.1	25.8	37.8	48.6	56.9	81.4	101.0	57.5	91.2	71.6	41.7	42.0	60.7	121.0	--	142.0	--
Min	-2.2	2.2	-1.1	0.0	1.1	-2.2	0.0	-1.1	0.0	-1.1	0.0	1.1	-2.2	1.1	1.1	0.0	0.0	2.2	4.4	4.5	4.4	1.1	2.2	0.0	--	--	-2.2

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table125, West_Plant_conc_PM10_STP"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	17.4	15.2	13.0	9.7	9.7	11.8	33.2	11.8	9.8	19.8	32.0	25.4	31.0	10.0	25.5	22.1	39.7	25.2	26.1	17.4	14.1	18.3	15.1	17.2	19.6	39.7	9.7
2	15.0	14.0	24.7	11.8	10.7	27.9	21.5	96.7	22.9	29.7	26.6	18.9	8.9	7.8	7.9	5.6	71.1	20.9	48.1	18.5	31.5	2.2	4.4	6.5	23.1	96.7	2.2
3	6.5	2.2	0.0	3.3	3.2	7.5	6.4	45.5	7.6	5.5	3.3	5.5	6.6	8.8	8.8	18.7	58.8	11.7	12.8	12.8	11.7	11.8	6.5	3.3	11.2	58.8	0.0
4	6.5	5.4	4.3	3.2	5.4	4.3	4.3	4.3	4.2	6.4	4.3	1.1	1.1	2.2	3.3	4.4	4.4	4.3	6.5	6.4	6.4	5.4	3.2	6.4	4.5	6.5	1.1
5	5.3	3.2	3.2	5.3	3.2	1.1	2.1	2.1	3.2	5.4	4.4	2.2	5.5	6.6	5.5	5.5	6.6	7.6	6.5	6.5	6.5	7.5	9.7	9.6	5.2	9.7	1.1
6	6.4	5.4	5.3	3.2	2.1	2.1	5.3	6.4	4.4	4.4	4.4	4.4	3.3	4.4	6.6	5.5	5.5	9.8	25.0	6.5	6.5	7.5	8.6	4.3	6.1	25.0	2.1
7	2.2	3.2	2.2	4.3	4.3	6.4	6.4	7.5	7.6	8.7	8.8	8.9	20.0	7.8	21.1	8.9	11.0	20.8	10.9	13.0	8.7	0.0	2.2	5.5	8.3	21.1	0.0
8	4.4	9.9	9.9	4.4	30.6	10.9	9.8	5.4	5.5	8.8	6.6	3.3	2.2	7.8	12.2	10.0	13.2	13.2	8.7	6.5	7.6	6.5	6.5	9.8	8.9	30.6	2.2
9	10.8	5.4	1.1	3.2	6.5	6.5	4.3	5.3	6.5	9.7	13.1	8.7	7.7	32.9	8.8	8.8	6.6	3.3	3.3	3.2	2.2	0.0	3.2	5.3	6.9	32.9	0.0
10	7.5	7.5	6.4	5.3	5.3	5.3	4.3	5.3	5.4	22.6	9.7	2.2	-1.1	3.3	2.2	2.2	0.0	1.1	3.2	0.0	0.0	4.3	2.1	2.1	4.4	22.6	-1.1
11	1.1	-1.1	2.1	6.4	6.4	2.1	0.0	5.3	7.5	6.5	5.4	3.3	5.5	3.3	3.3	6.6	2.2	0.0	1.1	3.3	5.4	6.5	2.2	1.1	3.6	7.5	-1.1
12	4.3	4.3	4.3	4.3	3.2	3.2	2.1	2.1	3.2	4.3	5.4	5.5	3.3	1.1	1.1	1.1	5.5	6.5	3.3	4.3	4.3	4.3	3.2	2.1	3.6	6.5	1.1
13	1.1	1.1	1.1	3.2	3.2	2.1	1.1	2.2	6.5	7.6	7.6	6.6	3.3	3.3	4.4	7.8	11.0	16.4	12.0	9.7	19.4	14.0	8.6	4.3	6.6	19.4	1.1
14	5.4	2.2	2.2	3.2	2.1	4.3	4.3	9.6	9.7	5.5	2.2	3.3	5.6	2.2	4.5	10.0	21.0	14.2	19.6	21.6	11.9	9.7	6.5	17.2	8.3	21.6	2.1
15	6.5	5.4	2.2	2.2	2.2	6.5	19.3	25.7	7.6	6.6	5.5	8.9	9.0	5.6	7.9	9.0	6.7	22.1	18.6	10.9	9.9	6.6	7.6	8.7	9.2	25.7	2.2
16	5.4	2.2	3.3	4.4	3.3	5.4	6.5	8.7	11.0	8.8	7.8	7.9	5.6	4.5	2.2	4.5	24.4	26.5	18.6	17.5	13.1	20.8	14.2	12.0	9.9	26.5	2.2
17	8.7	8.7	7.6	5.4	5.4	31.2	72.5	68.0	81.4	115.0	102.0	68.2	70.5	119.0	123.0	63.9	64.8	36.4	34.1	35.0	31.8	32.7	31.7	19.0	51.5	123.0	5.4
18	25.3	21.0	18.9	10.5	15.6	6.3	6.3	6.3	8.5	7.5	6.5	3.2	3.3	5.5	4.4	6.6	7.6	10.8	17.3	19.5	19.5	25.9	21.6	20.5	12.4	25.9	3.2
19	17.2	22.6	21.5	17.2	12.9	23.6	25.7	26.7	58.0	18.4	21.7	19.6	15.3	18.7	12.1	12.1	16.4	19.6	--	--	--	--	--	--	21.1	58.0	12.1
20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--	11.8	9.6	7.5	27.0	60.0	10.7	10.7	9.6	28.9	22.4	3.2	7.4	6.3	3.2	3.2	--	60.0	3.2
22	3.2	4.2	4.2	6.3	8.4	8.4	6.3	8.3	9.5	7.5	5.4	3.2	1.1	3.3	6.5	7.6	21.5	2.1	5.3	7.4	7.4	6.3	3.2	2.1	6.2	21.5	1.1
23	3.2	5.3	6.4	4.2	1.1	3.2	5.3	7.4	8.5	6.4	6.5	4.3	0.0	3.3	2.2	3.3	4.4	7.6	6.4	3.2	4.3	5.3	3.2	3.2	4.5	8.5	0.0
24	5.3	4.2	2.1	2.1	-1.1	4.3	243.0	61.1	8.6	18.3	62.8	9.8	23.9	4.4	5.5	3.3	3.3	6.5	5.4	3.2	3.2	4.3	3.2	3.2	20.4	243.0	-1.1
25	4.3	3.2	3.2	4.3	5.4	4.3	5.3	5.3	4.3	16.2	13.0	9.8	5.4	3.3	4.4	4.4	4.4	8.7	10.8	11.9	15.1	12.9	12.9	13.9	7.8	16.2	3.2
26	11.8	10.7	17.1	13.9	18.2	17.1	20.3	17.1	12.9	17.1	19.3	19.4	15.2	13.0	10.9	8.7	9.8	9.7	9.7	19.4	15.0	17.2	7.5	8.6	14.2	20.3	7.5
27	11.8	23.5	233.0	31.6	106.0	15.7	13.5	11.5	18.9	26.3	35.8	19.1	10.6	12.8	12.8	10.6	17.0	22.3	9.5	9.5	9.4	7.2	2.1	-2.1	27.9	233.0	-2.1
28	0.0	2.1	4.2	18.7	17.7	22.9	23.9	24.9	39.5	30.3	29.3	29.5	32.8	33.0	28.6	15.9	6.3	6.3	7.4	7.4	7.4	9.5	10.5	9.5	17.4	39.5	0.0
29	8.4	8.4	9.4	10.4	11.5	10.4	9.3	12.4	20.9	14.8	13.8	9.6	6.4	4.3	3.2	3.2	6.3	6.3	4.2	5.2	3.1	3.1	2.1	0.0	7.8	20.9	0.0
30	0.0	2.1	0.0	0.0	1.0	1.0	1.0	3.1	5.2	5.2	2.1	0.0	1.1	2.1	1.1	4.3	5.3	3.2	6.3	5.2	5.2	6.3	-1.0	0.0	2.5	6.3	-1.0
Avg	7.3	7.2	14.7	7.2	10.8	9.1	20.1	17.7	14.2	15.7	16.4	11.0	11.4	13.6	12.1	9.8	16.0	12.8	13.0	10.3	10.3	9.4	7.3	7.0	11.9	--	--
Max	25.3	23.5	233.0	31.6	106.0	31.2	243.0	96.7	81.4	115.0	102.0	68.2	70.5	119.0	123.0	63.9	71.1	36.4	48.1	35.0	31.8	32.7	31.7	20.5	--	243.0	--
Min	0.0	-1.1	0.0	0.0	-1.1	1.0	0.0	2.1	3.2	4.3	2.1	0.0	-1.1	1.1	1.1	1.1	0.0	0.0	1.1	0.0	0.0	0.0	-1.0	-2.1	--	--	-2.1

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table125, West_Plant_conc_PM10_STP"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	3.1	1.0	0.0	1.0	2.1	4.2	4.2	3.1	1.1	4.2	6.4	5.4	2.2	1.1	7.5	9.6	6.4	4.2	6.3	7.3	5.2	6.3	7.3	5.2	4.4	9.6	0.0
2	4.2	3.1	1.1	4.2	6.3	7.3	7.3	3.1	5.2	10.6	7.5	6.5	8.6	9.6	10.6	8.5	9.5	12.7	10.5	7.4	9.4	9.5	10.6	9.6	7.6	12.7	1.1
3	6.4	5.3	4.2	4.2	4.2	3.2	4.2	5.2	5.3	4.3	3.2	4.3	3.2	8.6	9.7	4.3	5.4	6.4	8.5	8.5	8.5	8.5	4.2	5.3	5.6	9.7	3.2
4	6.3	6.3	4.2	2.1	-2.1	0.0	4.2	3.1	6.3	5.3	3.2	18.3	2.2	2.2	6.5	20.6	4.3	7.5	23.4	6.4	8.5	6.4	4.3	6.4	6.5	23.4	-2.1
5	4.3	3.2	3.2	2.1	4.2	5.3	1.1	5.3	8.5	6.4	6.5	4.3	--	--	28.3	5.4	19.4	14.0	19.2	30.9	8.5	10.6	8.5	5.3	9.3	30.9	1.1
6	5.3	4.2	6.3	6.4	28.5	12.6	8.5	7.4	12.7	14.9	12.9	7.6	18.4	11.9	30.4	18.4	7.6	9.7	17.1	9.6	9.5	9.5	9.5	10.6	12.1	30.4	4.2
7	11.6	11.7	8.5	10.6	14.7	11.6	8.4	9.5	11.7	11.8	8.6	8.6	11.9	16.2	22.6	18.2	24.6	18.1	15.9	17.9	7.4	8.4	9.4	9.4	12.8	24.6	7.4
8	8.4	8.4	7.4	7.4	10.5	10.5	11.5	11.5	11.6	9.6	11.8	11.9	7.6	10.9	13.0	12.9	21.5	16.0	17.0	14.8	13.7	11.6	11.6	12.6	11.8	21.5	7.4
9	10.6	8.5	11.6	12.6	9.5	9.5	11.6	10.5	10.5	8.5	5.3	6.4	8.6	7.6	9.8	9.8	6.5	7.5	9.6	7.5	6.4	5.3	2.1	2.1	8.2	12.6	2.1
10	3.2	3.2	6.4	7.4	6.4	4.3	5.3	5.3	5.3	3.2	2.2	6.5	6.6	4.4	7.6	16.3	18.5	12.9	21.4	13.9	13.9	14.9	12.8	8.5	8.8	21.4	2.2
11	9.6	9.6	4.3	5.3	7.4	5.3	6.4	9.5	10.6	9.7	8.7	6.6	6.6	6.6	37.2	12.0	8.7	5.4	21.5	9.6	7.5	9.6	7.5	1.1	9.4	37.2	1.1
12	4.3	6.4	4.3	4.2	7.4	5.3	8.5	38.2	13.9	11.9	9.8	6.6	6.6	9.9	19.7	6.6	--	--	--	--	--	--	--	--	--	38.2	4.2
13	--	--	--	--	--	--	--	--	--	6.5	7.6	6.6	23.0	8.8	8.8	5.5	3.3	5.4	6.5	7.5	8.5	9.7	7.5	4.3	--	23.0	3.3
14	1.1	0.0	4.3	5.3	2.1	3.2	4.3	3.2	2.1	4.3	5.4	5.5	5.5	6.6	6.6	5.5	30.7	51.2	7.6	8.6	5.4	1.1	1.1	-1.1	7.1	51.2	-1.1
15	0.0	0.0	0.0	2.2	3.2	3.2	2.2	3.2	4.3	4.4	4.4	3.3	4.5	4.5	28.9	8.9	6.6	6.6	4.4	0.0	3.3	6.5	4.3	6.5	4.8	28.9	0.0
16	9.7	11.7	9.5	6.4	3.2	3.2	4.3	3.2	4.3	6.4	3.2	0.0	2.2	4.4	4.4	4.4	7.7	9.8	6.5	72.8	84.7	47.8	41.2	119.0	19.6	119.0	0.0
17	60.6	27.0	39.7	117.0	126.0	20.1	25.2	80.2	102.0	116.0	83.8	78.9	73.9	63.5	57.1	53.8	46.2	41.8	43.7	39.4	39.4	38.2	38.3	36.2	60.3	126.0	20.1
18	31.0	30.0	33.1	31.9	29.8	27.6	22.6	24.7	27.0	23.0	14.7	13.7	9.6	7.5	7.5	4.3	6.4	9.6	9.5	8.5	9.5	9.5	9.5	8.4	17.0	33.1	4.3
19	8.4	10.5	13.7	16.9	13.7	14.7	11.6	9.5	12.6	12.7	9.6	11.7	12.8	9.7	8.6	10.8	9.7	10.7	18.2	16.1	11.7	13.9	14.9	18.1	12.5	18.2	8.4
20	19.1	15.9	16.0	20.2	17.0	18.0	15.9	21.2	19.1	20.2	18.2	22.6	22.7	20.5	19.5	20.5	18.3	17.2	19.4	10.8	12.9	18.3	12.9	16.1	18.0	22.7	10.8
21	16.1	12.9	17.2	18.2	18.2	13.9	9.6	6.4	7.4	6.4	6.4	6.4	6.4	7.5	5.4	5.4	4.3	2.2	2.2	3.2	2.2	4.3	6.4	5.3	8.1	18.2	2.2
22	2.1	1.1	0.0	-1.1	1.1	3.2	2.2	2.1	1.1	0.0	3.2	7.5	2.1	-2.2	3.2	2.1	2.1	3.2	1.1	3.2	6.4	5.3	4.2	4.2	2.4	7.5	-2.2
23	5.3	7.4	6.3	5.3	5.3	3.2	3.2	4.2	3.2	3.2	2.1	-1.1	1.1	--	--	--	--	--	--	--	--	--	--	--	--	7.4	-1.1
24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Avg	10.5	8.5	9.1	13.2	14.5	8.6	8.3	12.3	13.0	13.2	10.7	10.8	11.2	10.5	16.0	12.0	12.7	12.9	13.8	14.5	13.4	12.1	10.9	14.0	12.3	--	--
Max	60.6	30.0	39.7	117.0	126.0	27.6	25.2	80.2	102.0	116.0	83.8	78.9	73.9	63.5	57.1	53.8	46.2	51.2	43.7	72.8	84.7	47.8	41.2	119.0	--	126.0	--
Min	0.0	0.0	0.0	-1.1	-2.1	0.0	1.1	2.1	1.1	0.0	2.1	-1.1	1.1	-2.2	3.2	2.1	2.1	2.2	1.1	0.0	2.2	1.1	1.1	-1.1	--	--	-2.2

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table126, conc_PM25"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	5	4	4	4	1	-1	0	1	--	--	--	--	--	-2	-2	1	2	3	3	2	2	3	2	1	1.74	5	-2
2	2	4	4	2	2	2	2	2	1	0	1	1	1	4	4	3	4	2	0	2	4	5	0	-1	2.13	5	-1
3	4	4	3	2	1	3	2	1	--	2	1	1	1	--	2	3	2	4	--	--	--	--	4	5	2.5	5	1
4	9	7	6	6	7	--	9	--	--	--	6	5	6	5	--	--	--	--	--	--	--	--	--	--	--	9	5
5	--	4	--	5	5	3	6	--	7	5	2	2	2	1	--	3	4	3	3	3	3	3	5	4	3.65	7	1
6	5	7	5	3	3	5	7	5	5	6	5	4	4	4	2	5	7	5	5	7	7	5	7	9	5.29	9	2
7	5	3	6	6	3	2	3	6	8	8	7	7	5	3	3	1	1	5	4	4	4	3	3	4	4.33	8	1
8	4	5	9	9	6	6	7	7	5	3	5	2	0	1	5	5	4	6	5	4	5	6	5	2	4.83	9	0
9	1	4	4	1	4	6	4	4	2	0	1	2	1	-1	1	1	3	5	2	4	6	6	6	6	3.04	6	-1
10	6	4	--	0	2	4	3	3	1	1	3	5	2	2	5	7	6	5	6	5	6	5	2	4	3.78	7	0
11	6	6	6	6	5	5	3	3	5	3	3	2	1	2	2	4	6	5	5	6	7	6	4	6	4.46	7	1
12	5	4	3	2	3	2	2	6	5	0	-2	-1	1	4	6	5	5	5	3	4	5	4	3	3	3.21	6	-2
13	3	4	4	5	6	5	4	5	6	6	4	3	2	1	2	1	0	4	4	4	5	3	1	3	3.54	6	0
14	1	1	4	5	2	4	--	3	2	-2	-2	0	2	4	5	5	--	--	--	--	--	--	--	--	--	5	-2
15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	-1	-3	-1	2	3	5	6	3	1	--	6	-3
20	0	1	0	-2	4	4	2	4	4	5	4	2	3	4	3	4	6	9	8	6	6	6	8	7	4.08	9	-2
21	4	3	3	6	6	9	10	7	6	6	4	3	3	5	6	4	4	7	7	5	6	6	5	3	5.33	10	3
22	5	6	3	6	9	7	5	6	6	5	5	4	3	5	6	6	7	8	9	9	7	7	8	8	6.25	9	3
23	7	6	4	5	--	6	5	6	6	6	5	6	3	2	4	6	4	5	9	7	5	5	4	5	5.26	9	2
24	4	3	3	5	6	6	6	4	5	7	6	6	7	4	3	5	5	5	5	6	6	5	4	6	5.08	7	3
25	3	1	4	3	4	5	6	7	4	4	4	3	3	2	4	6	8	5	3	4	3	4	5	6	4.21	8	1
26	5	4	4	3	4	4	5	7	19	6	4	1	0	-1	-3	0	2	3	3	1	2	2	2	3	3.33	19	-3
27	3	2	3	4	3	5	6	5	5	5	--	--	--	2	0	-2	-1	4	6	6	--	0	1	2	2.95	6	-2
28	3	3	0	0	5	5	4	6	7	6	2	2	2	0	1	3	2	1	4	6	4	3	6	6	3.38	7	0
29	5	4	3	4	4	2	2	0	-1	1	4	2	0	1	2	1	2	3	4	4	3	4	4	2	2.5	5	-1
30	0	0	0	3	1	-2	2	2	2	4	1	0	3	5	3	3	3	3	2	1	2	1	2	5	1.92	5	-2
31	3	2	2	2	5	4	3	4	6	5	2	2	1	2	3	1	3	5	5	4	4	5	5	5	3.46	6	1
Avg	3.92	3.69	3.63	3.65	4.04	4.04	4.32	4.33	5.04	3.83	3.13	2.67	2.33	2.36	2.68	3.08	3.44	4.36	4.46	4.46	4.65	4.29	3.96	4.2	3.76	--	--
Max	9	7	9	9	9	9	10	7	19	8	7	7	7	5	6	7	8	9	9	9	7	7	8	9	--	19	--
Min	0	0	0	-2	1	-2	0	0	-1	-2	-2	-1	0	-2	-3	-2	-3	-1	0	1	2	0	0	-1	--	--	-3

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table126, conc_PM25"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4	3	6	6	4	5	4	4	6	6	4	2	1	4	3	2	4	5	6	6	3	2	2	6	4.08	6	1
2	5	2	1	4	4	3	3	9	7	4	6	3	-1	-2	-2	-2	3	7	6	5	6	5	2	2	3.33	9	-2
3	1	1	1	0	1	3	3	3	4	5	3	2	1	0	3	4	5	5	3	5	6	7	6	5	3.21	7	0
4	5	4	5	5	4	4	6	5	2	4	3	2	2	4	5	4	4	4	5	5	6	3	3	5	4.13	6	2
5	5	3	1	3	5	5	3	3	4	5	6	5	4	4	3	2	2	5	6	5	5	6	6	4	4.17	6	1
6	7	6	4	4	3	3	4	4	3	2	2	3	3	1	2	1	1	4	7	5	3	4	2	1	3.29	7	1
7	4	5	4	1	1	3	4	6	6	4	1	0	0	2	1	1	4	4	4	2	3	6	5	3	3.08	6	0
8	3	4	4	3	3	2	4	6	5	1	0	1	4	4	7	9	5	4	5	4	4	5	6	5	4.08	9	0
9	4	3	3	3	3	4	3	3	2	1	3	3	0	1	2	1	0	0	2	5	5	5	4	4	2.67	5	0
10	4	0	0	3	3	5	6	3	1	1	2	2	1	1	2	1	0	4	6	3	2	2	3	2	2.38	6	0
11	5	5	4	3	3	3	3	4	4	4	3	1	1	1	0	1	2	4	4	4	5	3	4	6	3.21	6	0
12	3	3	3	2	3	3	4	4	5	4	6	3	-1	0	1	2	3	7	7	5	6	3	3	4	3.46	7	-1
13	4	3	1	2	2	3	4	4	4	4	3	4	3	1	2	2	2	4	4	5	5	5	6	5	3.42	6	1
14	4	4	5	5	4	2	2	3	3	3	3	2	-1	-2	0	1	3	6	7	6	5	4	3	2	3.08	7	-2
15	4	5	4	3	4	4	6	7	6	7	7	6	1	0	4	3	4	4	4	3	2	3	4	3	4.08	7	0
16	1	1	3	5	3	0	0	0	3	4	3	3	3	2	2	3	3	3	6	5	2	3	1	1	2.5	6	0
17	4	3	2	4	5	5	8	12	14	16	14	12	10	15	14	11	7	5	6	9	9	9	7	6	8.63	16	2
18	6	6	6	6	6	5	5	5	2	1	0	-1	-1	1	1	3	5	4	5	6	6	6	6	6	3.96	6	-1
19	4	2	7	9	3	3	6	5	5	5	7	8	--	--	--	--	--	--	--	--	--	--	--	--	--	9	2
20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--	5	3	1	4	6	5	5	3	2	3	4	6	2	1	3	--	6	1
22	3	3	5	2	3	4	2	2	3	3	4	4	1	1	3	1	5	6	4	5	5	6	7	4	3.58	7	1
23	5	7	1	1	4	5	7	7	4	3	1	-1	0	3	5	4	4	3	1	2	4	5	6	7	3.67	7	-1
24	5	3	4	4	4	2	4	6	2	3	4	4	4	2	-1	0	5	4	4	6	7	5	3	1	3.54	7	-1
25	3	5	4	6	6	4	4	4	2	2	3	3	4	4	2	4	4	4	4	3	3	3	2	1	3.5	6	1
26	2	5	5	5	4	4	6	6	6	5	3	3	2	3	6	5	4	6	6	5	6	6	5	5	4.71	6	2
27	2	2	19	8	8	6	2	3	5	5	6	3	3	5	2	2	3	2	0	2	4	2	5	6	4.38	19	0
28	4	3	3	6	6	6	7	7	7	6	6	5	4	5	--	4	3	1	3	4	2	2	4	7	4.57	7	1
29	6	4	5	6	6	7	7	8	7	5	5	5	3	1	1	1	3	5	4	3	2	5	8	7	4.75	8	1
30	5	3	2	3	2	2	4	4	2	1	1	4	3	2	2	2	0	1	6	6	2	2	2	3	2.67	6	0
Avg	4	3.5	4	4	3.82	3.75	4.32	4.89	4.43	4.1	3.86	3.17	2.07	2.46	2.78	2.75	3.25	4.04	4.57	4.57	4.43	4.25	4.14	4.07	3.78	--	--
Max	7	7	19	9	8	7	8	12	14	16	14	12	10	15	14	11	7	7	7	9	9	9	8	7	--	19	--
Min	1	0	0	0	1	0	0	0	1	1	0	-1	-1	-2	-2	-2	0	0	0	2	2	2	1	1	--	--	-2

-- Indicates Invalid Data

SAROAD for Resolution, West_Plant
"Component, Channel: Table126, conc_PM25"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	1	0	1	1	4	5	4	3	4	5	5	2	3	5	1	0	2	4	6	3	3	5	3	2	3	6	0
2	2	2	1	2	3	3	3	4	5	5	6	3	--	--	--	--	--	--	--	--	--	--	--	--	--	6	1
3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	3	6	5	3	-2	0	2	0	2	4	6	4	3	5	5	3	--	6	-2
6	1	4	4	3	3	3	4	4	4	4	6	7	4	3	0	1	5	6	6	6	8	7	6	6	4.38	8	0
7	4	4	5	6	5	4	6	7	7	5	3	4	5	6	6	7	10	7	3	5	6	4	6	6	5.46	10	3
8	3	4	6	6	6	7	8	9	8	8	8	7	6	7	6	5	7	8	7	2	3	6	7	6	6.25	9	2
9	4	4	4	5	6	5	5	5	5	5	5	4	4	6	4	1	3	4	4	3	2	3	4	2	4.04	6	1
10	0	0	0	1	2	5	5	2	3	3	1	3	4	2	3	3	4	3	2	7	7	5	4	3	3	7	0
11	2	2	4	3	2	2	4	3	4	5	5	6	3	4	3	1	2	3	3	1	3	6	5	4	3.33	6	1
12	2	2	4	3	0	1	1	1	4	6	5	2	0	1	1	-1	--	--	--	--	--	--	--	--	--	6	-1
13	-2	-1	4	4	3	4	5	4	3	4	1	1	4	1	1	4	3	3	4	3	3	3	3	3	2.71	5	-2
14	4	4	3	2	1	3	4	1	1	4	3	-1	0	0	0	2	2	4	4	6	7	2	0	0	2.33	7	-1
15	1	0	2	2	0	0	1	2	2	1	0	0	-1	0	3	4	2	1	3	3	1	3	5	3	1.58	5	-1
16	2	6	6	2	2	4	1	-1	3	4	3	3	1	2	5	1	-1	2	2	3	9	10	5	5	3.29	10	-1
17	8	6	6	16	17	7	9	11	12	16	14	13	9	8	9	9	8	7	8	7	7	8	7	6	9.5	17	6
18	5	6	8	8	6	5	7	6	6	8	6	4	4	4	0	-2	1	3	4	5	3	0	3	6	4.42	8	-2
19	7	7	4	2	3	3	2	4	3	2	3	2	3	4	3	3	5	6	6	4	3	5	5	5	3.92	7	2
20	3	6	6	5	6	5	7	7	5	6	5	5	6	5	4	6	6	6	8	6	4	4	4	4	5.38	8	3
21	4	5	5	3	6	7	4	4	4	4	3	2	2	3	3	2	4	3	0	0	3	3	0	2	3.17	7	0
22	4	2	2	6	6	2	-1	1	1	0	1	3	4	2	3	3	3	2	2	5	4	3	4	4	2.75	6	-1
23	5	5	5	6	3	3	4	6	4	2	3	2	3	3	1	0	3	4	1	-1	-1	0	3	3	2.79	6	-1
24	3	2	0	1	1	0	0	1	3	3	0	0	1	1	3	5	6	3	1	0	1	2	2	2	1.71	6	0
25	3	3	3	4	4	4	5	5	5	4	4	6	6	6	4	2	2	4	7	7	5	3	3	2	4.21	7	2
26	1	1	1	2	3	3	5	6	6	5	4	3	1	1	1	0	1	5	5	5	3	1	3	3	2.88	6	0
27	1	1	3	2	2	4	3	1	1	2	2	2	0	--	-1	2	3	1	2	4	5	3	0	1	1.91	5	-1
28	1	0	1	4	4	3	3	1	1	4	5	2	0	0	1	4	4	3	4	4	3	5	6	3	2.75	6	0
29	1	1	4	4	2	1	2	3	2	2	2	1	3	4	1	2	4	4	1	0	0	1	3	5	2.21	5	0
30	4	4	5	4	1	3	4	3	3	3	1	-1	1	0	2	2	0	2	3	4	3	2	4	6	2.63	6	-1
31	6	7	8	9	11	13	10	8	6	4	4	4	6	4	6	6	5	5	6	5	5	7	10	7	6.75	13	4
Avg	2.86	3.11	3.75	4.14	4	3.89	4.11	3.96	4.07	4.48	3.9	3.17	2.86	3.04	2.68	2.57	3.56	3.96	4	3.74	3.81	3.93	4.07	3.78	3.7	--	--
Max	8	7	8	16	17	13	10	11	12	16	14	13	9	8	9	9	10	8	8	7	9	10	10	7	--	17	--
Min	-2	-1	0	1	0	0	-1	-1	1	0	0	-1	-2	0	-1	-2	-1	1	0	-1	-1	0	0	0	--	--	-2

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table125, conc_PM10"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.0	4.0	7.0	7.0	5.0	4.0	4.0	2.0	3.0	6.0	5.0	4.0	4.0	5.0	6.0	7.0	4.0	4.0	6.0	5.0	10.0	18.0	7.0	9.0	5.8	18.0	2.0
2	13.0	8.0	10.0	8.0	8.0	7.0	3.0	1.0	11.0	10.0	13.0	6.0	3.0	3.0	1.0	1.0	14.0	8.0	3.0	5.0	6.0	4.0	1.0	3.0	6.3	14.0	1.0
3	3.0	4.0	4.0	4.0	6.0	7.0	5.0	4.0	5.0	4.0	7.0	12.0	81.0	26.0	14.0	16.0	17.0	28.0	41.0	24.0	16.0	22.0	24.0	23.0	16.5	81.0	3.0
4	21.0	24.0	23.0	20.0	17.0	19.0	18.0	18.0	25.0	22.0	21.0	18.0	16.0	18.0	19.0	17.0	17.0	17.0	19.0	21.0	19.0	17.0	20.0	16.0	19.2	25.0	16.0
5	18.0	16.0	18.0	12.0	15.0	21.0	16.0	14.0	19.0	15.0	17.0	12.0	9.0	13.0	17.0	8.0	11.0	17.0	18.0	14.0	22.0	14.0	12.0	19.0	15.3	22.0	8.0
6	15.0	10.0	17.0	17.0	19.0	10.0	14.0	13.0	16.0	19.0	21.0	18.0	20.0	20.0	16.0	15.0	16.0	11.0	18.0	20.0	22.0	18.0	19.0	15.0	16.6	22.0	10.0
7	13.0	13.0	13.0	17.0	12.0	8.0	29.0	32.0	16.0	13.0	15.0	24.0	10.0	9.0	6.0	5.0	8.0	7.0	9.0	8.0	23.0	22.0	26.0	28.0	15.3	32.0	5.0
8	31.0	20.0	18.0	23.0	24.0	20.0	16.0	19.0	19.0	15.0	16.0	10.0	10.0	8.0	9.0	11.0	8.0	11.0	23.0	20.0	4.0	5.0	5.0	5.0	14.6	31.0	4.0
9	5.0	4.0	5.0	3.0	1.0	2.0	4.0	10.0	6.0	6.0	8.0	6.0	27.0	7.0	6.0	5.0	8.0	7.0	7.0	15.0	15.0	5.0	6.0	8.0	7.3	27.0	1.0
10	6.0	11.0	7.0	5.0	7.0	7.0	7.0	5.0	10.0	7.0	9.0	8.0	22.0	12.0	12.0	8.0	7.0	5.0	5.0	6.0	16.0	16.0	9.0	11.0	9.1	22.0	5.0
11	11.0	12.0	11.0	9.0	11.0	8.0	6.0	5.0	15.0	9.0	6.0	10.0	8.0	16.0	7.0	15.0	8.0	22.0	20.0	14.0	16.0	16.0	18.0	17.0	12.1	22.0	5.0
12	15.0	17.0	13.0	12.0	16.0	12.0	12.0	12.0	10.0	8.0	6.0	5.0	4.0	5.0	14.0	22.0	29.0	30.0	26.0	22.0	24.0	27.0	19.0	21.0	15.9	30.0	4.0
13	16.0	17.0	13.0	13.0	12.0	8.0	9.0	9.0	6.0	10.0	10.0	9.0	7.0	8.0	12.0	12.0	9.0	13.0	16.0	15.0	9.0	9.0	12.0	12.0	11.1	17.0	6.0
14	12.0	11.0	8.0	11.0	8.0	6.0	5.0	7.0	7.0	10.0	23.0	7.0	11.0	9.0	9.0	6.0	7.0	11.0	16.0	13.0	11.0	17.0	14.0	12.0	10.5	23.0	5.0
15	17.0	13.0	11.0	13.0	11.0	10.0	10.0	10.0	13.0	14.0	16.0	8.0	16.0	11.0	10.0	14.0	11.0	14.0	17.0	19.0	18.0	27.0	27.0	28.0	14.9	28.0	8.0
16	20.0	23.0	12.0	16.0	11.0	13.0	10.0	11.0	18.0	12.0	8.0	7.0	9.0	11.0	12.0	70.0	14.0	13.0	14.0	13.0	12.0	18.0	26.0	14.0	16.1	70.0	7.0
17	12.0	14.0	13.0	10.0	9.0	11.0	11.0	11.0	10.0	12.0	8.0	12.0	12.0	13.0	14.0	14.0	19.0	17.0	22.0	27.0	20.0	19.0	19.0	15.0	14.3	27.0	8.0
18	15.0	18.0	14.0	12.0	15.0	14.0	11.0	10.0	10.0	11.0	17.0	11.0	8.0	10.0	16.0	19.0	26.0	20.0	19.0	17.0	18.0	17.0	17.0	13.0	14.9	26.0	8.0
19	11.0	17.0	15.0	13.0	12.0	11.0	13.0	11.0	16.0	14.0	12.0	18.0	16.0	22.0	26.0	24.0	26.0	22.0	34.0	33.0	23.0	16.0	14.0	23.0	18.4	34.0	11.0
20	8.0	9.0	8.0	8.0	6.0	7.0	6.0	7.0	18.0	9.0	22.0	22.0	28.0	29.0	34.0	45.0	38.0	40.0	34.0	32.0	32.0	34.0	34.0	41.0	23.0	45.0	6.0
21	48.0	40.0	37.0	30.0	28.0	21.0	18.0	23.0	35.0	24.0	23.0	16.0	12.0	9.0	12.0	15.0	9.0	15.0	14.0	16.0	18.0	18.0	19.0	12.0	21.3	48.0	9.0
22	12.0	18.0	15.0	19.0	14.0	15.0	137.0	14.0	16.0	120.0	13.0	15.0	11.0	18.0	23.0	30.0	24.0	26.0	28.0	23.0	32.0	30.0	28.0	30.0	29.6	137.0	11.0
23	25.0	21.0	23.0	20.0	21.0	18.0	20.0	19.0	23.0	23.0	17.0	17.0	17.0	14.0	14.0	10.0	15.0	14.0	17.0	13.0	16.0	15.0	18.0	20.0	17.9	25.0	10.0
24	21.0	11.0	15.0	16.0	11.0	12.0	17.0	13.0	22.0	15.0	10.0	13.0	13.0	25.0	25.0	21.0	27.0	20.0	24.0	24.0	39.0	10.0	33.0	16.0	18.9	39.0	10.0
25	10.0	6.0	8.0	12.0	10.0	11.0	9.0	12.0	14.0	17.0	15.0	15.0	9.0	5.0	5.0	6.0	10.0	20.0	17.0	25.0	17.0	12.0	8.0	8.0	11.7	25.0	5.0
26	13.0	12.0	9.0	9.0	9.0	10.0	7.0	7.0	8.0	9.0	11.0	12.0	6.0	1.0	3.0	3.0	6.0	13.0	18.0	12.0	10.0	14.0	10.0	9.0	9.2	18.0	1.0
27	15.0	13.0	8.0	10.0	7.0	7.0	5.0	10.0	--	--	11.0	13.0	11.0	8.0	9.0	8.0	11.0	10.0	11.0	9.0	10.0	12.0	8.0	10.0	9.8	15.0	5.0
28	14.0	13.0	12.0	13.0	14.0	20.0	20.0	11.0	19.0	16.0	15.0	12.0	10.0	23.0	27.0	18.0	15.0	19.0	29.0	28.0	21.0	19.0	27.0	30.0	18.5	30.0	10.0
29	24.0	24.0	22.0	18.0	17.0	14.0	12.0	13.0	13.0	13.0	8.0	4.0	2.0	1.0	1.0	5.0	5.0	5.0	10.0	9.0	17.0	11.0	8.0	7.0	11.0	24.0	1.0
30	29.0	27.0	18.0	19.0	17.0	11.0	10.0	11.0	9.0	19.0	7.0	11.0	13.0	17.0	11.0	9.0	7.0	12.0	10.0	19.0	17.0	26.0	17.0	18.0	15.2	29.0	7.0
31	11.0	14.0	10.0	10.0	6.0	4.0	8.0	8.0	13.0	11.0	10.0	17.0	16.0	24.0	14.0	14.0	24.0	25.0	21.0	13.0	15.0	20.0	29.0	29.0	15.3	29.0	4.0
Avg	15.7	15.0	13.5	13.2	12.2	11.2	15.2	11.4	14.2	16.4	12.9	12.0	14.2	12.9	13.0	15.3	14.5	16.0	18.3	17.2	17.7	17.0	17.2	16.8	14.7	--	--
Max	48.0	40.0	37.0	30.0	28.0	21.0	137.0	32.0	35.0	120.0	23.0	24.0	81.0	29.0	34.0	70.0	38.0	40.0	41.0	33.0	39.0	34.0	34.0	41.0	--	137.0	--
Min	3.0	4.0	4.0	3.0	1.0	2.0	3.0	1.0	3.0	4.0	5.0	4.0	2.0	1.0	1.0	1.0	4.0	4.0	3.0	5.0	4.0	4.0	1.0	3.0	--	--	1.0

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table125, conc_PM10"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	29.0	19.0	12.0	17.0	20.0	10.0	15.0	15.0	11.0	8.0	9.0	11.0	23.0	26.0	23.0	19.0	26.0	18.0	22.0	20.0	20.0	19.0	21.0	20.0	18.0	29.0	8.0
2	19.0	19.0	18.0	16.0	16.0	20.0	12.0	34.0	27.0	16.0	41.0	22.0	18.0	20.0	26.0	28.0	34.0	36.0	43.0	46.0	42.0	24.0	12.0	7.0	24.8	46.0	7.0
3	11.0	9.0	7.0	22.0	12.0	11.0	12.0	7.0	6.0	11.0	14.0	17.0	68.0	52.0	17.0	985.0	26.0	20.0	11.0	10.0	10.0	8.0	7.0	7.0	56.7	985.0	6.0
4	7.0	8.0	15.0	9.0	6.0	11.0	12.0	9.0	7.0	4.0	4.0	6.0	7.0	7.0	5.0	7.0	8.0	9.0	11.0	8.0	7.0	14.0	10.0	10.0	8.4	15.0	4.0
5	8.0	6.0	6.0	5.0	4.0	4.0	3.0	6.0	7.0	8.0	7.0	5.0	4.0	6.0	9.0	7.0	11.0	9.0	14.0	14.0	12.0	12.0	15.0	9.0	8.0	15.0	3.0
6	7.0	--	5.0	8.0	8.0	9.0	9.0	7.0	4.0	6.0	5.0	7.0	7.0	7.0	10.0	12.0	14.0	11.0	13.0	13.0	12.0	10.0	10.0	9.0	8.8	14.0	4.0
7	7.0	8.0	11.0	9.0	6.0	6.0	5.0	8.0	10.0	6.0	6.0	7.0	16.0	14.0	14.0	15.0	14.0	16.0	17.0	17.0	20.0	13.0	11.0	7.0	11.0	20.0	5.0
8	9.0	5.0	4.0	6.0	6.0	4.0	3.0	5.0	70.0	7.0	53.0	14.0	13.0	10.0	10.0	11.0	15.0	13.0	12.0	18.0	11.0	8.0	9.0	8.0	13.5	70.0	3.0
9	9.0	7.0	8.0	12.0	8.0	9.0	8.0	8.0	6.0	8.0	7.0	19.0	9.0	13.0	9.0	11.0	10.0	6.0	5.0	6.0	6.0	5.0	6.0	6.0	8.4	19.0	5.0
10	7.0	8.0	9.0	7.0	13.0	8.0	10.0	93.0	29.0	18.0	18.0	81.0	10.0	8.0	5.0	4.0	4.0	5.0	5.0	4.0	2.0	3.0	6.0	6.0	15.1	93.0	2.0
11	6.0	7.0	6.0	4.0	6.0	6.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0	7.0	6.0	13.0	10.0	10.0	9.0	6.0	5.0	6.8	13.0	4.0
12	6.0	6.0	6.0	4.0	4.0	4.0	7.0	7.0	6.0	8.0	5.0	2.0	6.0	5.0	4.0	8.0	6.0	10.0	10.0	13.0	11.0	7.0	8.0	6.0	6.6	13.0	2.0
13	6.0	9.0	7.0	6.0	9.0	7.0	7.0	9.0	10.0	6.0	6.0	17.0	13.0	15.0	20.0	12.0	12.0	17.0	17.0	15.0	17.0	22.0	18.0	16.0	12.2	22.0	6.0
14	6.0	7.0	8.0	9.0	8.0	6.0	7.0	5.0	8.0	11.0	10.0	8.0	13.0	11.0	15.0	34.0	21.0	29.0	17.0	19.0	27.0	16.0	15.0	12.0	13.4	34.0	5.0
15	12.0	11.0	10.0	8.0	5.0	12.0	11.0	13.0	9.0	7.0	16.0	7.0	15.0	5.0	7.0	13.0	43.0	26.0	21.0	20.0	21.0	16.0	16.0	11.0	14.0	43.0	5.0
16	13.0	12.0	9.0	7.0	8.0	8.0	9.0	6.0	14.0	11.0	10.0	14.0	13.0	10.0	15.0	26.0	33.0	29.0	30.0	29.0	26.0	27.0	22.0	11.0	16.3	33.0	6.0
17	9.0	7.0	9.0	8.0	27.0	26.0	46.0	84.0	111.0	104.0	93.0	108.0	120.0	53.0	40.0	47.0	43.0	37.0	38.0	37.0	36.0	39.0	30.0	32.0	49.3	120.0	7.0
18	26.0	24.0	14.0	8.0	4.0	5.0	4.0	4.0	5.0	15.0	13.0	13.0	8.0	8.0	10.0	12.0	12.0	10.0	21.0	15.0	23.0	15.0	13.0	17.0	12.5	26.0	4.0
19	17.0	14.0	13.0	14.0	12.0	10.0	16.0	19.0	22.0	43.0	29.0	21.0	20.0	20.0	16.0	14.0	19.0	19.0	19.0	18.0	11.0	14.0	11.0	10.0	17.5	43.0	10.0
20	13.0	13.0	16.0	18.0	12.0	12.0	13.0	15.0	12.0	15.0	14.0	13.0	20.0	24.0	27.0	40.0	55.0	21.0	14.0	11.0	9.0	10.0	14.0	13.0	17.7	55.0	9.0
21	9.0	9.0	12.0	8.0	7.0	7.0	8.0	7.0	7.0	11.0	9.0	17.0	39.0	77.0	39.0	22.0	67.0	59.0	11.0	13.0	13.0	9.0	10.0	9.0	20.0	77.0	7.0
22	10.0	6.0	7.0	7.0	5.0	5.0	6.0	7.0	6.0	8.0	7.0	7.0	16.0	9.0	11.0	9.0	13.0	13.0	10.0	16.0	10.0	7.0	9.0	11.0	9.0	16.0	5.0
23	7.0	7.0	7.0	6.0	15.0	7.0	5.0	3.0	6.0	6.0	11.0	13.0	9.0	13.0	11.0	10.0	43.0	11.0	9.0	15.0	15.0	10.0	7.0	11.0	10.7	43.0	3.0
24	9.0	7.0	7.0	8.0	7.0	7.0	9.0	6.0	6.0	32.0	64.0	38.0	9.0	6.0	4.0	4.0	3.0	3.0	3.0	6.0	6.0	7.0	10.0	9.0	11.3	64.0	3.0
25	7.0	4.0	2.0	2.0	4.0	3.0	5.0	9.0	6.0	7.0	17.0	12.0	17.0	11.0	13.0	10.0	12.0	12.0	10.0	10.0	13.0	9.0	8.0	12.0	9.0	17.0	2.0
26	12.0	14.0	16.0	14.0	16.0	16.0	17.0	12.0	15.0	18.0	23.0	96.0	23.0	18.0	23.0	20.0	24.0	19.0	19.0	17.0	19.0	31.0	15.0	12.0	21.2	96.0	12.0
27	22.0	174.0	340.0	43.0	19.0	12.0	13.0	9.0	9.0	14.0	12.0	11.0	9.0	7.0	17.0	34.0	22.0	13.0	24.0	21.0	31.0	2.0	2.0	3.0	36.0	340.0	2.0
28	3.0	3.0	8.0	12.0	16.0	24.0	25.0	32.0	42.0	56.0	48.0	--	--	31.0	18.0	15.0	15.0	16.0	14.0	14.0	11.0	15.0	15.0	15.0	20.4	56.0	3.0
29	10.0	8.0	10.0	10.0	8.0	6.0	10.0	9.0	21.0	14.0	13.0	7.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	3.0	3.0	2.0	0.0	6.8	21.0	0.0
30	0.0	0.0	-1.0	-2.0	-1.0	-1.0	-1.0	-2.0	-1.0	0.0	3.0	8.0	8.0	8.0	11.0	7.0	4.0	4.0	7.0	5.0	2.0	5.0	7.0	5.0	3.1	11.0	-2.0
Avg	10.5	14.9	20.0	10.2	9.7	9.1	10.4	15.0	16.5	16.2	19.1	21.0	18.7	16.8	14.6	48.2	20.7	16.7	15.5	15.5	15.2	13.0	11.5	10.3	16.2	--	--
Max	29.0	174.0	340.0	43.0	27.0	26.0	46.0	93.0	111.0	104.0	93.0	108.0	120.0	77.0	40.0	985.0	67.0	59.0	43.0	46.0	42.0	39.0	30.0	32.0	--	985.0	--
Min	0.0	0.0	-1.0	-2.0	-1.0	-1.0	-1.0	-2.0	-1.0	0.0	3.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	2.0	2.0	2.0	0.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table125, conc_PM10"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	5.0	4.0	3.0	0.0	4.0	4.0	2.0	-1.0	0.0	2.0	9.0	7.0	4.0	5.0	3.0	6.0	19.0	16.0	9.0	9.0	6.0	10.0	9.0	7.0	5.9	19.0	-1.0
2	5.0	3.0	4.0	4.0	3.0	2.0	6.0	15.0	8.0	11.0	10.0	8.0	10.0	16.0	12.0	17.0	15.0	17.0	14.0	12.0	19.0	14.0	11.0	10.0	10.3	19.0	2.0
3	19.0	20.0	12.0	12.0	11.0	9.0	5.0	5.0	5.0	5.0	4.0	3.0	4.0	8.0	8.0	7.0	7.0	9.0	18.0	13.0	9.0	7.0	6.0	7.0	8.9	20.0	3.0
4	5.0	3.0	2.0	0.0	-2.0	1.0	3.0	3.0	2.0	4.0	4.0	13.0	14.0	9.0	8.0	5.0	4.0	16.0	11.0	12.0	23.0	16.0	9.0	9.0	7.3	23.0	-2.0
5	11.0	8.0	7.0	7.0	6.0	6.0	6.0	7.0	4.0	7.0	7.0	8.0	8.0	15.0	8.0	9.0	13.0	13.0	13.0	15.0	13.0	9.0	9.0	9.0	9.1	15.0	4.0
6	6.0	6.0	4.0	7.0	7.0	7.0	7.0	7.0	10.0	12.0	13.0	11.0	20.0	23.0	63.0	15.0	14.0	21.0	17.0	23.0	19.0	19.0	13.0	15.0	15.0	63.0	4.0
7	13.0	16.0	17.0	15.0	13.0	11.0	17.0	13.0	13.0	12.0	12.0	14.0	12.0	17.0	16.0	21.0	18.0	21.0	17.0	19.0	21.0	17.0	17.0	13.0	15.6	21.0	11.0
8	12.0	12.0	17.0	10.0	12.0	9.0	12.0	12.0	10.0	14.0	11.0	21.0	20.0	25.0	19.0	25.0	15.0	19.0	19.0	21.0	17.0	12.0	11.0	14.0	15.4	25.0	9.0
9	12.0	9.0	9.0	12.0	13.0	11.0	14.0	10.0	17.0	64.0	15.0	20.0	20.0	19.0	18.0	17.0	25.0	35.0	27.0	22.0	29.0	19.0	11.0	14.0	19.3	64.0	9.0
10	12.0	14.0	13.0	8.0	7.0	11.0	11.0	14.0	8.0	11.0	16.0	5.0	11.0	14.0	18.0	37.0	25.0	26.0	21.0	23.0	29.0	16.0	17.0	17.0	16.0	37.0	5.0
11	18.0	13.0	12.0	12.0	12.0	7.0	12.0	13.0	29.0	33.0	13.0	12.0	10.0	13.0	14.0	10.0	9.0	10.0	11.0	14.0	14.0	16.0	11.0	9.0	13.6	33.0	7.0
12	11.0	8.0	6.0	10.0	7.0	6.0	6.0	6.0	8.0	6.0	14.0	10.0	11.0	11.0	8.0	15.0	12.0	15.0	11.0	31.0	8.0	14.0	12.0	9.0	10.6	31.0	6.0
13	7.0	9.0	10.0	9.0	7.0	5.0	7.0	8.0	11.0	9.0	8.0	11.0	20.0	9.0	5.0	8.0	11.0	13.0	14.0	12.0	14.0	10.0	9.0	10.0	9.8	20.0	5.0
14	8.0	8.0	8.0	5.0	5.0	7.0	7.0	6.0	7.0	7.0	8.0	11.0	7.0	8.0	18.0	13.0	15.0	15.0	17.0	13.0	16.0	12.0	9.0	7.0	9.9	18.0	5.0
15	8.0	7.0	6.0	4.0	5.0	2.0	5.0	14.0	9.0	8.0	5.0	6.0	8.0	10.0	9.0	12.0	12.0	14.0	16.0	16.0	15.0	13.0	15.0	19.0	9.9	19.0	2.0
16	19.0	25.0	7.0	7.0	5.0	3.0	6.0	10.0	8.0	8.0	8.0	6.0	5.0	7.0	6.0	11.0	11.0	17.0	20.0	77.0	136.0	122.0	392.0	585.0	62.5	585.0	3.0
17	124.0	32.0	102.0	227.0	88.0	55.0	128.0	110.0	109.0	92.0	86.0	78.0	72.0	72.0	70.0	53.0	44.0	47.0	54.0	41.0	40.0	42.0	40.0	40.0	76.9	227.0	32.0
18	31.0	33.0	24.0	31.0	31.0	27.0	22.0	23.0	22.0	25.0	27.0	25.0	27.0	22.0	25.0	20.0	17.0	10.0	19.0	14.0	9.0	11.0	9.0	16.0	21.7	33.0	9.0
19	29.0	22.0	22.0	7.0	6.0	7.0	8.0	9.0	10.0	9.0	8.0	12.0	9.0	13.0	16.0	17.0	17.0	16.0	17.0	14.0	18.0	22.0	19.0	14.0	14.2	29.0	6.0
20	17.0	20.0	21.0	17.0	15.0	18.0	18.0	18.0	23.0	23.0	22.0	17.0	22.0	26.0	22.0	29.0	24.0	29.0	30.0	21.0	20.0	16.0	18.0	18.0	21.0	30.0	15.0
21	17.0	19.0	18.0	18.0	16.0	18.0	14.0	17.0	11.0	14.0	10.0	10.0	10.0	7.0	6.0	8.0	5.0	2.0	3.0	3.0	5.0	9.0	9.0	10.0	10.8	19.0	2.0
22	6.0	3.0	6.0	8.0	5.0	2.0	5.0	5.0	8.0	8.0	7.0	10.0	6.0	8.0	10.0	11.0	7.0	7.0	11.0	7.0	6.0	6.0	7.0	12.0	7.1	12.0	2.0
23	13.0	10.0	15.0	10.0	13.0	12.0	11.0	9.0	8.0	7.0	7.0	8.0	6.0	9.0	7.0	6.0	9.0	7.0	6.0	4.0	2.0	2.0	2.0	1.0	7.7	15.0	1.0
24	1.0	3.0	4.0	3.0	5.0	4.0	3.0	11.0	7.0	6.0	7.0	24.0	303.0	366.0	686.0	6.0	4.0	5.0	5.0	4.0	2.0	3.0	3.0	5.0	61.2	686.0	1.0
25	7.0	4.0	2.0	3.0	5.0	7.0	9.0	6.0	5.0	7.0	5.0	6.0	9.0	6.0	4.0	6.0	7.0	7.0	7.0	4.0	8.0	6.0	6.0	5.0	5.9	9.0	2.0
26	3.0	5.0	6.0	8.0	4.0	4.0	6.0	6.0	7.0	4.0	3.0	4.0	4.0	8.0	7.0	4.0	5.0	7.0	7.0	7.0	9.0	6.0	1.0	1.0	5.3	9.0	1.0
27	2.0	4.0	3.0	1.0	4.0	4.0	7.0	6.0	9.0	7.0	4.0	6.0	7.0	6.0	10.0	11.0	10.0	6.0	5.0	5.0	5.0	5.0	10.0	8.0	6.0	11.0	1.0
28	5.0	8.0	6.0	3.0	3.0	5.0	7.0	8.0	6.0	7.0	5.0	6.0	6.0	9.0	7.0	6.0	8.0	9.0	6.0	9.0	8.0	16.0	16.0	16.0	7.7	16.0	3.0
29	14.0	13.0	14.0	9.0	7.0	6.0	6.0	12.0	14.0	18.0	15.0	13.0	11.0	7.0	5.0	8.0	7.0	7.0	5.0	5.0	5.0	6.0	8.0	7.0	9.3	18.0	5.0
30	6.0	6.0	3.0	4.0	6.0	4.0	6.0	6.0	7.0	5.0	7.0	8.0	6.0	8.0	8.0	5.0	12.0	13.0	9.0	11.0	6.0	5.0	7.0	17.0	7.3	17.0	3.0
31	19.0	21.0	19.0	21.0	20.0	17.0	15.0	12.0	11.0	11.0	8.0	14.0	10.0	12.0	9.0	10.0	10.0	14.0	11.0	--	--	--	--	--	13.9	21.0	8.0
Avg	15.0	11.9	13.0	15.9	11.1	9.4	12.6	12.9	13.1	14.7	12.2	13.1	22.3	25.4	36.3	13.8	13.3	14.9	14.5	16.0	17.7	16.0	23.9	30.8	16.6	--	--
Max	124.0	33.0	102.0	227.0	88.0	55.0	128.0	110.0	109.0	92.0	86.0	78.0	303.0	366.0	686.0	53.0	44.0	47.0	54.0	77.0	136.0	122.0	392.0	585.0	--	686.0	--
Min	1.0	3.0	2.0	0.0	-2.0	1.0	2.0	-1.0	0.0	2.0	3.0	3.0	4.0	5.0	3.0	4.0	4.0	2.0	3.0	3.0	2.0	2.0	1.0	1.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table100, Far_West_conc_PM10_STP"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.2	4.2	7.3	7.3	5.2	4.2	4.2	2.1	3.2	6.5	5.4	4.4	4.4	5.5	6.6	7.7	4.4	4.4	6.5	5.4	10.7	19.2	7.4	9.5	6.2	19.2	2.1
2	13.7	8.4	10.5	8.4	8.4	7.3	3.1	1.1	11.8	10.8	14.1	6.5	3.2	3.2	1.1	1.1	14.9	8.5	3.2	5.3	6.3	4.2	1.1	3.2	6.6	14.9	1.1
3	3.2	4.2	4.2	4.2	6.3	7.3	5.2	4.2	5.3	4.3	7.5	12.9	87.4	28.1	15.2	17.3	18.4	30.1	43.6	25.3	16.8	23.0	24.9	23.7	17.6	87.4	3.2
4	21.6	24.7	23.6	20.5	17.4	19.4	18.4	18.6	26.3	23.4	22.5	19.3	17.2	19.4	20.6	18.4	18.4	18.3	20.2	22.2	20.0	17.8	20.8	16.7	20.2	26.3	16.7
5	18.7	16.6	18.6	12.4	15.5	21.6	16.4	14.6	20.1	16.1	18.3	13.0	9.8	14.2	18.5	8.7	12.0	18.4	19.3	14.9	23.3	14.8	12.6	19.9	16.2	23.3	8.7
6	15.7	10.4	17.7	17.6	19.7	10.4	14.5	13.6	17.0	20.4	22.7	19.5	21.7	21.8	17.4	16.3	17.4	11.9	19.3	21.2	23.2	18.9	19.9	15.7	17.7	23.2	10.4
7	13.5	13.5	13.5	17.5	12.4	8.2	29.8	33.4	17.0	14.0	16.2	26.1	11.0	10.0	6.7	5.5	8.9	7.7	9.8	8.7	24.8	23.8	28.0	30.1	16.2	33.4	5.5
8	33.3	21.3	19.1	24.5	25.6	21.3	17.1	20.3	20.4	16.2	17.4	10.9	11.0	8.8	9.9	12.2	8.9	12.1	25.0	21.4	4.3	5.3	5.3	5.3	15.7	33.3	4.3
9	5.3	4.2	5.3	3.2	1.1	2.1	4.2	10.6	6.4	6.5	8.7	6.5	29.6	7.7	6.6	5.5	8.8	7.7	7.6	16.1	16.0	5.3	6.4	8.5	7.9	29.6	1.1
10	6.4	11.6	7.4	5.2	7.3	7.3	7.3	5.3	10.7	7.6	9.8	8.7	24.1	13.2	13.2	8.8	7.7	5.5	5.4	6.4	17.0	16.9	9.5	11.6	9.7	24.1	5.2
11	11.5	12.6	11.5	9.4	11.4	8.3	6.2	5.3	16.0	9.7	6.5	10.9	8.8	17.6	7.7	16.5	8.8	24.0	21.6	14.9	16.9	16.9	19.0	17.8	12.9	24.0	5.3
12	15.6	17.7	13.5	12.4	16.5	12.4	12.4	12.5	10.6	8.6	6.5	5.5	4.4	5.5	15.3	24.1	31.7	32.6	27.9	23.3	25.2	28.3	19.9	21.9	16.8	32.6	4.4
13	16.6	17.6	13.5	13.4	12.4	8.2	9.3	9.4	6.4	10.7	10.8	9.8	7.6	8.8	13.2	13.1	9.9	14.1	17.2	15.9	9.5	9.4	12.6	12.6	11.7	17.6	6.4
14	12.5	11.4	8.3	11.4	8.3	6.2	5.2	7.3	7.4	10.7	24.8	7.6	12.1	9.9	9.9	6.6	7.7	12.0	17.2	13.8	11.6	17.9	14.7	12.6	11.1	24.8	5.2
15	17.8	13.5	11.4	13.5	11.4	10.3	10.3	10.4	13.8	15.1	17.4	8.7	17.6	12.1	11.0	15.4	12.1	15.3	18.3	20.3	19.0	28.4	28.3	29.3	15.9	29.3	8.7
16	20.8	23.9	12.5	16.6	11.3	13.4	10.3	11.5	19.1	12.9	8.7	7.6	9.9	12.0	13.1	76.9	15.3	14.1	15.1	13.9	12.7	19.0	27.3	14.7	17.2	76.9	7.6
17	12.5	14.6	13.5	10.4	9.4	11.4	11.4	11.5	10.7	12.9	8.7	13.0	13.1	14.2	15.3	15.3	20.8	18.5	23.7	28.8	21.2	20.0	19.9	15.7	15.3	28.8	8.7
18	15.7	18.7	14.5	12.4	15.5	14.5	11.3	10.4	10.6	11.8	18.4	12.0	8.7	10.9	17.5	20.8	28.4	21.7	20.4	18.1	19.1	17.9	17.8	13.6	15.9	28.4	8.7
19	11.5	17.7	15.6	13.5	12.4	11.3	13.4	11.4	16.9	14.9	12.9	19.5	17.4	24.0	28.4	26.2	28.3	23.8	36.4	34.9	24.2	16.8	14.8	24.4	19.6	36.4	11.3
20	8.5	9.5	8.5	8.4	6.3	7.4	6.3	7.4	19.2	9.7	23.9	24.0	30.7	31.9	37.4	49.5	41.7	43.6	36.7	34.3	34.1	36.2	36.1	43.8	24.8	49.5	6.3
21	51.2	42.6	39.4	31.9	29.7	22.1	18.9	24.3	37.5	25.8	25.0	17.5	13.2	9.9	13.3	16.6	9.9	16.4	15.1	17.2	19.2	19.2	20.3	12.8	22.9	51.2	9.9
22	12.7	19.1	15.8	19.9	14.7	15.9	145.0	14.9	17.2	131.0	14.2	16.5	12.1	19.9	25.5	33.2	26.5	28.5	30.3	24.7	34.3	31.9	29.6	31.7	31.9	145.0	12.1
23	26.3	22.0	24.0	20.9	21.9	18.8	20.8	19.9	24.5	24.8	18.4	18.5	18.6	15.3	15.4	11.0	16.5	15.2	18.3	13.9	17.0	15.9	19.0	21.0	19.1	26.3	11.0
24	22.1	11.5	15.7	16.8	11.5	12.5	17.8	13.6	23.3	16.1	10.8	14.1	14.1	27.2	27.2	22.8	29.2	21.6	25.8	25.7	41.6	10.6	34.9	16.8	20.1	41.6	10.6
25	10.5	6.3	8.4	12.5	10.4	11.4	9.3	12.5	14.8	18.1	16.1	16.2	9.8	5.5	5.5	6.6	10.9	21.6	18.2	26.6	18.0	12.7	8.4	8.4	12.4	26.6	5.5
26	13.6	12.5	9.4	9.3	9.3	10.3	7.2	7.3	8.4	9.6	11.9	13.1	6.6	1.1	3.3	3.3	6.6	14.2	19.4	12.9	10.6	14.8	10.6	9.5	9.8	19.4	1.1
27	15.8	13.6	8.4	10.4	7.3	7.3	5.2	10.6	--	--	12.0	14.3	12.1	8.8	10.0	8.9	12.2	11.0	12.0	9.8	10.8	13.0	8.6	10.8	10.6	15.8	5.2
28	15.1	14.0	12.8	13.8	14.9	21.2	21.3	11.7	20.4	17.4	16.4	13.1	11.0	25.2	29.5	19.7	16.4	20.7	31.2	29.9	22.3	20.0	28.4	31.5	19.9	31.5	11.0
29	25.2	25.1	22.9	18.7	17.6	14.5	12.4	13.5	13.8	14.0	8.7	4.4	2.2	1.1	1.1	5.5	5.5	5.4	10.7	9.6	18.0	11.6	8.4	7.4	11.6	25.2	1.1
30	30.5	28.3	18.9	19.9	17.7	11.4	10.4	11.5	9.6	20.3	7.6	12.0	14.1	18.6	12.0	9.9	7.6	13.0	10.7	20.2	18.0	27.4	17.9	18.9	16.1	30.5	7.6
31	11.6	14.7	10.5	10.4	6.2	4.2	8.3	8.3	13.7	11.8	10.8	18.3	17.3	26.0	15.1	15.1	25.8	26.8	22.3	13.7	15.8	21.0	30.4	30.3	16.2	30.4	4.2
Avg	16.6	15.7	14.1	13.8	12.7	11.7	15.9	11.9	15.1	17.7	14.0	13.0	15.5	14.1	14.3	16.7	15.9	17.4	19.6	18.4	18.8	18.0	18.2	17.7	15.7	--	--
Max	51.2	42.6	39.4	31.9	29.7	22.1	145.0	33.4	37.5	131.0	25.0	26.1	87.4	31.9	37.4	76.9	41.7	43.6	43.6	34.9	41.6	36.2	36.1	43.8	--	145.0	--
Min	3.2	4.2	4.2	3.2	1.1	2.1	3.1	1.1	3.2	4.3	5.4	4.4	2.2	1.1	1.1	1.1	4.4	4.4	3.2	5.3	4.3	4.2	1.1	3.2	--	--	1.1

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table100, Far_West_conc_PM10_STP"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	30.3	19.9	12.5	17.7	20.7	10.3	15.4	15.5	11.5	8.5	9.6	11.7	24.6	27.9	24.7	20.4	27.8	19.1	23.2	21.0	20.9	19.7	21.7	20.6	19.0	30.3	8.5
2	19.6	19.5	18.4	16.3	16.3	20.4	12.2	34.6	27.9	16.8	43.4	23.5	19.3	21.6	28.0	30.1	36.5	38.3	45.4	48.1	43.9	25.2	12.5	7.3	26.0	48.1	7.3
3	11.5	9.4	7.3	23.0	12.4	11.4	12.4	7.3	6.3	11.6	14.8	18.1	72.8	55.7	18.2	1042.0	26.9	20.6	11.3	10.3	10.3	8.3	7.3	7.3	59.9	1042.0	6.3
4	7.2	8.2	15.3	9.2	6.2	11.3	12.3	9.2	7.2	4.1	4.2	6.3	7.4	7.4	5.3	7.4	8.5	9.5	11.4	8.3	7.2	14.4	10.3	10.3	8.7	15.3	4.1
5	8.2	6.1	6.1	5.1	4.1	4.1	3.0	6.1	7.3	8.3	7.4	5.3	4.2	6.4	9.6	7.5	11.7	9.5	14.7	14.6	12.5	12.4	15.5	9.3	8.3	15.5	3.0
6	7.2	--	5.1	8.2	8.2	9.1	9.1	7.2	4.2	6.3	5.3	7.4	7.5	7.5	10.7	12.8	14.9	11.6	13.6	13.5	12.4	10.4	10.3	9.3	9.2	14.9	4.2
7	7.2	8.2	11.3	9.2	6.1	6.1	5.1	8.2	10.3	6.3	6.3	7.4	17.1	15.0	15.0	16.1	15.0	17.0	17.9	17.8	20.8	13.5	11.4	7.3	11.5	20.8	5.1
8	9.4	5.2	4.2	6.2	6.2	4.2	3.1	5.2	74.0	7.4	56.5	15.0	13.9	10.8	10.8	11.8	16.1	13.8	12.7	18.9	11.5	8.3	9.4	8.3	14.3	74.0	3.1
9	9.3	7.2	8.3	12.4	8.3	9.3	8.3	8.3	6.2	8.4	7.4	20.1	9.6	13.9	9.6	11.7	10.6	6.3	5.2	6.2	6.2	5.2	6.2	6.2	8.8	20.1	5.2
10	7.2	8.2	9.3	7.2	13.4	8.3	10.3	96.2	30.1	18.8	18.9	85.4	10.6	8.5	5.3	4.2	4.2	5.3	5.2	4.2	2.1	3.1	6.3	6.2	15.8	96.2	2.1
11	6.2	7.2	6.2	4.1	6.2	6.2	5.1	5.2	5.2	7.3	7.4	7.4	7.4	7.4	7.5	6.4	7.5	6.3	13.6	10.4	10.4	9.4	6.2	5.2	7.1	13.6	4.1
12	6.2	6.2	6.2	4.1	4.1	4.1	7.2	7.2	6.3	8.4	5.3	2.1	6.4	5.3	4.3	8.6	6.4	10.6	10.5	13.5	11.4	7.2	8.2	6.2	6.9	13.5	2.1
13	6.2	9.3	7.2	6.2	9.3	7.2	7.2	9.3	10.4	6.3	6.3	18.1	13.9	16.1	21.4	12.9	12.8	18.0	17.8	15.6	17.5	22.6	18.5	16.4	12.8	22.6	6.2
14	6.1	7.2	8.2	9.2	8.1	6.0	7.0	5.0	8.2	11.5	10.5	8.5	13.8	11.8	16.1	36.5	22.5	30.7	17.8	19.7	27.9	16.5	15.4	12.3	14.0	36.5	5.0
15	12.3	11.3	10.2	8.2	5.1	12.2	11.1	13.1	9.3	7.3	17.0	7.5	16.2	5.4	7.6	14.1	46.3	27.7	22.1	20.9	21.9	16.6	16.5	11.3	14.6	46.3	5.1
16	13.4	12.3	9.3	7.2	8.2	8.2	9.2	6.2	14.6	11.7	10.8	15.1	14.0	10.8	16.2	28.1	35.5	30.9	31.7	30.5	27.2	28.2	23.0	11.6	17.2	35.5	6.2
17	9.5	7.3	9.4	8.3	28.0	26.8	47.1	85.7	114.0	108.0	96.9	113.0	126.0	55.7	42.0	49.4	45.0	38.3	38.9	37.6	36.3	39.3	30.2	32.1	51.0	126.0	7.3
18	26.0	24.0	14.0	8.1	4.0	5.0	4.0	4.1	5.1	15.4	13.4	13.5	8.4	8.5	10.6	12.7	12.7	10.4	21.7	15.4	23.5	15.3	13.3	17.4	12.8	26.0	4.0
19	17.3	14.3	13.2	14.3	12.4	10.3	16.5	19.6	22.9	45.1	30.6	22.3	21.3	21.4	17.2	15.0	20.3	20.0	20.0	18.9	11.5	14.7	11.5	10.5	18.4	45.1	10.3
20	13.6	13.6	16.7	18.7	12.4	12.4	13.4	15.5	12.5	15.7	14.8	13.8	21.3	25.4	28.6	42.2	57.9	22.0	14.6	11.4	9.3	10.3	14.5	13.4	18.5	57.9	9.3
21	9.3	9.3	12.4	8.3	7.3	7.2	8.3	7.2	7.3	11.4	9.4	17.8	40.8	80.5	40.9	23.0	69.9	61.1	11.3	13.3	13.2	9.1	10.1	9.1	20.7	80.5	7.2
22	10.1	6.0	7.0	7.0	5.0	5.0	6.0	7.0	6.1	8.2	7.3	7.3	16.7	9.4	11.5	9.4	13.5	13.4	10.2	16.3	10.2	7.1	9.1	11.1	9.2	16.7	5.0
23	7.1	7.0	7.0	6.0	14.9	7.0	4.9	3.0	6.1	6.1	11.4	13.6	9.5	13.8	11.7	10.6	45.3	11.5	9.3	15.3	15.2	10.1	7.1	11.1	11.0	45.3	3.0
24	9.0	7.0	7.0	8.1	7.0	7.0	9.1	6.0	6.1	33.2	66.7	39.8	9.5	6.3	4.2	4.2	3.2	3.1	3.1	6.2	6.2	7.2	10.3	9.3	11.6	66.7	3.1
25	7.2	4.1	2.1	2.1	4.1	3.1	5.1	9.2	6.2	7.3	17.9	12.6	18.0	11.7	13.8	10.6	12.7	12.6	10.4	10.4	13.5	9.3	8.3	12.4	9.4	18.0	2.1
26	12.4	14.4	16.5	14.4	16.5	16.5	17.5	12.4	15.6	18.8	24.1	101.0	24.3	19.0	24.3	21.1	25.2	19.8	19.8	17.6	19.7	32.0	15.4	12.4	22.1	101.0	12.4
27	22.6	179.0	348.0	43.8	19.2	12.1	13.1	9.0	9.1	14.3	12.3	11.3	9.3	7.2	17.6	35.2	22.7	13.4	24.7	21.6	31.2	2.0	2.0	3.0	36.8	348.0	2.0
28	3.0	3.0	8.0	12.1	16.1	24.0	25.0	31.9	42.1	56.6	48.7	--	--	31.8	18.5	15.4	15.4	16.4	14.3	14.3	11.2	15.2	15.2	15.1	20.6	56.6	3.0
29	10.0	8.0	10.0	10.0	7.9	5.9	9.9	8.9	21.0	14.1	13.2	7.2	2.1	3.1	3.1	3.1	4.1	4.1	4.0	5.0	3.0	3.0	2.0	0.0	6.8	21.0	0.0
30	0.0	0.0	-1.0	-2.0	-1.0	-1.0	-1.0	-2.0	-1.0	0.0	3.1	8.2	8.2	8.2	11.3	7.2	4.1	4.1	7.1	5.0	2.0	5.0	6.9	4.9	3.2	11.3	-2.0
Avg	10.8	15.3	20.5	10.4	9.9	9.3	10.6	15.4	17.1	16.8	20.0	22.1	19.8	17.8	15.5	51.0	21.8	17.5	16.1	16.1	15.7	13.4	11.8	10.6	16.9	--	--
Max	30.3	179.0	348.0	43.8	28.0	26.8	47.1	96.2	114.0	108.0	96.9	113.0	126.0	80.5	42.0	1042.0	69.9	61.1	45.4	48.1	43.9	39.3	30.2	32.1	--	1042.0	--
Min	0.0	0.0	-1.0	-2.0	-1.0	-1.0	-1.0	-2.0	-1.0	0.0	3.1	2.1	2.1	3.1	3.1	3.1	3.2	3.1	3.1	4.2	2.0	2.0	2.0	0.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table100, Far_West_conc_PM10_STP"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.9	3.9	2.9	0.0	3.9	3.9	2.0	-1.0	0.0	2.0	9.2	7.2	4.1	5.2	3.1	6.2	19.6	16.3	9.1	9.0	6.0	10.0	9.0	7.0	6.0	19.6	-1.0
2	5.0	3.0	4.0	4.0	3.0	2.0	5.9	14.8	8.0	11.1	10.2	8.2	10.3	16.5	12.4	17.5	15.4	17.4	14.2	12.2	19.1	14.0	11.0	10.0	10.4	19.1	2.0
3	19.0	19.9	12.0	11.9	10.9	9.0	5.1	5.1	5.1	5.1	4.1	3.1	4.2	8.4	8.4	7.4	7.3	9.3	18.4	13.2	9.2	7.2	6.1	7.1	9.0	19.9	3.1
4	5.1	3.0	2.0	0.0	-2.0	1.0	3.0	3.0	2.0	4.1	4.1	13.4	14.5	9.4	8.4	5.2	4.2	16.5	11.2	12.1	23.1	16.0	9.0	9.0	7.4	23.1	-2.0
5	11.0	8.0	7.0	7.0	6.0	6.0	5.9	7.0	4.0	7.2	7.2	8.3	8.4	15.7	8.4	9.4	13.6	13.4	13.3	15.2	13.2	9.1	9.1	9.0	9.3	15.7	4.0
6	6.0	6.0	4.0	7.0	7.0	7.0	7.0	7.0	10.1	12.3	13.4	11.4	20.9	24.0	65.9	15.7	14.6	21.7	17.4	23.4	19.2	19.2	13.1	15.2	15.4	65.9	4.0
7	13.1	16.1	17.1	15.0	13.0	11.0	17.0	13.0	13.1	12.3	12.4	14.5	12.5	17.6	16.6	21.7	18.6	21.5	17.3	19.2	21.1	17.1	17.0	13.0	15.9	21.7	11.0
8	12.0	11.9	16.9	9.9	11.9	8.9	11.8	11.8	10.0	14.2	11.2	21.6	20.7	25.9	19.7	26.0	15.5	19.5	19.3	21.2	17.0	12.0	11.0	13.9	15.6	26.0	8.9
9	11.9	8.9	8.9	11.9	12.9	10.9	13.9	9.9	17.1	65.0	15.3	20.6	20.8	19.9	18.9	17.8	26.0	36.1	27.6	22.3	29.3	19.2	11.1	14.1	19.6	65.0	8.9
10	12.0	14.0	12.9	7.9	6.9	10.9	10.9	13.8	8.0	11.2	16.5	5.2	11.5	14.7	18.9	38.8	26.1	26.9	21.5	23.4	29.4	16.2	17.2	17.2	16.3	38.8	5.2
11	18.2	13.1	12.1	12.1	12.1	7.0	12.1	13.0	29.4	34.1	13.5	12.6	10.5	13.7	14.8	10.6	9.5	10.4	11.3	14.3	14.3	16.3	11.2	9.1	14.0	34.1	7.0
12	11.1	8.1	6.1	10.1	7.0	6.0	6.0	6.0	8.1	6.2	14.6	10.5	11.6	11.6	8.5	15.9	12.6	15.6	11.4	31.8	8.2	14.3	12.2	9.2	10.9	31.8	6.0
13	7.1	9.1	10.1	9.1	7.1	5.1	7.0	8.0	11.1	9.3	8.4	11.6	21.1	9.5	5.3	8.4	11.5	13.5	14.4	12.3	14.3	10.2	9.2	10.1	10.1	21.1	5.1
14	8.1	8.1	8.1	5.0	5.0	7.0	7.0	6.0	7.0	7.2	8.3	11.5	7.4	8.5	19.1	13.8	15.9	15.7	17.6	13.3	16.3	12.2	9.2	7.1	10.2	19.1	5.0
15	8.1	7.1	6.0	4.0	5.0	2.0	5.0	14.0	9.2	8.3	5.2	6.3	8.5	10.7	9.6	12.8	12.7	14.7	16.7	16.5	15.5	13.4	15.4	19.5	10.3	19.5	2.0
16	19.4	25.5	7.1	7.2	5.1	3.1	6.2	10.3	8.3	8.3	8.3	6.3	5.3	7.4	6.4	11.7	11.6	17.8	20.9	80.6	142.0	127.0	409.0	610.0	65.2	610.0	3.1
17	130.0	33.3	105.0	233.0	89.8	55.8	129.0	110.0	109.0	92.6	87.0	79.1	73.2	73.5	71.5	54.1	44.7	47.4	54.0	40.8	39.6	41.5	39.4	39.3	78.1	233.0	33.3
18	30.4	32.3	23.5	30.3	30.2	26.2	21.3	22.3	21.7	24.9	27.1	25.2	27.4	22.5	25.6	20.5	17.4	10.1	19.1	14.0	9.1	11.1	9.1	16.1	21.5	32.3	9.1
19	29.2	22.2	22.1	7.0	6.0	7.0	8.0	9.0	10.0	9.1	8.2	12.3	9.3	13.5	16.7	17.7	17.7	16.5	17.4	14.3	18.4	22.5	19.4	14.3	14.5	29.2	6.0
20	17.3	20.4	21.4	17.3	15.3	18.3	18.3	18.2	23.2	23.4	22.8	17.7	22.9	27.1	23.1	30.3	25.0	30.0	30.8	21.4	20.3	16.3	18.4	18.3	21.6	30.8	15.3
21	17.3	19.4	18.3	18.3	16.3	18.4	14.3	17.3	11.2	14.4	10.3	10.3	10.4	7.3	6.2	8.3	5.2	2.1	3.1	3.1	5.2	9.3	9.2	10.3	11.1	19.4	2.1
22	6.2	3.1	6.2	8.2	5.2	2.1	5.2	5.2	8.3	8.3	7.3	10.3	6.2	8.3	10.4	11.4	7.2	7.2	11.2	7.1	6.1	6.1	7.1	12.2	7.3	12.2	2.1
23	13.2	10.1	15.2	10.1	13.2	12.2	11.1	9.1	8.1	7.1	7.1	8.2	6.2	9.3	7.2	6.2	9.3	7.2	6.1	4.1	2.0	2.0	2.0	1.0	7.8	15.2	1.0
24	1.0	3.0	4.0	3.0	5.1	4.1	3.1	11.1	7.1	6.2	7.3	25.0	316.0	384.0	713.0	6.1	4.0	5.0	5.0	4.0	2.0	3.0	3.0	5.0	63.8	713.0	1.0
25	7.0	4.0	2.0	3.0	4.9	6.9	8.9	5.9	4.9	7.0	5.0	6.0	9.1	6.1	4.1	6.1	7.1	7.0	7.0	4.0	7.9	5.9	5.9	4.9	5.8	9.1	2.0
26	2.9	4.9	5.9	7.8	3.9	3.9	5.9	5.9	6.9	4.0	3.0	4.0	4.1	8.2	7.2	4.1	5.1	7.1	7.1	7.0	9.0	6.0	1.0	1.0	5.2	9.0	1.0
27	2.0	4.0	3.0	1.0	3.9	3.9	6.9	5.9	9.0	7.0	4.1	6.1	7.2	6.2	10.4	11.4	10.4	6.2	5.1	5.1	5.1	5.0	10.0	8.0	6.1	11.4	1.0
28	5.0	8.0	6.0	3.0	3.0	5.0	6.9	7.9	6.0	7.0	5.0	6.1	6.1	9.2	7.2	6.1	8.2	9.1	6.1	9.1	8.1	16.0	16.0	16.0	7.7	16.0	3.0
29	14.0	13.0	14.0	9.0	7.0	6.0	6.0	12.0	14.0	18.2	15.1	13.3	11.4	7.3	5.3	8.4	7.3	7.3	5.2	5.1	5.1	6.2	8.2	7.1	9.4	18.2	5.1
30	6.1	6.1	3.1	4.1	6.1	4.1	6.1	6.1	7.1	5.1	7.3	8.3	6.3	8.4	8.5	5.3	12.6	13.6	9.4	11.4	6.2	5.2	7.2	17.4	7.5	17.4	3.1
31	19.4	21.5	19.4	21.4	20.4	17.4	15.3	12.2	11.2	11.2	8.2	14.3	10.3	12.4	9.3	10.3	10.3	14.3	11.2	--	--	--	--	--	14.2	21.5	8.2
Avg	15.2	12.0	13.1	16.1	11.1	9.4	12.6	12.9	13.2	14.9	12.5	13.5	23.2	26.5	37.7	14.4	13.7	15.4	14.8	16.4	18.0	16.3	24.5	31.7	17.0	--	--
Max	130.0	33.3	105.0	233.0	89.8	55.8	129.0	110.0	109.0	92.6	87.0	79.1	316.0	384.0	713.0	54.1	44.7	47.4	54.0	80.6	142.0	127.0	409.0	610.0	--	713.0	--
Min	1.0	3.0	2.0	0.0	-2.0	1.0	2.0	-1.0	0.0	2.0	3.0	3.1	4.1	5.2	3.1	4.1	4.0	2.1	3.1	3.1	2.0	2.0	1.0	1.0	--	--	-2.0

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table126, conc_PM25"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2	2	4	5	5	4	5	4	3	2	2	2	0	-3	-2	-2	1	2	1	4	2	2	3	3	2.13	5	-3
2	3	4	3	0	3	3	4	4	5	4	4	2	0	0	0	1	5	4	4	4	3	3	4	5	3	5	0
3	5	3	4	4	4	5	3	3	1	2	5	3	3	2	2	2	4	8	8	5	3	2	1	3	3.54	8	1
4	5	4	4	4	3	5	5	4	4	5	6	5	3	2	2	5	4	3	4	4	4	3	2	3	3.88	6	2
5	6	7	6	3	4	6	5	5	3	5	5	4	1	1	4	3	3	2	3	5	3	3	4	5	4	7	1
6	6	6	6	3	4	9	6	3	2	5	8	6	5	3	3	4	4	6	7	9	6	10	6	4	5.46	10	2
7	6	8	6	5	3	1	3	8	6	5	4	3	5	3	-1	2	6	5	4	6	6	4	7	6	4.63	8	-1
8	3	3	5	8	6	5	8	8	5	4	3	2	1	3	4	4	5	4	6	6	5	6	6	3	4.71	8	1
9	1	2	3	4	2	2	2	4	3	2	4	4	1	1	1	1	4	5	3	0	1	5	4	4	2.63	5	0
10	3	3	2	7	5	2	2	3	4	2	1	6	4	2	2	3	1	2	4	6	6	2	2	4	3.25	7	1
11	3	2	5	5	4	5	4	2	5	3	3	7	4	2	2	1	3	3	4	4	4	3	3	4	3.54	7	1
12	5	3	2	2	0	2	2	3	5	5	5	2	-1	1	5	3	4	4	7	6	4	4	2	3	3.25	7	-1
13	2	1	2	3	2	0	2	5	6	2	1	3	3	2	0	2	3	2	3	5	3	5	4	1	2.58	6	0
14	0	2	2	1	2	1	3	2	2	4	5	1	-2	0	1	2	2	2	2	2	4	5	4	2	2.04	5	-2
15	2	2	2	1	1	2	2	2	3	3	1	1	3	3	1	3	4	5	7	7	5	9	6	4	3.29	9	1
16	4	4	4	4	4	3	1	4	7	6	4	3	2	4	7	5	4	5	5	4	3	3	6	6	4.25	7	1
17	4	3	3	6	4	3	3	4	2	3	4	4	4	4	3	2	3	6	5	6	4	2	1	1	3.5	6	1
18	6	6	5	1	-1	1	2	5	3	0	1	5	4	2	2	4	5	4	5	4	3	7	5	3	3.42	7	-1
19	5	3	1	0	1	4	4	5	4	2	2	4	5	3	3	4	3	4	6	4	4	11	6	1	3.71	11	0
20	3	3	2	1	3	4	3	2	1	-1	0	4	3	3	4	8	6	7	8	5	10	7	7	6	4.13	10	-1
21	4	7	7	8	7	4	3	5	5	4	4	2	1	3	6	6	6	5	4	4	7	6	5	3	4.83	8	1
22	4	6	5	4	5	6	13	8	6	7	5	5	3	2	5	5	5	7	7	7	6	9	12	10	6.33	13	2
23	7	6	5	9	7	7	6	6	9	6	5	7	5	4	4	3	5	5	6	5	5	6	7	8	5.96	9	3
24	7	5	6	4	6	7	5	6	6	5	2	1	5	9	7	6	6	6	7	8	8	8	7	8	6.04	9	1
25	8	6	6	7	6	8	6	9	6	7	9	9	4	3	3	2	3	5	7	9	8	6	5	6	6.17	9	2
26	5	5	4	3	4	5	4	4	4	3	11	9	5	1	-1	2	2	5	5	9	6	6	4	7	4.67	11	-1
27	6	7	6	5	5	3	3	6	3	--	20	10	5	1	1	2	4	6	7	6	7	6	5	3	5.52	20	1
28	2	6	6	3	5	5	6	8	6	6	3	2	2	1	4	5	16	15	8	6	6	6	6	6	5.79	16	1
29	4	6	6	5	3	3	6	5	6	3	1	2	4	1	-2	1	2	4	4	8	6	9	5	7	4.13	9	-2
30	8	5	6	6	6	5	4	1	2	4	7	6	3	4	4	3	3	3	4	6	5	4	3	3	4.38	8	1
31	5	6	3	1	3	4	2	2	5	4	2	4	3	3	4	4	5	8	7	5	3	3	4	6	4	8	1
Avg	4.32	4.39	4.23	3.94	3.74	4	4.1	4.52	4.26	3.73	4.42	4.13	2.84	2.26	2.52	3.1	4.23	4.9	5.23	5.45	4.84	5.32	4.71	4.45	4.15	--	--
Max	8	8	7	9	7	9	13	9	9	7	20	10	5	9	7	8	16	15	8	9	10	11	12	10	--	20	--
Min	0	1	1	0	-1	0	1	1	1	-1	0	1	-2	-3	-2	-2	1	2	1	0	1	2	1	1	--	--	-3

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table126, conc_PM25"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	5	4	6	5	2	1	4	3	5	3	4	4	3	4	5	6	5	3	3	6	4	1	4	4	3.92	6	1
2	2	1	3	4	4	3	4	7	6	4	8	7	4	7	6	12	8	7	10	9	7	5	5	4	5.71	12	1
3	4	4	4	4	3	1	13	9	5	8	41	28	9	10	26	62	10	9	9	6	6	6	6	6	12	62	1
4	6	6	6	6	3	5	7	6	6	5	5	4	2	0	4	6	5	4	8	8	6	4	4	6	5.08	8	0
5	4	5	4	4	3	0	5	7	4	2	2	4	3	3	5	6	4	2	6	6	5	7	7	7	4.38	7	0
6	8	--	6	6	6	5	6	8	5	3	6	6	5	10	6	5	5	7	6	10	11	10	6	5	6.57	11	3
7	6	6	5	6	5	3	5	3	2	5	8	6	3	2	5	6	6	7	8	9	7	6	7	6	5.5	9	2
8	5	5	8	6	5	7	8	6	6	6	6	4	5	4	6	8	7	4	2	6	6	5	6	5	5.67	8	2
9	5	4	6	8	10	8	6	8	6	4	5	4	2	1	2	1	2	1	3	6	6	6	5	3	4.67	10	1
10	3	4	2	4	7	6	6	6	4	5	3	4	4	2	0	1	2	4	6	5	5	6	7	8	4.33	8	0
11	7	7	4	4	5	5	4	6	5	6	4	3	3	3	2	3	3	3	3	3	6	4	4	3	4.17	7	2
12	5	5	6	3	1	2	4	4	2	2	2	5	2	1	1	1	0	-1	2	4	3	2	3	3	2.58	6	-1
13	3	2	2	2	5	3	2	5	4	2	3	2	3	2	3	4	7	6	6	5	7	7	10	7	4.25	10	2
14	5	7	6	4	3	4	4	3	1	3	6	6	6	5	3	4	4	5	7	7	6	5	5	6	4.79	7	1
15	6	6	6	5	3	4	4	5	6	2	2	2	2	3	2	2	4	4	5	6	6	6	5	2	4.08	6	2
16	4	6	4	5	6	3	1	2	4	3	5	5	6	5	6	7	9	7	5	4	7	6	5	3	4.92	9	1
17	3	6	3	6	6	4	6	10	13	14	13	16	16	10	11	8	6	5	5	6	6	7	9	6	8.13	16	3
18	5	6	5	3	2	4	4	4	3	3	2	0	1	1	3	3	2	2	1	-1	14	8	6	5	3.58	14	-1
19	3	3	5	3	3	3	5	2	3	5	4	3	2	4	3	2	2	1	1	3	2	0	1	3	2.75	5	0
20	4	3	2	3	4	2	0	6	5	4	3	4	6	6	6	4	5	4	4	4	2	5	5	4	3.96	6	0
21	2	2	6	5	3	3	2	3	4	4	4	6	6	3	8	6	6	11	7	6	4	2	3	5	4.63	11	2
22	3	2	3	2	4	6	3	0	4	4	2	2	2	-15	-15	5	10	7	7	5	5	3	4	6	2.46	10	-15
23	4	5	5	3	7	5	2	5	4	5	7	7	4	3	4	5	5	4	4	3	7	6	5	5	4.75	7	2
24	7	6	2	2	5	4	2	3	7	4	3	3	4	4	3	3	4	4	4	3	3	3	3	3	3.71	7	2
25	3	1	1	3	4	3	4	4	3	4	5	5	3	2	2	1	0	2	3	3	4	3	1	1	2.71	5	0
26	3	4	6	5	5	5	4	4	4	7	8	5	2	2	3	6	6	6	5	4	4	6	6	5	4.79	8	2
27	4	15	21	10	7	4	5	5	5	5	10	8	10	6	6	5	4	4	6	6	7	5	4	4	6.92	21	4
28	4	4	4	6	5	4	4	5	5	10	12	9	--	19	16	7	7	5	4	4	4	6	4	3	6.57	19	3
29	2	0	3	2	0	0	1	2	6	8	7	5	2	2	4	3	3	2	1	5	6	5	4	3	3.17	8	0
30	3	1	1	2	4	4	4	3	1	0	2	6	4	2	1	1	1	1	6	4	1	1	0	-1	2.17	6	-1
Avg	4.27	4.48	4.83	4.37	4.33	3.7	4.3	4.8	4.6	4.67	6.4	5.77	4.28	3.7	4.57	6.43	4.73	4.33	4.9	5.17	5.57	4.87	4.8	4.33	4.76	--	--
Max	8	15	21	10	10	8	13	10	13	14	41	28	16	19	26	62	10	11	10	10	14	10	10	8	--	62	--
Min	2	0	1	2	0	0	0	0	1	0	2	0	1	-15	-15	1	0	-1	1	-1	1	0	0	-1	--	--	-15

-- Indicates Invalid Data

SAROAD for Resolution, Far_West
"Component, Channel: Table126, conc_PM25"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	2	4	0	-3	-2	-1	0	2	3	1	1	3	4	4	3	4	3	2	6	6	6	3	2	3	2.33	6	-3
2	2	3	3	3	2	0	3	3	2	4	5	5	6	10	9	9	11	8	6	5	8	8	8	9	5.5	11	0
3	9	8	9	7	8	6	6	5	4	3	0	1	4	5	6	5	3	2	3	2	3	5	4	3	4.63	9	0
4	3	3	3	4	2	1	1	3	4	3	4	2	3	4	3	3	2	2	1	0	1	3	6	4	2.71	6	0
5	2	5	4	4	4	4	2	-1	1	3	5	3	1	1	6	6	4	3	3	4	5	3	1	3	3.17	6	-1
6	5	4	4	3	5	5	2	1	1	3	3	1	0	4	7	4	4	5	6	5	7	6	5	4	3.92	7	0
7	4	8	6	7	6	6	5	5	8	343	6	7	9	8	7	7	8	8	6	3	6	8	6	5	20.5	343	3
8	5	6	6	6	6	5	4	3	6	4	6	8	9	12	8	8	8	7	7	6	6	8	7	6	6.54	12	3
9	5	7	6	5	7	6	7	8	4	3	4	7	6	5	3	5	6	10	11	11	9	10	6	6	6.54	11	3
10	4	4	4	5	3	2	4	4	6	7	4	6	4	2	5	4	6	8	6	8	9	7	11	9	5.5	11	2
11	6	6	7	7	4	6	7	10	8	8	9	7	6	6	6	3	6	4	1	3	8	5	3	4	5.83	10	1
12	2	1	1	3	2	3	4	2	5	5	3	7	9	6	8	7	5	2	2	5	4	4	4	2	4	9	1
13	3	5	2	2	1	0	2	1	0	0	1	4	8	5	3	2	4	4	5	5	5	5	4	2	3.04	8	0
14	5	5	4	4	2	3	3	4	4	2	350	4	3	1	6	7	6	4	9	6	6	6	5	4	18.9	350	1
15	4	2	3	3	0	0	2	4	3	3	4	4	1	0	3	6	6	5	2	2	5	4	4	5	3.13	6	0
16	6	11	6	2	1	2	4	2	1	1	2	2	2	3	4	6	4	4	3	8	14	14	25	40	6.96	40	1
17	12	9	18	20	18	14	15	15	16	10	11	10	11	11	11	8	9	10	7	5	9	7	8	7	11.3	20	5
18	6	6	10	8	7	8	6	5	5	4	5	6	7	6	5	10	8	6	7	7	4	7	7	7	6.54	10	4
19	5	5	4	5	3	3	4	5	4	4	3	6	7	6	7	8	7	8	6	7	8	7	6	4	5.5	8	3
20	7	13	8	5	4	3	5	8	6	6	8	6	7	6	5	7	6	10	10	7	6	10	8	7	7	13	3
21	6	5	5	6	5	4	2	4	6	11	7	8	6	4	4	7	6	3	4	4	4	6	9	8	5.58	11	2
22	7	5	6	7	5	4	5	7	6	5	6	6	3	3	3	4	5	6	8	9	8	6	6	5	5.63	9	3
23	6	8	8	8	10	6	6	7	7	8	5	4	5	6	3	3	6	4	4	6	6	5	3	1	5.63	10	1
24	0	1	2	1	2	4	4	3	5	6	4	7	10	13	28	5	4	5	4	5	5	3	4	4	5.38	28	0
25	5	4	4	5	4	5	4	3	5	7	4	3	2	1	4	6	8	5	3	5	4	8	6	4	4.54	8	1
26	3	2	3	4	5	5	5	4	5	4	4	4	5	5	3	2	5	5	6	4	4	4	2	4	4.04	6	2
27	2	2	4	3	3	2	4	4	1	2	6	5	4	4	6	7	6	4	5	5	4	4	3	4	3.92	7	1
28	5	5	3	5	4	3	3	4	6	6	5	5	3	2	5	6	7	6	5	6	5	10	9	6	5.17	10	2
29	8	6	6	6	6	6	7	6	9	11	12	11	7	5	3	4	5	3	3	3	3	6	5	4	6.04	12	3
30	4	2	1	4	3	2	4	4	4	4	6	4	2	5	6	4	4	5	5	6	8	6	9	15	4.88	15	1
31	12	17	19	18	17	15	8	7	9	8	7	8	9	5	4	8	9	11	9	8	10	9	8	7	10.1	19	4
Avg	5	5.55	5.45	5.39	4.74	4.26	4.45	4.58	4.97	15.8	16.1	5.29	5.26	5.1	5.94	5.65	5.84	5.45	5.26	5.35	6.13	6.35	6.26	6.32	6.27	--	--
Max	12	17	19	20	18	15	15	15	16	343	350	11	11	13	28	10	11	11	11	11	14	14	25	40	--	350	--
Min	0	1	0	-3	-2	-1	0	-1	0	0	0	1	0	0	3	2	2	2	1	0	1	3	1	1	--	--	-3

Appendix C – Gaseous Analyzer Data: Hourly

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, NO2_ppb"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	4.74	4.36	4.84	2.09	6.57	7.74	3.52	7.3	4.95	2.68	2.21	1.99	1.57	1.39	1.16	0.962	0.862	0.635	0.463	1.43	2.92	2.23	2.97	1.52	2.96	7.74	0.463
2	1.17	1.32	1.41	1.76	1.7	1.87	2.57	4.08	2.73	1.47	1.58	1.29	0.961	1.34	1.55	2.04	2.17	2.51	2.15	2.47	2.48	4.63	2.24	0.655	2.01	4.63	0.655
3	0.687	0.81	0.819	0.881	0.8	1.04	3.32	2.7	1.41	1.58	1.69	1.88	1.75	1.66	1.59	1.55	1.47	1.38	1.5	1.85	2.01	2.87	1.79	11.5	2.02	11.5	0.687
4	2.56	6.82	1.75	1.72	2.95	1.61	3.47	6.3	6.68	2.08	1.49	1.14	1.72	1.21	1.26	0.989	1.29	1.01	0.918	1	1.39	5.43	1.31	1.12	2.38	6.82	0.918
5	0.876	0.953	0.786	0.859	0.727	0.708	0.826	--	--	--	--	0.959	0.057	-0.017	-0.236	-0.106	-0.21	-0.22	-0.12	-0.294	0.422	1.52	2.38	2.57	0.622	2.57	-0.294
6	0.042	2.45	1.07	0.19	-0.279	-0.36	-0.052	1.41	1.27	0.246	-0.02	0.176	0.563	0.131	0.139	-0.145	-0.219	-0.211	-0.114	0.153	0.836	1.37	0.432	0.756	0.41	2.45	-0.36
7	0.674	0.233	0.258	0.579	-0.022	0.105	0.23	0.633	0.636	1.14	1.4	0.923	0.456	1.09	0.397	-0.225	-0.121	-0.595	0.267	0.293	-0.352	0.601	-0.23	-0.251	0.339	1.4	-0.595
8	-0.15	-0.048	-0.01	0.095	0.015	0.074	0.022	0.245	0.65	0.216	0.109	0.198	0.249	0.22	0.11	0.051	-0.036	-0.239	-0.236	0.155	-0.048	0.098	0.095	0.895	0.114	0.895	-0.239
9	0.595	0.008	-0.228	-0.248	-0.1	-0.18	-0.168	0.149	0.394	0.533	0.646	0.723	0.721	0.521	0.532	0.225	-0.339	-0.393	-0.038	0.523	1.27	0.813	1.47	1.28	0.363	1.47	-0.393
10	0.831	1.33	1.35	2.68	1.45	0.958	0.389	0.594	1.22	0.735	0.571	0.546	0.076	-0.167	-0.017	-0.58	-0.678	-0.657	-0.456	-0.158	-0.412	-0.252	-0.512	-0.682	0.34	2.68	-0.682
11	-0.676	-0.697	-0.606	-0.63	-0.567	0.543	0.607	0.982	2.69	0.126	-0.158	-0.311	-0.395	-0.441	-0.21	-0.41	-0.618	-0.772	-0.52	-0.149	2.57	2.16	-0.025	0.008	0.104	2.69	-0.772
12	-0.001	-0.313	-0.3	-0.05	0.111	-0.059	-0.239	2.18	2.33	--	-0.635	-0.503	-0.357	-0.579	-0.192	-1.04	-1.14	-1.29	-0.312	-0.373	-0.69	-0.796	-0.683	-0.905	-0.254	2.33	-1.29
13	-1.19	-0.193	-1.09	-1.07	-0.872	-0.918	-0.828	0.223	--	--	--	--	-0.956	-0.583	-0.844	-1.04	-1.27	-1.3	-1.15	-1.08	-0.04	-0.813	-1.18	-1.12	-0.865	0.223	-1.3
14	-1.35	-0.723	-1.35	-1.37	-1.13	-0.659	0.074	0.903	--	--	--	--	0.588	0.416	0.805	0.136	-0.122	-0.071	-0.067	-0.078	0.236	0.101	-0.015	-0.205	-0.193	0.903	-1.37
15	-0.123	-0.153	-0.071	-0.028	0.212	0.887	1.48	0.488	1.79	0.685	0.335	0.292	0.136	-0.018	0.12	-0.044	-0.015	0.122	0.187	0.395	0.208	-0.092	-0.061	-0.033	0.279	1.79	-0.153
16	-0.019	0.214	0.361	0.549	0.479	0.376	0.599	0.679	1.95	0.432	0.3	0.297	0.231	-0.01	0.01	0.071	0.067	0.1	0.195	0.441	1.56	1.11	0.679	0.432	0.463	1.95	-0.019
17	0.518	-0.032	0.259	0.707	0.62	0.533	0.655	2.18	3.76	0.858	0.335	0.409	0.22	0.5	0.242	0.179	0.162	0.251	0.128	1.07	0.598	0.418	0.847	0.722	0.672	3.76	-0.032
18	0.358	1.5	0.601	1.42	0.476	0.13	-0.035	3.91	3.56	0.611	0.537	0.356	0.352	0.144	0.468	0.631	0.064	0.273	0.353	0.911	0.54	0.325	0.275	0.114	0.745	3.91	-0.035
19	0.24	0.23	0.121	1.24	0.386	0.418	4.09	2.98	1.41	--	1.63	0.856	1.21	0.762	1.37	2.4	1.02	0.467	1.73	0.744	0.571	-0.016	-0.135	-0.152	1.03	4.09	-0.152
20	-0.169	-0.077	-0.123	-0.205	-0.031	0.283	0.609	1.26	0.824	0.966	0.676	0.679	1.37	0.947	0.325	0.285	1.21	1.13	2.15	1.06	0.985	0.542	0.662	1.54	0.704	2.15	-0.205
21	1.66	0.889	0.956	0.855	0.976	1.09	0.935	1.16	1.01	1.12	0.94	1.44	1.24	0.974	1.74	1.36	0.887	1.35	1.2	1.07	0.828	1.04	1.23	0.676	1.11	1.74	0.676
22	0.496	1.04	0.475	0.421	0.497	0.455	0.889	0.817	1.56	0.92	0.76	0.436	0.834	0.439	0.245	0.048	0.284	0.167	0.068	1.25	0.266	3.84	0.904	0.472	0.733	3.84	0.048
23	0.377	0.39	0.435	0.502	0.266	0.229	0.263	0.561	2.03	1.44	0.701	0.488	0.455	0.141	0.089	-0.021	-0.096	-0.067	0.016	0.193	0.49	0.246	0.063	0.324	0.396	2.03	-0.096
24	0.734	0.174	0.028	0.591	0.075	0.076	0.646	2.27	3.06	1.89	0.967	1.76	0.905	0.247	0.296	0.296	0.099	0.558	0.803	0.274	0.935	1.03	1.29	1.64	0.86	3.06	0.028
25	1.92	2.03	1.7	1.44	2.2	1.73	5.09	4.92	3.09	2.27	0.737	1.15	0.782	0.865	0.477	0.456	0.098	-0.062	0.018	0.5	0.372	0.342	0.186	0.421	1.36	5.09	-0.062
26	1.11	0.456	0.96	1.22	0.874	1.33	1.09	1.31	--	--	-1.13	-2.1	-2.38	-2.5	-2.85	-2.99	-3.15	-3.11	-1.96	-2.04	-2.47	-0.993	-1.85	-2.05	-1.06	1.33	-3.15
27	1.66	-2.08	-3.21	-2.29	-2.81	-2.78	-2.79	-2.77	-2.62	-2.29	-2.33	-2.44	-2.84	-2.92	-2.78	-3.18	-2.93	-2.79	-2.17	-2.11	-0.892	-1.53	-3.01	-3.32	-2.38	1.66	-3.32
28	-3.1	-3.13	-3.23	-2.79	-2.65	-2.14	-0.542	-1	-1.56	-2.61	-2.92	-2.4	-2.41	-3.06	-3.15	-2.92	-3.26	-3.51	-3.44	-2.88	-2.95	-2.46	-2.16	-1.89	-2.59	-0.542	-3.51
29	-1.53	-2.09	-2.51	-2.36	-3.09	-3.17	-3.12	-3	-1.43	-1.57	-2.72	-2.44	-2.8	-2.97	-3.05	-3.29	-3.44	-3.35	-3.41	-2.53	-3.23	-3.41	-3.42	-3.46	-2.81	-1.43	-3.46
30	-3.32	-3.34	-3.26	-2.52	-2.96	-2.65	-0.569	0.604	-0.621	-1.45	-2.94	-2.85	-2.74	-3.1	-3.01	-3.08	-3.24	-3.38	-3.26	-2.82	-2.73	-1.87	-2.99	-3.27	-2.56	0.604	-3.38
31	-3.13	-3.21	-3.4	-3.49	-3.53	-2.73	-3.13	-1.82	1.77	-2.06	-2.79	-2.98	-3.12	-3.04	-3.13	-3.17	-3.11	-2.99	-2.83	-2.71	-3.17	-3.16	-2.85	-2.22	-2.75	1.77	-3.53
Avg	0.209	0.293	-0.039	0.0889	0.108	0.211	0.642	1.41	1.65	0.48	0.0704	0.0676	-0.05	-0.207	-0.211	-0.341	-0.462	-0.486	-0.256	-0.047	0.145	0.495	-0.01	0.229	0.154	--	--
Max	4.74	6.82	4.84	2.68	6.57	7.74	5.09	7.3	6.68	2.68	2.21	1.99	1.75	1.66	1.74	2.4	2.17	2.51	2.15	2.47	2.92	5.43	2.97	11.5	--	11.5	--
Min	-3.32	-3.34	-3.4	-3.49	-3.53	-3.17	-3.13	-3	-2.62	-2.61	-2.94	-2.98	-3.12	-3.1	-3.15	-3.29	-3.44	-3.51	-3.44	-2.88	-3.23	-3.41	-3.42	-3.46	--	--	-3.53

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, NO2_ppb"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	-0.108	-0.043	0.459	-1.24	0.607	0.182	-0.973	0.531	1.1	-2.15	-2.7	-2.6	-2.77	-2.95	-2.81	-3.08	-2.95	-2.95	-2.81	-2.96	-2.49	-2.82	-2.48	-2.54	-1.69	1.1	-3.08
2	-2.48	-1.67	-2.55	-2.23	-1.48	-0.789	-0.961	0.334	--	--	-0.95	-2.8	-2.89	-2.9	-3.03	-2.96	-2.98	-1.23	0.087	0.621	-0.85	-2.67	-2.94	-3.16	-1.84	0.621	-3.16
3	-3.2	-3.37	-2.84	-2.91	-2.77	-2.57	-2.25	-2.53	-2.42	-2.27	-1.51	-2.32	-2.26	-2.12	-2.09	-2.22	-2.39	-2.2	-2.05	-2.33	-1.9	-1.86	-2.48	-1.87	-2.36	-1.51	-3.37
4	-2.31	-2.44	-1.76	-2.45	-2.72	-2.19	-2.55	-2.81	-2.8	-2.88	-2.39	-1.96	-1.48	-1.74	-1.79	-2.14	-2.21	-1.78	-1.37	-1.12	-0.875	-1.64	-2.26	-2.37	-2.08	-0.875	-2.88
5	-2.56	-2.65	-2.72	-2.29	-2.38	-2.44	-2.32	-1.96	-2.28	-1.74	-1.93	-1.33	-1.83	-1.94	-1.92	-1.96	-2.07	-1.75	-1.56	-1.24	-0.562	-0.783	-1.65	-1.56	-1.89	-0.562	-2.72
6	-1.76	-1.95	-2.47	-1.7	-2.39	-2.54	-2.01	-2.16	-2.08	-2.11	-2.02	-1.89	-1.82	-1.72	-1.76	-2	-2.26	-2.18	-1.93	-1.28	-0.26	-0.95	-1.7	-2.84	-1.91	-0.26	-2.84
7	-2.66	-2.61	-2.34	-2.1	-1.47	-1.43	-0.305	-0.942	-1.53	-1	5.12	-1.61	-1.46	-0.869	-1.07	-1.47	-1.77	-1.43	-0.588	-0.866	-1.48	-2.14	-2.36	-2.29	-1.28	5.12	-2.66
8	-2.5	-2.61	-2.66	-2.76	-1.92	-1.88	-1.53	-1.23	-1.83	-1.74	-2.25	-2.03	-2.4	-2.74	-2.8	-2.96	-2.96	-3.03	-3.07	-3.15	-3.13	-2.21	-2.93	-2.95	-2.47	-1.23	-3.15
9	-2.77	-3.2	-3.17	-2.85	-2.7	-2.8	-2.58	-2.39	-2.27	-2.73	-2.74	-2.8	--	--	-1.68	-2.31	-2.38	-2.44	-1.82	-1.23	-1.53	-1.83	-1.65	-1.16	-2.32	-1.16	-3.2
10	-2	-1.82	-1.73	-0.94	-2.07	-2.04	-1.89	-1.48	-1.84	-1.68	-1.68	-1.87	-1.84	-1.86	-1.97	-2.09	-2.11	-2.27	-2.14	-2.11	-1.13	-1.75	-1.77	-1.57	-1.82	-0.94	-2.27
11	-1.79	-1.55	-1.33	-1.48	-1.43	-1.08	-0.828	-1.19	-0.845	-0.934	-1.44	-1.48	-1.52	-1.58	-1.76	-1.97	-2.03	-1.21	-0.165	-0.67	-0.34	-1.25	-0.338	-1.85	-1.25	-0.165	-2.03
12	-2.04	-1.96	-1.32	-1.83	-1.57	-1.85	-1.64	-1.45	-1.27	-0.962	-1.18	-1.64	-1.67	-1.77	-1.89	-2.01	-2.13	-1.59	-1.24	-1.45	-1.73	-1.34	-1.72	-1.53	-1.62	-0.962	-2.13
13	-1.72	-1.8	-1.77	-1.89	-1.61	-1.22	-0.545	-1.4	-1.43	2.41	1.01	-0.726	-1.52	-1.95	-1.85	-1.73	-1.78	-1.78	-1.31	-0.796	-1.01	-1.75	-2.11	-1.96	-1.26	2.41	-2.11
14	-1.8	-1.72	-1.8	-1.38	-0.945	1.54	1.87	0.303	0.259	-1.45	-0.269	-0.568	0.198	-1.08	-0.58	1.6	-1.19	-0.595	-0.112	0.494	-0.665	-2.14	-1.89	-0.209	-0.506	1.87	-2.14
15	-0.02	-0.531	-0.64	-0.63	-1.61	-1.14	-1.49	-1.18	1.57	-0.439	-1.3	-1.41	-0.29	-0.959	-1.61	-1.48	-1.85	-1.93	-1.09	-1.71	-1.8	-2	-1.53	-1.8	-1.12	1.57	-2
16	-2.18	-2.17	-2.23	-1.63	-1.52	-1.27	-2.1	-0.581	1.14	-0.407	-1.73	-1.9	-2.13	-2.22	-2.27	-2.17	-1.68	-1.29	-1.6	-2.21	-2.22	-2.24	-2.43	-2.52	-1.73	1.14	-2.52
17	-2.45	-2.32	-2.22	-2.48	-2.36	-1.65	0.259	--	1.09	0.032	-0.051	-1.05	-0.976	-0.58	-1.16	-1.01	0.287	0.888	0.998	2.62	0.855	-0.093	-0.88	2.57	-0.421	2.62	-2.48
18	0.125	-1.26	-2.35	-2.14	-2.01	-2.15	-2.12	-1.99	-1.9	-2.03	-1.84	-1.28	-1.5	-2.27	-1.95	-1.95	-1.7	-1.72	-1.34	-1.69	-1.87	-2.15	-2.18	-2.16	-1.81	0.125	-2.35
19	-2.19	-2.22	-2.41	-2.22	-2.02	-1.97	-1.92	-1.49	-1.43	-1.44	-1.45	-1.51	-1.69	-1.78	-1.71	-1.81	-1.71	-1.57	-1.28	-1.73	-1.77	-1.78	-1.56	-1.52	-1.76	-1.28	-2.41
20	-1.48	-1.66	-1.27	-1.51	-1.62	-1.46	-1.41	-1.22	-1.08	-1.15	-1.18	-1.18	-1.14	-1.18	-1.37	-0.881	-0.847	-0.712	0.637	0.67	-0.616	-1.31	-0.948	-0.564	-1.02	0.67	-1.66
21	-0.036	-0.995	-1.83	-0.71	-1.07	-0.158	0.174	0.693	-1.47	-1.57	-1.48	-1.39	-1.59	-1.26	-0.998	-1.15	-1.57	-1.32	-1.1	-0.793	-0.86	-1.03	-0.991	-0.941	-0.977	0.693	-1.83
22	-1.17	-0.909	-1.18	-1.76	-1.68	-1.9	-0.208	-1.22	0.03	-0.87	-1.25	-1.04	-1.13	-1.2	-1.39	-1.41	-0.927	0.482	-0.881	-0.639	0.143	-0.8	-0.389	-0.773	-0.92	0.482	-1.9
23	0.075	2.14	-1.27	-1.19	-1.33	-1.41	-0.965	-0.011	--	-1.64	-1.63	-1.96	-2.38	-2.37	-2.16	-1.93	-2.54	-2.01	-2	-0.736	-0.933	-1.88	-1.78	-1.11	-1.35	2.14	-2.54
24	-2.34	-2.46	-0.864	-1.36	-1.59	-1.13	-2.86	-2.96	-2.62	-2.78	-2.58	-2.55	-2.31	-2.58	-2.51	-2.62	-2.59	-2.89	-3.07	-2.8	-2.35	-2.66	-2.45	-2.78	-2.4	-0.864	-3.07
25	-2.69	-2.75	-2.69	-2.57	-2.33	-1.81	-2.16	-2.27	-2.17	-2.16	-2.46	-2.47	-2.31	-2.33	-2.41	-2.34	-2.38	-2.33	-2.56	-2.29	-2.54	-2.54	-2.55	-2.44	-2.4	-1.81	-2.75
26	-2.34	-2.42	-2.32	-2.23	-2.17	-2.01	-1.83	-1.89	-1.8	-1.63	-0.708	-1.72	-2.17	-2.2	-1.99	-0.035	0.272	-1.97	-1.64	-2.06	-2.89	-2.93	-2.94	-3.11	-1.95	0.272	-3.11
27	-3.13	-3.03	-2.67	-2.38	-2.46	-2.68	-2.72	-2.68	-2.57	-2.67	-2.7	-2.49	-2.55	-2.65	-2.67	-2.9	-2.97	-2.62	-2.75	-2.99	-2.87	-2.84	-3	-2.95	-2.75	-2.38	-3.13
28	-2.99	-2.96	-3.01	-2.93	-2.93	-2.82	-2.79	-2.76	-2.84	-2.76	-2.56	-2.37	-2.45	-2.43	-2.58	-2.59	-2.87	-2.4	-2.51	-2.48	-2.59	-2.36	-2.2	-2.38	-2.65	-2.2	-3.01
29	-2.3	-2.2	-2.31	-2.3	-1.9	-2.06	-1.74	-0.57	-0.439	-2.07	--	--	-1.78	-2.15	-2.31	-2.43	-2.72	-2.47	-2.33	-1.58	-1.82	-2.62	-2.59	-2.22	-2.04	-0.439	-2.72
30	-0.874	-1.11	-2.02	-0.982	-1.27	-1.83	-1.86	-1.51	-1.51	-0.93	-1.08	-1.54	-1.9	-1.46	-2.26	-2.27	-2.14	4.84	-1.33	-1.99	-2.23	-1.49	-2.6	-2.88	-1.43	4.84	-2.88
Avg	-1.86	-1.87	-1.98	-1.9	-1.82	-1.62	-1.47	-1.38	-1.26	-1.51	-1.34	-1.77	-1.78	-1.89	-1.95	-1.88	-1.97	-1.51	-1.46	-1.35	-1.48	-1.86	-1.98	-1.85	-1.7	--	--
Max	0.125	2.14	0.459	-0.63	0.607	1.54	1.87	0.693	1.57	2.41	5.12	-0.568	0.198	-0.58	-0.58	1.6	0.287	4.84	0.998	2.62	0.855	-0.093	-0.338	2.57	--	5.12	--
Min	-3.2	-3.37	-3.17	-2.93	-2.93	-2.82	-2.86	-2.96	-2.84	-2.88	-2.74	-2.8	-2.89	-2.95	-3.03	-3.08	-2.98	-3.03	-3.07	-3.15	-3.13	-2.93	-3	-3.16	--	--	-3.37

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, NO2_ppb"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	-2.32	-2.89	-1.91	-1.17	-1.9	-1.53	-0.343	-0.596	-0.951	-1.53	-0.946	-2.17	-2.03	-1.91	-2.16	-1.15	-2.2	-2.09	-1.95	-1.52	-1.66	-1.86	-2.42	-2.61	-1.74	-0.343	-2.89
2	-2.43	-1.98	-1.98	-1.98	-2.11	-1.87	-0.871	-1.47	-0.108	-0.122	-1.66	-1.51	-0.758	-1.46	-1.57	-1.34	0.267	-0.124	0.052	-0.41	-1.64	-2.33	-2.44	-2.57	-1.35	0.267	-2.57
3	-2.36	-1.71	-1.37	-1.53	-1.45	-1.53	-1.81	-1.41	-0.884	-1.08	-1.33	-1	-1.85	-1.84	-1.77	-2.06	-1.9	-2.33	-1.96	-1.54	-1.44	-2.52	-1.99	-2.8	-1.73	-0.884	-2.8
4	-2.74	-2.05	-3.05	-2.51	-2.71	-2.53	-2.78	-0.407	-2.21	-2.03	-1.9	3.55	-2.44	-2.03	-2.27	-2.52	-2.46	-2.56	-2.23	-1.77	-2.03	-1.92	-2.08	-1.95	-1.98	3.55	-3.05
5	-2.13	-2.6	-0.66	-0.701	-2.39	-2.06	-2.17	-2.62	-0.649	-1.21	-1.88	-2.13	-2.24	-2.55	-2.57	-2.35	-2.28	-1.14	-2.69	-2.64	-3.07	-3.15	-3.24	-3.16	-2.18	-0.649	-3.24
6	-2.87	-2.98	-2.13	-0.92	-0.18	-1.11	-2.11	2.8	--	3.19	1.66	1.52	1.62	1.57	1.63	1.77	1.61	1.73	1.69	1.97	1.61	1.23	1.38	2.41	0.743	3.19	-2.98
7	1.42	1.49	1.29	1.21	1.91	1.98	2.26	1.59	3.97	2.72	2.14	1.78	1.74	1.73	1.55	1.59	1.51	1.97	1.94	2.68	3.7	2.28	3.5	1.36	2.05	3.97	1.21
8	1.38	1.67	2.09	2.91	2.48	3.34	4.23	2.64	3.3	4.09	3	1.59	1.55	1.78	1.78	1.85	1.75	2.41	3.65	3.55	2.04	2.19	2.68	1.93	2.5	4.23	1.38
9	2.12	2.42	2.32	2.46	2.4	2.44	2.76	2.78	2.95	3.23	2.95	3.15	3.28	2.76	2.72	2.85	5.21	3.27	2.81	5.32	3.44	2.12	2.23	2.29	2.93	5.32	2.12
10	2.36	2.27	2.32	2.26	2.19	2.44	2.41	2.39	3	2.88	2.76	2.66	3.22	2.25	2.63	2.25	2.24	2.46	2.63	4.08	3.31	2.39	2.04	1.57	2.54	4.08	1.57
11	1.35	1.78	1.67	1.7	1.61	2.06	1.57	1.85	2.94	4.08	1.97	2.16	2.37	2.13	1.86	1.87	1.75	1.93	1.71	2.05	2.65	1.73	1.76	1.4	2	4.08	1.35
12	1.36	1.6	1.44	1.3	1.42	1.31	1.24	1.55	2.14	3.75	3.36	2.41	2.16	1.99	1.59	1.65	1.25	1.41	1.47	1.35	1.19	2.25	1.83	1.9	1.79	3.75	1.19
13	1.83	1.73	1.26	1.18	1.37	2.33	1.2	6.63	3.12	--	2.17	2.05	1.78	2	1.67	1.69	1.28	6.3	3.85	1.42	1.6	1.62	4.81	4.24	2.48	6.63	1.18
14	7.93	1.33	1.27	1.3	1.19	1.12	0.99	4.27	6.14	3.53	2.55	2.04	1.56	1.63	2.22	1.91	1.73	2.36	5.01	2.28	4.29	1.29	1.13	1.19	2.51	7.93	0.99
15	1.22	1.37	2.15	1.51	1.72	1.92	2.59	3.28	2.69	2.51	4.07	2.46	2.41	1.96	1.98	1.81	2.13	1.07	0.736	0.78	0.798	1.25	1.28	2.04	1.91	4.07	0.736
16	1.58	2.49	1.72	1.54	3.42	3.37	3.05	2.58	3.24	2.07	1.54	1.58	1.47	1.2	1.56	1.46	1.47	1.56	1.74	0.992	0.846	0.855	0.989	0.889	1.8	3.42	0.846
17	0.907	1.01	1.1	1.47	1.91	1.35	1.21	1.87	1.93	2.41	1.94	1.74	1.82	1.71	1.45	1.44	1.39	1.54	1.63	2.76	2.42	2.08	1.94	1.88	1.7	2.76	0.907
18	4.3	4.86	3.74	7.76	2	1.53	1.66	1.71	1.81	2.04	1.87	1.36	1.27	1.24	1.01	1.03	0.962	0.988	1.38	1.9	1.67	1.62	1.61	1.64	2.12	7.76	0.962
19	1.51	1.65	1.39	1.58	1.57	1.72	2.33	2.27	2.03	2.01	1.67	1.43	1.74	1.55	1.58	1.33	1.44	1.32	1.23	1.38	1.34	1.24	1.42	1.49	1.59	2.33	1.23
20	1.62	1.7	1.58	1.85	2.06	2.27	2.37	2.76	--	--	0.996	0.436	0.795	0.507	0.512	0.448	0.565	0.504	0.326	0.079	0.309	0.347	0.247	0.188	1.02	2.76	0.079
21	0.245	0.122	0.133	0.333	0.354	0.31	0.459	0.776	2.38	0.497	2.01	1.43	1.35	-0.1	-0.327	-0.365	-0.334	-0.192	0.597	0.47	0.2	0.332	1.44	2.46	0.607	2.46	-0.365
22	1.91	0.896	0.274	0.889	-0.107	-0.524	-0.334	-0.55	-0.532	0.013	-0.424	-0.308	-0.414	-0.45	-0.422	0.735	0.876	0.346	0.723	0.722	0.232	0.326	0.089	-0.055	0.163	1.91	-0.55
23	-0.226	-0.207	-0.298	-0.372	-0.545	-0.427	-0.259	-0.246	-0.501	-0.386	-0.201	0.065	0.053	-0.044	-0.179	-0.185	-0.278	-0.334	0.453	1.85	0.105	-0.11	-0.099	-0.124	-0.104	1.85	-0.545
24	-0.462	-0.23	-0.333	-0.367	-0.444	-0.358	0.037	0.104	0.574	0.473	0.523	0.199	-0.202	-0.355	-0.54	-0.668	-0.772	-0.861	-0.831	-0.778	-0.765	-0.821	-0.876	-0.776	-0.355	0.574	-0.876
25	-0.821	-0.886	-0.831	-0.75	-0.696	-0.324	-0.735	-0.82	-0.62	-0.632	-0.565	-0.429	-0.189	-0.131	-0.299	-0.352	-0.575	-0.609	-0.546	-0.332	-0.53	-0.703	-0.725	0.722	-0.516	0.722	-0.886
26	-0.293	-0.389	-0.533	1.83	1.18	1.43	0.362	-0.166	0.562	1.1	0.488	0.541	0.216	-0.152	-0.329	-0.287	-0.098	0.766	0.034	0.018	-0.026	0.142	0.172	-0.08	0.27	1.83	-0.533
27	-0.143	-0.061	-0.1	-0.378	-0.202	0.256	0.14	-0.135	0.289	0.224	0.437	0.173	0.161	0.348	0.297	0.427	-0.185	-0.351	-0.171	-0.35	-0.502	-0.516	-0.245	-0.239	-0.034	0.437	-0.516
28	-0.175	-0.507	-0.427	-0.39	-0.036	0.393	0.118	0.42	0.078	0.209	0.756	0.678	1.14	1.01	1.82	3.65	4.97	4.31	1.55	0.185	2.47	2.82	1.55	-0.083	1.1	4.97	-0.507
29	-0.308	-0.433	-0.408	-0.643	-0.676	0.219	-0.443	-0.228	0.035	0.261	0.763	1.24	0.867	0.559	0.446	0.277	0.311	-0.18	-0.134	0.182	0.115	-0.126	-0.341	-0.304	0.0439	1.24	-0.676
30	-0.289	-0.33	-0.366	-0.287	-0.224	-0.007	0.649	0.015	0.27	0.497	0.149	0.396	8.02	0.66	0.371	-0.016	0.901	0.979	0.542	0.195	-0.045	0.143	0.217	0.179	0.526	8.02	-0.366
31	0.536	0.604	0.351	0.465	0.658	0.638	0.224	-0.07	0.083	0.078	0.097	0.148	0.14	0.142	0.221	0.238	0.192	0.283	0.124	0.283	0.168	0.098	0.196	0.034	0.247	0.658	-0.07
Avg	0.517	0.379	0.378	0.695	0.508	0.65	0.646	1.08	1.28	1.2	0.999	0.943	0.987	0.571	0.531	0.612	0.734	0.862	0.818	0.876	0.735	0.461	0.582	0.486	0.728	--	--
Max	7.93	4.86	3.74	7.76	3.42	3.37	4.23	6.63	6.14	4.09	4.07	3.55	8.02	2.76	2.72	3.65	5.21	6.3	5.01	5.32	4.29	2.82	4.81	4.24	--	8.02	--
Min	-2.87	-2.98	-3.05	-2.51	-2.71	-2.53	-2.78	-2.62	-2.21	-2.03	-1.9	-2.17	-2.44	-2.55	-2.57	-2.52	-2.46	-2.56	-2.69	-2.64	-3.07	-3.15	-3.24	-3.16	--	--	-3.24

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, O3_ppb"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	30.2	29.8	28	35.1	30.6	26.9	31.8	27.8	35.3	39.8	41.9	43.8	43.9	40.3	40.5	40.7	41.6	42.3	41.5	38.5	34.8	34.8	33.6	35.8	36.2	43.9	26.9
2	35.9	35.2	34.2	32.1	32.4	30.5	26.7	23.9	29	32.7	33.6	36.3	35.3	33.1	33.7	33	30.6	27.2	27.3	25.7	24.1	22	23	28.2	30.2	36.3	22
3	27.5	28.4	29.4	29.5	29.7	30	25.8	24.3	30.1	30.6	33.4	36.8	45.5	54.2	56	57.7	58	58.9	59	58	54.9	48.3	49.8	37.7	41.4	59	24.3
4	44	37.4	43.6	43	41.3	43.2	40.8	34.3	39	48.7	50.7	52	52.2	53.8	54.2	55.6	57.4	57.7	56.7	53.8	50.7	42.3	50.4	50.3	48	57.7	34.3
5	50.7	49.3	49.2	48.1	49.3	48.4	47.7	41.4	39.6	48.5	49.2	--	--	49.2	49.2	51.2	49	46	44.5	45	43.7	38	39.8	39.6	46.2	51.2	38
6	48.1	41.1	40.4	40.8	41.8	42	40	36.8	40.7	42.3	43.3	44.9	45.2	47.5	49.5	50.5	51.2	53.3	55.8	59.3	58.6	52.3	53.6	50	47	59.3	36.8
7	49.3	50	46.9	44.8	44.6	44.6	43.8	42.1	44.7	44	45	48.2	45.8	44.5	42.8	43.4	43.8	45.3	43.1	42.2	42.4	41	40.4	40.4	44.3	50	40.4
8	41.1	40	37.8	35.8	35	33.8	32.5	32.8	33.2	35.4	37.5	38.1	38.5	38.4	39.1	40	40.7	40.2	39	41.7	38.7	37.9	38.1	35.9	37.5	41.7	32.5
9	32.9	34.5	37.2	37.9	36.7	35.9	35.2	34.8	34.9	35.4	36.5	36.9	37.2	39.2	40.5	41.3	40.6	41.4	39.9	38.3	34.2	35.8	33.9	32.5	36.8	41.4	32.5
10	31.5	29.5	30.6	28.2	29	29.1	30.9	29.3	30.2	32.8	36	39.4	37.6	37.9	37.9	38.8	39	38.5	37.9	34.8	34.4	34.3	34.5	34.8	34	39.4	28.2
11	34.6	33.9	33.3	33.2	32.5	31.7	30.5	28.1	26.4	32	31.3	32	30.4	31.9	36.3	34.8	32.2	32.4	33.7	34.4	30.2	30.7	33.3	33.2	32.2	36.3	26.4
12	33.4	34.7	33	29.4	28.2	28.7	29.2	24.4	26.7	--	38.3	37.7	39	40	40.5	40.2	41.5	44.8	44.4	42.6	42.3	42.1	41.9	42.8	36.8	44.8	24.4
13	42.1	39.7	39.7	40	39.4	40.7	40.8	34	29.2	45	46.7	44.8	43.8	--	--	45.8	45.6	45.1	45	45.9	42.3	42.2	42.9	41.7	41.9	46.7	29.2
14	42	41.4	42.1	41	40.8	39.7	37.9	36.4	28.5	39.6	41	40.5	41.9	--	--	45.5	46.1	48	49.1	47.6	43.8	45.6	46.1	46.4	42.3	49.1	28.5
15	45.9	45.4	46.4	46.7	45.4	43	41.3	38.6	38.3	42.1	46.2	47.4	47	46.4	46.6	47.4	50.1	51.8	50.6	47.6	47.8	49.1	51.2	50	46.3	51.8	38.3
16	49.8	49.8	46.9	45.5	43.3	43.5	41	38.7	37.9	41.3	41.5	42.3	41.4	42.4	42.5	43.3	47.7	48.2	46.8	44.1	38.9	39.9	40.2	40.6	43.2	49.8	37.9
17	39.5	40.3	39.1	36.4	35.9	35.7	36	34.3	32.3	40.1	42.9	42.8	41.6	43.9	44.6	45.4	46.4	45.3	45.3	44	41.4	40.7	38.4	40	40.5	46.4	32.3
18	39.5	36.9	38.2	37.7	38.7	38.6	38.1	30.6	32.5	39.7	41.2	43	44.3	44.9	45.4	46.2	47.1	49.3	51.1	48	47	44.9	44.6	46.4	42.2	51.1	30.6
19	46.5	47.4	47.1	42.3	44.6	42.3	35.1	38.8	43.8	42	46.1	--	48.3	47.8	45.6	46.4	49.3	61	60.1	47.8	46.9	48.9	47.9	47	46.7	61	35.1
20	47.2	48	48	47.4	47.3	45.7	44.6	43.3	43.7	43.6	45	45.1	46.5	47	47.7	48.5	49.2	48.4	46.1	46.6	46.2	46.8	48	47.6	46.6	49.2	43.3
21	47.2	47.4	46.6	45.8	44.3	44	44.9	45	45.7	46.2	47.5	49.1	50.2	51.2	50.4	49.8	50.2	47.7	45.2	43.4	43.5	43.3	43.1	44.9	46.5	51.2	43.1
22	45.3	46	46.6	45.2	44.4	43.7	43	42.6	42.5	43.2	44.7	45.1	46.9	48.5	48.2	46.8	50.4	54.7	52.5	49.8	52.6	49.9	49	52.9	47.3	54.7	42.5
23	51.8	49.9	48.5	45.6	45.3	44.4	43.7	40.9	41.3	47.3	49.1	52	50	46.3	44.8	43.3	44	44.9	45.2	47	43.4	43.2	43.7	42.5	45.8	52	40.9
24	41	41.5	42.1	39.5	41	39.9	37.3	33.7	34.3	37.8	40	40.3	42.9	43.5	43	44.3	45	44	41.5	42.4	40.8	40.5	36.4	33.7	40.3	45	33.7
25	32.2	35.1	31.3	32.3	27.8	29.1	24.1	25.9	30.6	35.7	37.2	38.3	39.3	39.9	37.3	36.9	38.1	39.6	39.6	34.8	33.8	33.8	34.4	35.7	34.3	39.9	24.1
26	33.5	32.5	31.1	32	33.1	31.5	29.5	28.8	29.6	30.9	--	31.4	30.5	30	30.5	32.3	35.1	35.2	30.9	31.1	34.1	31.7	33.2	33.7	31.8	35.2	28.8
27	30.3	35.7	35.9	33.4	34.6	34.8	35.7	34.6	35.8	36.3	38.9	41.1	41.7	41.6	41.5	42	41.7	41.8	39.8	38	36.4	37.3	38.9	40.3	37.8	42	30.3
28	40.3	40	40.6	39	38.7	37.9	33.5	36.6	36.7	41.6	43.5	43.8	41.6	39.5	37.4	34.8	32.4	31.8	28.9	26	24.9	24.2	26.9	29.8	35.4	43.8	24.2
29	30.8	30.5	31	29.3	29.1	27.4	24.1	23.4	22.3	26	24.9	26.6	28	29.2	29.6	30.3	30.4	30.5	31.2	27.1	28.3	30.7	30.7	30.7	28.4	31.2	22.3
30	30.1	30.4	30.3	28	27.8	27.8	24.9	24.4	26.6	30	32.4	34.6	35.1	39.6	39.7	35.8	30.6	29.8	27.7	26	25.8	24.7	27.4	30.8	30	39.7	24.4
31	33.9	36.2	37.5	38.3	38	34.9	35	31.8	28.1	35	36.8	36.5	35.2	31.5	26.8	29.1	28.2	25.8	30.1	29	27.6	27.3	26.5	24.2	31.8	38.3	24.2
Avg	39.6	39.3	39.1	38.2	37.8	37.1	35.7	33.6	34.5	38.9	40.8	41.1	41.6	42.2	42.1	42.6	43	43.6	42.9	41.3	39.8	38.8	39.4	39.4	39.7	--	--
Max	51.8	50	49.2	48.1	49.3	48.4	47.7	45	45.7	48.7	50.7	52	52.2	54.2	56	57.7	58	61	60.1	59.3	58.6	52.3	53.6	52.9	--	61	--
Min	27.5	28.4	28	28	27.8	26.9	24.1	23.4	22.3	26	24.9	26.6	28	29.2	26.8	29.1	28.2	25.8	27.3	25.7	24.1	22	23	24.2	--	--	22

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, O3_ppb"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	20.5	23.1	23.5	25.9	21.4	21.9	25	22.6	22.1	33	33.2	33.9	35.4	36.7	38.9	43.9	45.2	45.4	46.6	45.5	41.9	44.4	38.9	37.4	33.6	46.6	20.5
2	36.5	35.3	40	38.6	38.4	40.3	41.4	39.1	39.8	38.9	--	34	35.5	38.4	40.6	40.9	43.7	51.5	51.4	44.9	43	39.5	35.6	37.8	40.2	51.5	34
3	38.4	39.5	39.8	39.8	38.7	40	35.9	35.4	33.1	32.6	32.1	32.1	32.5	35.2	36	37.4	39	39.3	36.7	37.8	36.6	30.9	40.4	40.7	36.7	40.7	30.9
4	39.9	43.3	43.9	42.6	39.9	40.7	43	43.7	43.4	43.2	41.6	41.2	42.1	45.2	48.4	49.2	47.9	51.9	53.2	48.2	37.5	32.2	35.6	36.3	43.1	53.2	32.2
5	32.8	32.2	29.7	29.9	28	28.5	27.3	26.3	32.5	33.6	35.7	38.3	42.8	45.9	48.1	50	51.2	52.5	53.8	54.8	50.3	43.1	45.8	42.2	39.8	54.8	26.3
6	39.3	39	35.1	31.2	32.7	34.2	33.1	31.1	33.5	38.3	40.1	43.4	46.5	49.6	51.5	52.5	55.9	55.7	56.2	56.6	50.2	50.7	45.5	44.5	43.6	56.6	31.1
7	41.7	41.4	40.4	42.3	42.2	41.1	39.7	39.3	37.4	38	34.7	41.2	44.4	50.2	55.1	55.4	56.6	55.8	52.3	38.7	37.6	39.4	40.1	39.2	43.5	56.6	34.7
8	37.6	38.7	38.8	38.1	36.6	36.5	35.3	35.1	37.7	42.1	43.3	44.2	45.1	45.8	46.6	47.2	46.2	45.1	43.9	43.1	43	40.9	43.4	42.7	41.6	47.2	35.1
9	41.8	42.6	43	42.6	41.7	40.9	38.2	37.7	38.3	40.9	42.8	44.8	46.1	--	--	49.2	49.5	48.5	44.9	42.4	42.5	42.5	43.1	42.9	43	49.5	37.7
10	43	43.2	42.8	41.5	41.7	41.7	40.7	39.2	40.5	39.6	39.8	40.5	41.1	41.4	42.2	42.4	42.5	41.8	40.9	39.5	36.5	38.7	38.2	36.7	40.7	43.2	36.5
11	37.5	36.2	36.5	36.9	37.6	37.2	36.4	36.2	36	37.3	40.2	41.2	41.3	41.7	42.1	42.5	42.9	40.7	37.5	38.7	37.6	39.2	38.7	39.4	38.8	42.9	36
12	38.7	38.2	36.7	36	35.4	35.8	35.8	36.6	36.4	36.8	39.2	40.8	41.1	41.6	42.1	42.9	43.8	42	41.2	40.1	40	39.8	39.1	38.5	39.1	43.8	35.4
13	38.3	37.6	38.5	38.4	37.7	37.9	35.6	37.9	37.9	37	40	42.6	45.8	47.8	48.5	49.5	49.4	49.7	53	52.1	47.1	42.4	42.5	41.6	42.9	53	35.6
14	41.1	40.5	40.8	42	40.7	37.3	37	39	39.6	42.3	41.9	44.5	44.9	47.8	48.2	47.7	52.3	52.1	52.4	48.7	44.9	47	47.5	43.8	44.3	52.4	37
15	40.9	41.8	42.1	41.7	42.5	43.2	43.3	42.4	41.3	42.2	43.3	45	45.8	48.5	47.8	49.1	47.5	50.2	47	45.4	44.6	45.4	44.3	43.6	44.5	50.2	40.9
16	45.7	45.2	45.6	43.7	42.5	42.5	43	40.9	37.2	41.3	46.3	49	50.4	50.4	51	51.3	50.2	49	48.5	48.8	48.5	48.3	48.8	48.4	46.5	51.3	37.2
17	47.2	46.5	45.9	46.5	46.5	44.3	38.7	37.8	--	42.8	44.6	46.6	47.3	48.8	50.7	51.2	49.8	48.7	46.8	42.6	42.2	43.4	45.2	42	45.5	51.2	37.8
18	41.2	42.8	44	44.4	44	44.2	43.2	42.4	44.2	44.5	43.9	43.8	46.3	49.6	51	52.4	51.7	51.2	50.1	49.2	49	48	46.3	44.8	46.3	52.4	41.2
19	43	42.6	42.1	41.9	41	40.3	39.7	39	38.3	38.8	40.2	42.3	43.5	44.3	44.4	44.5	43.7	42.6	42.2	43	43.5	42.9	42.6	42.7	42	44.5	38.3
20	41.9	42	41.2	41.8	41.3	41	40.8	40.3	39.6	39.3	39.2	40	41.2	41.5	41.2	39.5	38.6	38.1	36	36.5	37.3	38.9	36.3	36.3	39.6	42	36
21	36.5	37.3	38.3	33.3	33.4	32.1	29.5	28.1	31	30.9	30.7	30.9	36.1	36.8	39.3	42.1	43.4	42.9	42.6	42.1	41.8	42.2	42.3	35.8	36.6	43.4	28.1
22	35.3	29.9	31	35.4	33.9	37.1	35.2	33.6	27.5	40.7	45.6	45.7	45.6	46.4	47.5	48	48.3	47.8	48	43.8	36.1	38.4	33.2	32.5	39.4	48.3	27.5
23	32.7	31.8	35.7	35	34	34.4	33.7	32.5	33.3	--	35.3	38.3	43	45.2	45.9	46.8	48.6	44	40.7	35.9	37	40.3	39.6	36.4	38.3	48.6	31.8
24	37	36	35.8	38.8	47.8	48	50.4	49.9	50.7	51.4	52.9	51.8	51.5	51.7	51.1	50.3	49.2	48.7	47.9	46.6	45.5	45.6	45.2	44.8	47	52.9	35.8
25	44.4	44	43.2	42.8	43	41.9	42.3	42.3	42.7	43.2	44.1	44	44.7	45.3	45.5	45.3	45.2	44.3	44.3	43	42.6	41.9	41	40.8	43.4	45.5	40.8
26	41.1	40.8	40.5	39.6	38.8	38	37.2	36.9	36.9	35.6	35.6	36.4	38.7	38.2	37.1	36.3	34.4	35.9	36.6	38.1	44.2	46	46	46.5	39	46.5	34.4
27	46.7	46.8	45.4	43.1	43	45.2	46	45.8	45.9	46.5	47.5	47.2	48.3	48	48.1	48	47.8	46.7	46.2	46.1	45.6	49.4	52.5	54.1	47.1	54.1	43
28	52.8	49.7	47.1	45.5	44.2	42.5	42.5	41	40.9	41.1	40.9	40.9	42.8	45.4	47.4	48.1	48.7	47.9	47.8	47.9	48.5	46.6	45.2	44.7	45.4	52.8	40.9
29	44.4	42.9	43	43.3	41.9	41.3	39.7	37.2	36.4	39.9	38.3	--	--	40.6	41.3	41.5	41.3	41.4	41.1	37.3	35.2	35.9	33.6	33.9	39.6	44.4	33.6
30	32.4	32.8	34.2	33.7	34.4	34.7	32.9	32.5	34.2	34.8	34.8	36.3	38.7	39.2	40.6	40.7	40.5	36.9	38	38.1	39.2	37.2	38.4	39.4	36.4	40.7	32.4
Avg	39.7	39.5	39.5	39.2	38.8	38.8	38.1	37.4	37.5	39.5	40.3	41.4	43.1	44.4	45.5	46.2	46.5	46.3	45.6	43.8	42.3	42	41.8	41	41.6	--	--
Max	52.8	49.7	47.1	46.5	47.8	48	50.4	49.9	50.7	51.4	52.9	51.8	51.5	51.7	55.1	55.4	56.6	55.8	56.2	56.6	50.3	50.7	52.5	54.1	--	56.6	--
Min	20.5	23.1	23.5	25.9	21.4	21.9	25	22.6	22.1	30.9	30.7	30.9	32.5	35.2	36	36.3	34.4	35.9	36	35.9	35.2	30.9	33.2	32.5	--	--	20.5

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, O3_ppb"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	37.2	37.1	35.3	35	35.7	35.4	34.1	34.3	34.3	36.1	36.7	42.1	43.8	43.1	42.7	42.1	43.1	42.1	40.5	37.1	37	37.1	39.2	40.2	38.4	43.8	34.1
2	39.2	39.4	39.4	40.1	39.8	37.1	38	39.1	34.1	39.1	43.9	44.3	43.8	45.5	45.1	43.3	41	41.1	38.8	37.5	40.5	41.1	38.4	38.7	40.3	45.5	34.1
3	39.1	36.6	35.5	35.7	34.9	34.8	34.8	34.3	35.1	36.2	37.8	38	40.9	42.2	43	43.7	44.3	44	42.6	42.7	41.7	42.4	42.2	43.2	39.4	44.3	34.3
4	42.3	42.6	46	44.6	44.7	44.4	44.2	42.1	42.9	43.3	42.6	38.9	44.5	45	45.2	45	44.2	44.7	43.2	41.5	40.7	39.9	41.8	40.8	43.1	46	38.9
5	41.2	42.6	39	38.8	40.4	39.2	40.6	41.2	36.9	39.3	42.8	45.8	46.5	47.4	47.3	48.4	47.8	46.5	48.5	47.8	51.1	51	50.7	49.8	44.6	51.1	36.9
6	47.6	46.1	44.3	42.5	41.3	41.2	42.5	37.4	39.3	--	47	47.2	47.6	47.7	48	47.1	46.5	45.7	44.3	42	43.7	45.5	45.7	43.7	44.5	48	37.4
7	44.6	44.1	42.9	42.3	39	36.9	36.1	36.9	29.9	36.4	40.4	41.9	42.9	43.7	43.5	43.1	43.1	43.4	43	39	33.7	38.7	37.9	41.4	40.2	44.6	29.9
8	41.1	38.7	36.3	34.4	32.5	32	31.1	30.6	31.4	35.5	37.8	41.5	42.5	43.1	43.6	44.6	45.2	44.7	42.9	37.7	38.2	39.5	39.1	38.3	38.4	45.2	30.6
9	35.5	33.3	32.3	31.8	32.1	31.7	31	30.5	30.3	30.1	31.6	33.2	36.3	38.4	39.8	39.3	35.5	36.1	37.3	36.8	37.2	38.2	38	37.4	34.7	39.8	30.1
10	36.6	36.5	36	35.6	34.7	33.1	32.3	32	31.1	31.4	32.1	34.9	38.6	40.7	42.7	42.4	42.8	43.3	44.9	40	40.7	42.8	45.9	48.8	38.3	48.8	31.1
11	45.1	41	39.7	39.3	41.3	40.4	42.3	43.3	39.2	39.9	44.1	45.6	46.2	46.9	46.2	47	47.3	45.1	44.7	43.7	40.3	41.8	40.2	42	43	47.3	39.2
12	39.7	38.4	38.8	38.9	38.1	38.7	38.5	37.6	37.3	35.7	38.3	39	41.3	42.5	41.5	41.2	41.7	41.8	41.3	41.8	42.4	37.9	39.2	39.4	39.6	42.5	35.7
13	40.2	39.8	40.8	40	40.6	39.3	39.4	36.9	32.1	33.6	--	40.6	42.5	42.8	41.4	40.7	41.4	37.5	37.9	39.4	37.1	38.3	36.4	36.1	38.9	42.8	32.1
14	31.3	37.2	37.1	37.8	38	38	36.7	28.3	27.6	32.2	34.1	35.1	35.5	36.4	36	36.7	37.1	35.8	30.8	33.5	31.7	34.5	34.5	34.7	34.6	38	27.6
15	33.8	33.2	32.6	33	32.3	32	31.4	30.5	30.8	31.2	33.6	36.1	37.5	39	39.1	39	38.4	38.2	38	38.5	39	38.1	37.3	37.1	35.4	39.1	30.5
16	35.5	31.7	32.7	30.9	27.4	27.3	27.5	27.5	25.7	29.2	30.1	30.1	30.5	30.8	30.6	30.8	31.5	31.7	29.7	30.5	30.5	29.9	29.6	29.4	30	35.5	25.7
17	29	29.1	31.6	38.5	42.8	44.5	44.9	42	42.5	41.8	43.5	44.4	45.2	46	46.5	47.1	47.5	47.1	46.2	40.4	37.4	36	36.7	40	41.3	47.5	29
18	37.7	36.5	39.1	33.8	39.8	39.5	36.4	40	40.2	40.7	42.3	45.8	47.3	46.8	45.1	44.6	43.9	43.3	43	42	40.6	40.5	39.8	40.3	41.2	47.3	33.8
19	41	40.7	40.9	40.8	40.7	39.8	38.9	38.1	37.5	37.6	38.2	40.4	40.7	41.6	42	42.5	41.8	41.5	41.8	41.3	41	40.6	39.9	38.7	40.3	42.5	37.5
20	37.7	37.6	38.3	37.5	36.6	35	34.8	36.1	35.3	--	--	38.4	39.2	40.3	40.8	40.7	39.6	38.5	37.8	39.5	39.9	39.3	39.6	39.2	38.3	40.8	34.8
21	37.2	36.5	35.6	34.6	34.3	34.1	31.3	31	27.1	27.6	24.9	27.7	27.4	29.9	29.8	28.5	27.3	27	23.2	23.3	25.6	25.1	21.9	20.7	28.8	37.2	20.7
22	21.1	23.9	26	24.4	27.4	29.5	27.4	29.5	29.1	28.9	27.9	28.3	29.9	30.5	32.5	32.2	33.7	35.1	33.5	32.5	33.6	31.1	31.6	32.7	29.7	35.1	21.1
23	34.9	34.1	34	34.3	36.9	34	33.6	34.9	35.1	34.6	32.7	33.4	35.5	33.9	33	34.5	34.5	33.2	29.3	22.3	25.6	26.4	24.5	26.4	32.2	36.9	22.3
24	31.6	27.3	27.3	29.8	30	30.9	30.6	31.1	29.8	32.5	34.9	39.7	41.4	41.9	43	43.2	49.1	51.5	50.3	49.3	48.6	48	48.2	47.1	39	51.5	27.3
25	46.4	45.9	46	45.8	44.7	43.5	43.3	41.8	41.7	40.5	41.3	42	42.6	43	43.9	44.2	44.5	43.7	39.6	34.5	34.8	38.2	36	37	41.9	46.4	34.5
26	38.5	38.7	39.6	37.6	37.5	37.2	34.4	34.7	38.4	37.8	38.4	37	39.3	42.9	43.1	42.7	42.5	42	42.1	40.6	39.4	38.2	38.9	40.5	39.3	43.1	34.4
27	41	40.3	40.3	39.6	39	38.2	37.9	38.1	37.9	37.8	36.9	37.8	39	39.3	40.1	40.1	40.1	40	39.6	39.7	39.4	38.6	36.1	36.5	38.9	41	36.1
28	36.6	37.8	38.5	38.5	38.1	36.6	36.9	37.6	37.8	37.8	36.2	36.7	37.8	37.8	35.6	33.9	31.4	32.3	34.7	39.8	34.2	31.5	32.2	35.6	36.1	39.8	31.4
29	36.8	37.7	38.5	41.1	42	38.8	41.2	40.2	39	38.2	36.7	35.5	35	35.3	35.8	35.3	36.4	38.2	37.5	36.5	35.8	36.3	36.7	37.2	37.6	42	35
30	37	37.8	37.9	36.8	37.1	36	34.8	35.4	35.2	34.8	34.9	35.8	32.5	37	36.8	36.5	35.5	34.1	33.1	33.4	33.3	30.6	32.5	34	35.1	37.9	30.6
31	33.6	35.9	37.6	37.7	37.5	37.1	38	39.6	39.3	38.9	38.9	37.3	36.9	38.1	38.5	39.8	41.2	40.6	39.5	34.8	32.5	32	32.1	32.8	37.1	41.2	32
Avg	37.7	37.4	37.4	37.1	37.3	36.7	36.3	35.9	35	35.8	37.3	38.5	39.7	40.6	40.7	40.7	40.6	40.3	39.3	38	37.6	37.7	37.5	38	38.1	--	--
Max	47.6	46.1	46	45.8	44.7	44.5	44.9	43.3	42.9	43.3	47	47.2	47.6	47.7	48	48.4	49.1	51.5	50.3	49.3	51.1	51	50.7	49.8	--	51.5	--
Min	21.1	23.9	26	24.4	27.4	27.3	27.4	27.5	25.7	27.6	24.9	27.7	27.4	29.9	29.8	28.5	27.3	27	23.2	22.3	25.6	25.1	21.9	20.7	--	--	20.7

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant, rolling 8-hour average
"Component, Channel: TableAmbient_Hourly, O3_ppm"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0306	0.0317	0.033	0.0348	0.0358	0.0368	0.0384	0.0394	0.0409	0.0417	0.0418	0.0415	0.0405	0.0394	0.0387	0.0382	0.0376	0.0369	0.036	0.035	0.0343	0.0338	0.0329	0.0319	0.0367	0.0418	0.0306
2	0.0311	0.0308	0.0306	0.0308	0.0312	0.0312	0.0316	0.0323	0.033	0.0328	0.0322	0.0313	0.03	0.0285	0.0274	0.0268	0.0262	0.0259	0.0262	0.0264	0.0269	0.0275	0.0279	0.0281	0.0294	0.033	0.0259
3	0.0283	0.0286	0.0292	0.03	0.0318	0.0345	0.0374	0.0409	0.0447	0.0479	0.051	0.0538	0.0558	0.0561	0.0556	0.0536	0.0521	0.0498	0.0481	0.0463	0.0444	0.0431	0.0423	0.0406	0.0436	0.0561	0.0283
4	0.0407	0.0413	0.0427	0.0437	0.0447	0.0461	0.0473	0.049	0.0515	0.0536	0.0545	0.0548	0.0547	0.0536	0.0532	0.0528	0.0522	0.0513	0.0504	0.0494	0.0489	0.0487	0.0492	0.0482	0.0493	0.0548	0.0407
5	0.0471	0.0468	0.0468	--	--	--	--	--	--	--	--	--	--	0.0462	0.0452	0.0441	0.0437	0.0429	0.0422	0.0418	0.0415	0.0413	0.0415	0.0412	0.0437	0.0471	0.0412
6	0.0413	0.0407	0.0409	0.0414	0.0419	0.0425	0.0434	0.0445	0.0461	0.0475	0.049	0.0508	0.0523	0.0531	0.0538	0.0539	0.0537	0.0536	0.0529	0.0517	0.05	0.0485	0.0475	0.0462	0.0478	0.0539	0.0407
7	0.0456	0.0451	0.0445	0.0447	0.0448	0.0448	0.0445	0.0445	0.0447	0.0448	0.0447	0.0443	0.0437	0.0432	0.0427	0.0424	0.0422	0.0418	0.0409	0.0401	0.0393	0.0384	0.0374	0.0366	0.0427	0.0456	0.0366
8	0.0358	0.0351	0.0349	0.0349	0.0352	0.0356	0.0362	0.037	0.0379	0.0387	0.0391	0.0395	0.0396	0.0395	0.0395	0.0391	0.0384	0.0377	0.0373	0.0372	0.0366	0.0363	0.036	0.0357	0.0372	0.0396	0.0349
9	0.0356	0.0358	0.036	0.036	0.0359	0.0362	0.0367	0.0374	0.0381	0.0388	0.0393	0.0395	0.0392	0.039	0.0384	0.0375	0.0364	0.0352	0.034	0.0327	0.0317	0.0311	0.0306	0.03	0.0359	0.0395	0.03
10	0.0298	0.0299	0.0307	0.0316	0.0327	0.0337	0.0346	0.0355	0.0366	0.0375	0.0381	0.038	0.0374	0.0371	0.0367	0.0363	0.0359	0.0353	0.0347	0.0342	0.0339	0.0336	0.0332	0.0325	0.0346	0.0381	0.0298
11	0.0316	0.0313	0.031	0.0308	0.0305	0.0305	0.031	0.0315	0.0319	0.0326	0.0328	0.0331	0.0329	0.033	0.0331	0.0328	0.0326	0.0329	0.0329	0.0325	0.0318	0.0316	0.0315	0.0305	0.0319	0.0331	0.0305
12	0.0298	--	--	--	--	--	--	--	--	--	0.0407	0.0412	0.0417	0.042	0.0422	0.0425	0.0427	0.0425	0.0419	0.0414	0.0411	0.0409	0.0408	0.0399	0.0408	0.0427	0.0298
13	0.0384	0.0387	0.0395	0.0401	0.0405	--	--	--	--	--	--	--	--	--	--	0.0441	0.0436	0.0432	0.0428	0.0424	0.0418	0.0415	0.041	0.0403	0.0413	0.0441	0.0384
14	0.0389	0.0386	0.0386	0.0384	0.0385	--	--	--	--	--	--	--	--	--	--	0.0465	0.0465	0.0464	0.0463	0.046	0.0457	0.0457	0.0452	0.0443	0.0432	0.0465	0.0384
15	0.0434	0.043	0.0431	0.0432	0.0433	0.0434	0.0438	0.0444	0.0457	0.0472	0.0482	0.0483	0.0484	0.0486	0.0491	0.0495	0.0498	0.0498	0.0492	0.0486	0.0482	0.0477	0.0468	0.0454	0.0466	0.0498	0.043
16	0.0441	0.0431	0.0422	0.0417	0.0412	0.0411	0.041	0.0413	0.0423	0.0434	0.044	0.0443	0.0439	0.0438	0.0435	0.0433	0.0429	0.0421	0.0411	0.0399	0.039	0.0386	0.0382	0.0375	0.0418	0.0443	0.0375
17	0.0366	0.0367	0.037	0.0374	0.038	0.0388	0.0398	0.0409	0.0422	0.0437	0.0443	0.0444	0.0442	0.0441	0.0435	0.043	0.0423	0.0413	0.0405	0.0396	0.039	0.0387	0.0384	0.0376	0.0405	0.0444	0.0366
18	0.0367	0.0368	0.0372	0.0378	0.0385	0.0392	0.04	0.0408	0.0427	0.0446	0.0458	0.0466	0.047	0.0471	0.0471	0.0472	0.0472	0.0472	0.047	0.046	0.0456	0.0451	0.044	0.0434	0.0434	0.0472	0.0367
19	0.0431	0.0426	0.0425	--	--	--	--	--	--	--	--	--	0.0503	0.0504	0.0504	0.0506	0.0507	0.0505	0.0491	0.0477	0.0476	0.0475	0.047	0.0465	0.0478	0.0507	0.0425
20	0.0461	0.0457	0.0454	0.0451	0.045	0.0449	0.0452	0.0456	0.0463	0.0468	0.0471	0.0473	0.0474	0.0474	0.0475	0.0475	0.0473	0.0471	0.0469	0.0469	0.0466	0.0464	0.0462	0.0458	0.0464	0.0475	0.0449
21	0.0456	0.0455	0.0456	0.0458	0.0463	0.0471	0.0478	0.0483	0.0489	0.0491	0.049	0.0486	0.048	0.0472	0.0463	0.0457	0.0452	0.0447	0.0446	0.0446	0.0447	0.0447	0.0447	0.0446	0.0464	0.0491	0.0446
22	0.0444	0.0441	0.044	0.0438	0.044	0.0445	0.045	0.0454	0.0463	0.0476	0.0486	0.0492	0.0501	0.0504	0.0504	0.051	0.0515	0.0515	0.0508	0.05	0.0495	0.0486	0.0479	0.047	0.0477	0.0515	0.0438
23	0.0457	0.0452	0.0451	0.0455	0.046	0.0461	0.0462	0.0461	0.0465	0.0469	0.0466	0.0464	0.0454	0.0447	0.0444	0.0441	0.0439	0.0436	0.0433	0.0427	0.042	0.0416	0.041	0.0398	0.0445	0.0469	0.0398
24	0.0389	0.0386	0.0384	0.0382	0.0386	0.0388	0.0392	0.04	0.0412	0.0423	0.0427	0.043	0.043	0.0428	0.042	0.0409	0.0396	0.0385	0.0371	0.0361	0.0345	0.0332	0.0313	0.0302	0.0387	0.043	0.0302
25	0.0298	0.0302	0.0305	0.0312	0.032	0.0334	0.0343	0.0357	0.037	0.038	0.0385	0.0382	0.0377	0.0371	0.0365	0.0363	0.0359	0.0353	0.0344	0.0335	0.0333	0.0331	0.0326	0.032	0.0344	0.0385	0.0298
26	0.0313	0.031	--	--	--	--	--	--	--	--	--	0.0319	0.0322	0.0323	0.0327	0.033	0.0328	0.0329	0.033	0.0332	0.0336	0.0337	0.0341	0.0343	0.0328	0.0343	0.031
27	0.0345	0.0352	0.0356	0.0361	0.0371	0.0378	0.0386	0.0393	0.0401	0.0407	0.0411	0.041	0.0405	0.04	0.0397	0.0396	0.0394	0.0392	0.0391	0.039	0.0391	0.0392	0.0388	0.0385	0.0387	0.0411	0.0345
28	0.0381	0.0383	0.0387	0.039	0.0393	0.0394	0.0394	0.0395	0.039	0.0385	0.0371	0.0351	0.033	0.0311	0.0297	0.0288	0.0284	0.0282	0.0281	0.0282	0.0285	0.0288	0.0288	0.0284	0.0338	0.0395	0.0281
29	0.0276	0.027	0.0264	0.0259	0.0258	0.0258	0.026	0.0267	0.0275	0.0284	0.029	0.0292	0.0294	0.0297	0.0299	0.03	0.03	0.03	0.0299	0.0296	0.0297	0.0296	0.029	0.0283	0.0283	0.03	0.0258
30	0.0278	0.0278	0.028	0.0285	0.0293	0.0306	0.0319	0.0331	0.0338	0.0342	0.0339	0.0332	0.0322	0.0311	0.0297	0.0287	0.0285	0.0291	0.03	0.0312	0.0325	0.0335	0.0347	0.0352	0.0312	0.0352	0.0278
31	0.0349	0.035	0.035	0.0349	0.0346	0.0339	0.033	0.0323	0.0319	0.0317	0.0311	0.0302	0.0293	0.0284	0.0278	0.0275	0.0266	0.026	0.0258	0.0253	0.0245	0.0238	0.0236	0.0231	0.0296	0.035	0.0231
Avg	0.0372	0.0373	0.0377	0.0375	0.0379	0.0383	0.0389	0.0397	0.0407	0.0416	0.0419	0.0417	0.0418	0.0416	0.0413	0.0412	0.0408	0.0404	0.0399	0.0393	0.0389	0.0386	0.0382	0.0375	0.0395	--	--
Max	0.0471	0.0468	0.0468	0.0458	0.0463	0.0471	0.0478	0.049	0.0515	0.0536	0.0545	0.0548	0.0558	0.0561	0.0556	0.0539	0.0537	0.0536	0.0529	0.0517	0.05	0.0487	0.0492	0.0482	--	0.0561	--
Min	0.0276	0.027	0.0264	0.0259	0.0258	0.0258	0.026	0.0267	0.0275	0.0284	0.029	0.0292	0.0293	0.0284	0.0274	0.0268	0.0262	0.0259	0.0258	0.0253	0.0245	0.0238	0.0236	0.0231	--	--	0.0231

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant, rolling 8-hour average
"Component, Channel: TableAmbient_Hourly, O3_ppm"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0229	0.0243	0.0254	0.0265	0.0276	0.0293	0.0312	0.0333	0.0358	0.0384	0.0399	0.0413	0.0422	0.0432	0.0434	0.0432	0.0424	0.0413	0.0407	0.0398	0.0391	0.0389	0.0386	0.0386	0.0361	0.0434	0.0229
2	0.0388	0.0391	--	--	--	--	--	--	--	--	--	0.0423	0.0433	0.0438	0.0435	0.0432	0.0429	0.0424	0.0411	0.0398	0.0391	0.0388	0.0384	0.0384	0.041	0.0438	0.0384
3	0.0379	0.0372	0.0364	0.0355	0.0347	0.0343	0.0339	0.034	0.0344	0.0351	0.0356	0.0362	0.0367	0.0365	0.0371	0.0377	0.0379	0.0384	0.0389	0.0396	0.0398	0.0403	0.0416	0.042	0.0372	0.042	0.0339
4	0.0423	0.0426	0.0424	0.0421	0.0421	0.0427	0.0435	0.0442	0.0447	0.0456	0.0468	0.0475	0.0471	0.046	0.0449	0.0436	0.0417	0.04	0.0375	0.0349	0.0327	0.0317	0.0311	0.0301	0.0412	0.0475	0.0301
5	0.0297	0.0298	0.0302	0.0311	0.0325	0.0345	0.0367	0.0392	0.042	0.0442	0.0465	0.0486	0.0499	0.05	0.0499	0.0493	0.0481	0.0468	0.0448	0.0423	0.0399	0.0381	0.037	0.0353	0.0407	0.05	0.0297
6	0.0344	0.0343	0.0344	0.0353	0.037	0.0389	0.0408	0.0429	0.0457	0.0482	0.0502	0.052	0.0528	0.0532	0.0528	0.052	0.0508	0.0492	0.0475	0.0459	0.0443	0.0433	0.0421	0.0414	0.0445	0.0532	0.0343
7	0.0406	0.0402	0.0395	0.0396	0.0398	0.0407	0.0422	0.044	0.0459	0.0479	0.0495	0.05	0.0496	0.049	0.0479	0.0461	0.0441	0.0421	0.0402	0.0387	0.0384	0.0383	0.0379	0.0373	0.0429	0.05	0.0373
8	0.0372	0.0377	0.0382	0.0388	0.0396	0.0406	0.0417	0.043	0.0443	0.0451	0.0453	0.0453	0.0451	0.0447	0.0444	0.044	0.0434	0.043	0.0427	0.0426	0.0424	0.0422	0.0419	0.0412	0.0422	0.0453	0.0372
9	0.0408	0.0407	0.0407	0.0409	0.0413	--	--	--	--	--	--	--	--	--	--	0.045	0.0444	0.0437	0.043	0.0427	0.0426	0.0425	0.0423	0.0419	0.0423	0.045	0.0407
10	0.0416	0.0412	0.0409	0.0406	0.0405	0.0405	0.0406	0.0407	0.0411	0.0413	0.0414	0.0414	0.0409	0.0407	0.0403	0.0397	0.0391	0.0384	0.0378	0.0374	0.0372	0.0373	0.037	0.0368	0.0398	0.0416	0.0368
11	0.0367	0.0367	0.0371	0.0377	0.0382	0.0386	0.0392	0.0398	0.0406	0.0411	0.0411	0.041	0.0406	0.0403	0.04	0.0397	0.0393	0.0387	0.0383	0.0381	0.0378	0.0376	0.0372	0.0369	0.0388	0.0411	0.0367
12	0.0366	0.0364	0.0365	0.037	0.0375	0.0382	0.0389	0.0397	0.0405	0.0411	0.0416	0.0417	0.0416	0.0415	0.0412	0.0408	0.0403	0.0396	0.0392	0.0389	0.0386	0.0384	0.038	0.0378	0.0392	0.0417	0.0364
13	0.0378	0.0376	0.0379	0.0383	0.0392	0.0403	0.0415	0.043	0.0443	0.0456	0.0474	0.0487	0.0492	0.0488	0.0483	0.0475	0.0466	0.0456	0.0446	0.0433	0.0421	0.041	0.0404	0.04	0.0433	0.0492	0.0376
14	0.0398	0.0399	0.0401	0.0405	0.0408	0.0416	0.0428	0.044	0.0455	0.0469	0.048	0.0487	0.0488	0.049	0.049	0.0485	0.0477	0.0466	0.0455	0.0443	0.0436	0.0434	0.043	0.0424	0.0446	0.049	0.0398
15	0.0421	0.0423	0.0424	0.0428	0.0432	0.0439	0.0444	0.0451	0.0456	0.0466	0.0471	0.0474	0.0473	0.0473	0.0468	0.0463	0.046	0.0457	0.0452	0.0448	0.0445	0.0443	0.044	0.0436	0.0449	0.0474	0.0421
16	0.0429	0.0424	0.0426	0.043	0.0437	0.0446	0.0455	0.0464	0.0475	0.0488	0.0496	0.0498	0.0498	0.0495	0.0494	0.0491	0.0486	0.0482	0.0479	0.0476	0.0474	0.0469	0.0459	0.0446	0.0467	0.0498	0.0424
17	--	--	--	--	--	--	--	--	--	0.0478	0.0483	0.0481	0.0476	0.0471	0.0467	0.0458	0.0447	0.0439	0.0434	0.0431	0.0433	0.0435	0.0434	0.0431	0.0453	0.0483	0.0431
18	0.0434	0.0437	0.0439	0.0438	0.0441	0.0447	0.0454	0.0465	0.0475	0.0483	0.0489	0.0495	0.05	0.0502	0.0499	0.0492	0.0481	0.0471	0.0461	0.0452	0.0443	0.0433	0.0424	0.0416	0.0461	0.0502	0.0416
19	0.0409	0.0404	0.0401	0.0402	0.0403	0.0407	0.0412	0.0417	0.0422	0.0427	0.0431	0.0434	0.0435	0.0434	0.0433	0.0431	0.0428	0.0426	0.0424	0.0424	0.0422	0.0419	0.0417	0.0414	0.042	0.0435	0.0401
20	0.0411	0.0408	0.0405	0.0404	0.0403	0.0403	0.0403	0.0402	0.04	0.0398	0.0395	0.0392	0.0389	0.0386	0.038	0.0375	0.0372	0.037	0.037	0.0367	0.0364	0.0358	0.0348	0.0339	0.0385	0.0411	0.0339
21	0.0333	0.0326	0.0319	0.0311	0.0314	0.0318	0.0326	0.034	0.0357	0.037	0.0383	0.0396	0.0408	0.0415	0.0421	0.0417	0.0409	0.0394	0.0381	0.0373	0.0364	0.0359	0.0351	0.0341	0.0364	0.0421	0.0311
22	0.0332	0.0338	0.0356	0.0372	0.0383	0.0397	0.0409	0.0423	0.0439	0.0462	0.047	0.0468	0.0457	0.0449	0.0435	0.0418	0.0401	0.0383	0.0369	0.0355	0.0344	0.0342	0.0336	0.0336	0.0395	0.047	0.0332
23	0.0337	--	--	--	--	--	--	--	--	--	0.0431	0.0432	0.043	0.0427	0.0421	0.041	0.0399	0.0386	0.0376	0.0374	0.0387	0.04	0.0411	0.0422	0.0403	0.0432	0.0337
24	0.0438	0.0454	0.0473	0.0491	0.0505	0.0509	0.0512	0.0512	0.0512	0.0509	0.0505	0.0499	0.0492	0.0485	0.0478	0.0471	0.0464	0.0459	0.0452	0.0447	0.0443	0.0439	0.0435	0.0432	0.0476	0.0512	0.0432
25	0.043	0.0428	0.0428	0.0429	0.0431	0.0434	0.0438	0.0441	0.0444	0.0446	0.0447	0.0446	0.0445	0.0441	0.0437	0.0432	0.0427	0.0422	0.0418	0.0413	0.0408	0.0403	0.0398	0.0393	0.0428	0.0447	0.0393
26	0.0389	0.0383	0.0377	0.0372	0.0371	0.0371	0.037	0.0369	0.0366	0.0365	0.0366	0.0368	0.0377	0.0385	0.0394	0.0404	0.0416	0.043	0.044	0.0447	0.0453	0.0454	0.0454	0.0454	0.0399	0.0454	0.0365
27	0.0453	0.0453	0.0454	0.0456	0.0462	0.0467	0.047	0.0473	0.0475	0.0476	0.0475	0.0474	0.0472	0.0473	0.0478	0.0485	0.049	0.0492	0.0493	0.0492	0.049	0.0486	0.0479	0.0466	0.0474	0.0493	0.0453
28	0.0451	0.0438	0.0428	0.0421	0.0419	0.042	0.0425	0.0432	0.044	0.0448	0.0455	0.0463	0.0472	0.0476	0.0476	0.0473	0.0468	0.0462	0.0457	0.0452	0.0445	0.0437	0.0429	0.042	0.0446	0.0476	0.0419
29	0.0411	0.0406	0.0401	--	--	--	--	--	--	--	--	--	--	0.0395	0.0387	0.0379	0.0369	0.0359	0.0351	0.0343	0.034	0.0339	0.0336	0.0335	0.0368	0.0411	0.0335
30	0.0335	0.0338	0.034	0.0342	0.0348	0.0353	0.036	0.0369	0.0377	0.0381	0.0384	0.0388	0.0391	0.0389	0.0388	0.0387	0.0383	0.038	0.0378	0.0374	0.0372	0.0367	0.0364	0.0359	0.0369	0.0391	0.0335
Avg	0.0386	0.0387	0.0388	0.039	0.0394	0.04	0.0408	0.0417	0.0427	0.0439	0.0445	0.0448	0.045	0.0447	0.0444	0.044	0.0433	0.0426	0.0419	0.0412	0.0407	0.0403	0.0399	0.0395	0.0417	--	--
Max	0.0453	0.0454	0.0473	0.0491	0.0505	0.0509	0.0512	0.0512	0.0512	0.0509	0.0505	0.052	0.0528	0.0532	0.0528	0.052	0.0508	0.0492	0.0493	0.0492	0.049	0.0486	0.0479	0.0466	--	0.0532	--
Min	0.0229	0.0243	0.0254	0.0265	0.0276	0.0293	0.0312	0.0333	0.0344	0.0351	0.0356	0.0362	0.0367	0.0365	0.0371	0.0375	0.0369	0.0359	0.0351	0.0343	0.0327	0.0317	0.0311	0.0301	--	--	0.0229

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant, rolling 8-hour average
"Component, Channel: TableAmbient_Hourly, O3_ppm"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.0354	0.0353	0.0352	0.036	0.0369	0.0378	0.0386	0.0395	0.0404	0.0413	0.0418	0.0419	0.0413	0.0405	0.0401	0.0398	0.0395	0.0391	0.0388	0.0387	0.039	0.039	0.0392	0.0391	0.0389	0.0419	0.0352
2	0.0385	0.0384	0.039	0.0395	0.0399	0.0406	0.0414	0.042	0.0422	0.043	0.043	0.0423	0.0419	0.0415	0.0408	0.04	0.0396	0.0391	0.0385	0.0381	0.0378	0.0372	0.0365	0.0361	0.0399	0.043	0.0361
3	0.0357	0.0353	0.0355	0.0357	0.0363	0.0371	0.038	0.039	0.0401	0.0411	0.0418	0.0424	0.0428	0.0429	0.0429	0.043	0.0428	0.0426	0.0429	0.0431	0.0433	0.0436	0.0438	0.0438	0.0407	0.0438	0.0353
4	0.0438	0.0439	0.0439	0.0431	0.0431	0.0431	0.0432	0.0433	0.0435	0.0437	0.0437	0.0436	0.0438	0.0433	0.0429	0.0424	0.042	0.0418	0.0412	0.0407	0.0406	0.0404	0.0405	0.0404	0.0426	0.0439	0.0404
5	0.04	0.0398	0.0398	0.0406	0.0414	0.0422	0.0431	0.044	0.0447	0.0458	0.0468	0.0473	0.0479	0.0484	0.0488	0.0491	0.049	0.0488	0.0485	0.0479	0.0472	0.046	0.0451	0.0436	0.0452	0.0491	0.0398
6	0.0425	--	--	--	--	--	--	--	--	--	0.0468	0.0462	0.0458	0.0456	0.0454	0.0449	0.0446	0.0444	0.0441	0.0438	0.0435	0.0427	0.0417	0.0407	0.0442	0.0468	0.0407
7	0.0392	0.0383	0.0379	0.0377	0.0378	0.0383	0.0391	0.0399	0.0405	0.042	0.0428	0.0426	0.0417	0.0412	0.0406	0.0404	0.0401	0.0396	0.0389	0.0379	0.0372	0.037	0.0362	0.0354	0.0393	0.0428	0.0354
8	0.0342	0.0336	0.0335	0.0341	0.035	0.0362	0.0374	0.0389	0.0406	0.042	0.0429	0.0429	0.0425	0.0422	0.0417	0.0411	0.0401	0.0388	0.0374	0.0362	0.0356	0.0348	0.0339	0.0329	0.0379	0.0429	0.0329
9	0.0321	0.0314	0.0313	0.0314	0.0319	0.0326	0.0335	0.0344	0.0349	0.0356	0.0364	0.037	0.0374	0.0376	0.0376	0.0373	0.037	0.0371	0.0371	0.0369	0.0367	0.0362	0.0356	0.0349	0.0352	0.0376	0.0313
10	0.0342	0.0336	0.0331	0.033	0.0333	0.034	0.0351	0.0362	0.0374	0.0388	0.0403	0.0412	0.0418	0.0423	0.0428	0.0435	0.0438	0.0436	0.0432	0.0426	0.0427	0.0427	0.0426	0.0424	0.0393	0.0438	0.033
11	0.0413	0.0407	0.041	0.0417	0.0425	0.0431	0.0437	0.0443	0.0447	0.0454	0.0459	0.0459	0.0453	0.0448	0.044	0.0435	0.0427	0.0418	0.0411	0.0404	0.0398	0.0396	0.0392	0.039	0.0426	0.0459	0.039
12	0.0384	0.038	0.038	0.038	0.0383	0.0388	0.0391	0.0394	0.0398	0.0403	0.041	0.0413	0.0417	0.0413	0.041	0.0407	0.0406	0.0404	0.0403	0.0401	0.04	0.0397	0.0398	0.0396	0.0398	0.0417	0.038
13	0.0388	0.038	--	--	--	--	--	--	--	--	--	0.0405	0.0401	0.0396	0.0389	0.0383	0.0373	0.0368	0.0367	0.0367	0.0366	0.0367	0.0365	0.0356	0.0378	0.0405	0.0356
14	0.0347	0.0348	0.0344	0.0342	0.0339	0.0338	0.0335	0.0335	0.0345	0.0354	0.0353	0.0352	0.0348	0.0347	0.0345	0.0344	0.034	0.0336	0.0332	0.0335	0.0334	0.0334	0.033	0.0326	0.0341	0.0354	0.0326
15	0.0322	0.0319	0.0319	0.0323	0.0328	0.0336	0.0344	0.0352	0.0361	0.0369	0.0377	0.0382	0.0385	0.0386	0.0384	0.0382	0.0378	0.0371	0.0364	0.0356	0.0344	0.0331	0.0319	0.0309	0.0352	0.0386	0.0309
16	0.0296	0.0289	0.0287	0.0284	0.0284	0.0288	0.0291	0.0295	0.0299	0.0306	0.0306	0.0307	0.0307	0.0307	0.0305	0.0304	0.0302	0.0299	0.0299	0.0309	0.0323	0.0338	0.0355	0.0369	0.0306	0.0369	0.0284
17	0.0383	0.0397	0.0413	0.0428	0.0435	0.0439	0.0441	0.0443	0.0449	0.0454	0.0459	0.0456	0.0448	0.0438	0.0428	0.0421	0.041	0.0398	0.0389	0.0375	0.0375	0.0377	0.0377	0.0381	0.0417	0.0459	0.0375
18	0.0381	0.0384	0.0391	0.0398	0.0413	0.0421	0.0427	0.0436	0.0441	0.0444	0.0447	0.0446	0.0441	0.0433	0.0425	0.042	0.0416	0.0412	0.041	0.0407	0.0406	0.0405	0.0403	0.0401	0.0417	0.0447	0.0381
19	0.0398	0.0394	0.0392	0.0391	0.0391	0.0392	0.0394	0.0398	0.0402	0.0407	0.0412	0.0415	0.0416	0.0416	0.0414	0.041	0.0405	0.04	0.0397	0.0392	0.0387	0.038	0.0373	0.0369	0.0398	0.0416	0.0369
20	0.0365	--	--	--	--	--	--	--	--	--	--	0.0394	0.0396	0.0396	0.0395	0.0393	0.039	0.0386	0.0383	0.0379	0.0374	0.0367	0.0358	0.0349	0.038	0.0396	0.0349
21	0.0335	0.0325	0.0312	0.0303	0.0295	0.029	0.0285	0.0282	0.0278	0.0278	0.0273	0.0271	0.0269	0.0266	0.0257	0.0247	0.0239	0.0235	0.0234	0.0236	0.024	0.0244	0.0247	0.0255	0.0271	0.0335	0.0234
22	0.0265	0.0273	0.0278	0.028	0.0287	0.029	0.0293	0.0299	0.0303	0.031	0.0315	0.032	0.0326	0.0327	0.0328	0.0329	0.0332	0.0332	0.0331	0.0332	0.0337	0.0337	0.034	0.0344	0.0313	0.0344	0.0265
23	0.0346	0.0346	0.0345	0.0344	0.0345	0.0342	0.0341	0.0342	0.0341	0.0339	0.0333	0.0322	0.0313	0.0303	0.0293	0.0285	0.0282	0.0274	0.0267	0.0268	0.0277	0.0282	0.0287	0.0294	0.0313	0.0346	0.0267
24	0.0298	0.0299	0.0308	0.0321	0.0334	0.0347	0.0361	0.0375	0.0395	0.0419	0.0439	0.0455	0.0465	0.0472	0.0479	0.0484	0.0487	0.0484	0.0478	0.0473	0.0467	0.0462	0.0457	0.0449	0.0417	0.0487	0.0298
25	0.0443	0.0437	0.0432	0.0427	0.0424	0.0422	0.0423	0.0423	0.0426	0.0429	0.0428	0.042	0.0412	0.0407	0.0399	0.0392	0.0385	0.0379	0.0374	0.0372	0.0375	0.0378	0.0374	0.0373	0.0406	0.0443	0.0372
26	0.0374	0.0373	0.0373	0.037	0.0372	0.0378	0.0385	0.0394	0.0402	0.0406	0.0411	0.0414	0.0416	0.0415	0.0411	0.0408	0.0406	0.0403	0.0401	0.0399	0.0397	0.0396	0.0395	0.0394	0.0396	0.0416	0.037
27	0.0391	0.0388	0.0384	0.0381	0.0381	0.0381	0.0383	0.0386	0.0388	0.039	0.0392	0.0395	0.0397	0.0397	0.0393	0.0389	0.0385	0.0382	0.0381	0.038	0.0378	0.0375	0.0373	0.0374	0.0385	0.0397	0.0373
28	0.0376	0.0377	0.0375	0.0373	0.0373	0.0372	0.0371	0.0368	0.0361	0.0355	0.0352	0.0356	0.0353	0.0346	0.034	0.034	0.0343	0.035	0.0357	0.0364	0.0366	0.0371	0.0382	0.0391	0.0363	0.0391	0.034
29	0.0395	0.0396	0.0395	0.0392	0.0385	0.0378	0.0374	0.0368	0.0364	0.0363	0.0362	0.0362	0.0362	0.0364	0.0365	0.0367	0.0369	0.037	0.037	0.0369	0.037	0.037	0.0368	0.0367	0.0373	0.0396	0.0362
30	0.0365	0.0362	0.0359	0.0356	0.0352	0.0352	0.0352	0.0354	0.0354	0.0353	0.0351	0.035	0.0347	0.0345	0.034	0.0337	0.0333	0.0334	0.0338	0.0343	0.0347	0.0352	0.036	0.0368	0.035	0.0368	0.0333
31	0.0374	0.038	0.0383	0.0383	0.0382	0.0382	0.0384	0.0386	0.0388	0.0389	0.039	0.0385	0.038	0.0374	0.0368	0.0361	--	--	--	--	--	--	--	--	0.038	0.039	0.0361
Avg	0.0368	0.0364	0.0363	0.0364	0.0367	0.0371	0.0375	0.038	0.0385	0.0391	0.0398	0.0398	0.0397	0.0395	0.0392	0.0389	0.0386	0.0383	0.038	0.0377	0.0376	0.0375	0.0374	0.0372	0.038	--	--
Max	0.0443	0.0439	0.0439	0.0431	0.0435	0.0439	0.0441	0.0443	0.0449	0.0458	0.0468	0.0473	0.0479	0.0484	0.0488	0.0491	0.049	0.0488	0.0485	0.0479	0.0472	0.0462	0.0457	0.0449	--	0.0491	--
Min	0.0265	0.0273	0.0278	0.028	0.0284	0.0288	0.0285	0.0282	0.0278	0.0278	0.0273	0.0271	0.0269	0.0266	0.0257	0.0247	0.0239	0.0235	0.0234	0.0236	0.024	0.0244	0.0247	0.0255	--	--	0.0234

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, SO2_ppb"
Month: Oct 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.244	0.289	0.361	0.367	0.475	0.291	0.309	0.299	0.269	0.274	0.566	1.73	2.05	0.826	0.513	0.37	0.357	0.306	0.344	0.381	0.348	0.357	0.447	0.324	0.504	2.05	0.244
2	0.318	0.343	1.23	1.95	2.53	2.06	0.995	0.824	2.32	1.44	0.813	0.693	0.473	0.446	0.401	0.408	0.326	0.327	0.462	0.45	0.411	0.376	0.412	0.53	0.855	2.53	0.318
3	0.682	1.32	1.32	1.03	0.682	0.444	0.423	0.503	0.403	0.372	0.351	0.409	0.445	0.29	0.279	0.419	0.391	0.438	0.45	0.448	0.167	0.282	0.299	0.345	0.508	1.32	0.167
4	0.337	0.384	0.373	0.349	0.329	0.294	0.292	0.279	0.246	0.308	1.81	5.2	2.85	0.777	0.343	0.349	0.359	0.331	0.356	0.455	0.384	0.396	0.345	0.371	0.73	5.2	0.246
5	0.386	0.392	0.391	0.377	0.431	0.324	0.763	1.15	1.25	0.544	--	--	0.892	1.29	0.582	0.485	0.521	0.537	0.518	0.51	0.593	0.49	0.434	0.406	0.603	1.29	0.324
6	0.466	0.407	0.45	0.52	0.392	0.376	0.404	0.486	0.449	0.36	0.37	0.384	0.388	0.578	0.774	0.99	0.849	0.571	0.482	0.419	0.415	0.333	0.396	0.36	0.484	0.99	0.333
7	0.358	0.321	0.279	0.264	0.252	0.239	0.251	0.472	0.639	0.951	1.1	1.67	0.521	0.462	0.479	0.469	0.417	0.413	0.326	0.377	0.385	0.466	0.317	0.304	0.489	1.67	0.239
8	0.277	0.298	0.288	0.295	0.291	0.284	0.258	0.248	0.335	0.308	0.34	0.286	0.288	0.334	0.346	0.289	0.316	0.277	0.383	0.396	0.248	0.283	0.566	0.465	0.321	0.566	0.248
9	0.52	0.602	0.504	0.406	0.533	0.638	0.288	0.338	0.323	0.326	0.415	0.454	0.369	0.268	0.397	0.36	0.356	0.528	0.505	0.406	0.419	0.442	0.63	0.821	0.452	0.821	0.268
10	0.694	0.446	0.409	0.388	0.362	0.339	0.381	0.33	0.391	0.379	0.315	0.382	0.498	0.595	0.418	0.363	0.367	0.361	0.386	0.331	0.327	0.344	0.295	0.355	0.394	0.694	0.295
11	0.367	0.347	0.745	3.36	6.06	5	3.91	2.34	1.09	0.583	0.458	0.501	0.528	0.354	0.374	0.393	0.386	0.318	0.338	0.381	0.363	0.395	0.368	0.319	1.22	6.06	0.318
12	0.33	0.328	0.326	0.297	0.384	0.58	0.687	0.584	0.702	0.424	0.369	0.498	1.94	1.9	2.71	2.1	1.41	0.754	0.584	0.622	0.58	0.589	0.567	0.611	0.829	2.71	0.297
13	0.545	0.504	0.52	0.491	0.497	0.451	0.451	0.423	0.577	0.481	1.68	0.441	--	--	0.897	0.767	0.614	0.501	0.474	0.411	0.419	0.453	0.428	0.434	0.566	1.68	0.411
14	0.425	0.433	0.443	0.435	0.37	0.407	0.557	3.4	--	--	--	--	--	1.57	1.69	1.57	1.43	1.42	1.36	1.16	1.13	1.21	1.19	0.984	1.12	3.4	0.37
15	0.916	0.972	1.08	1.14	1.08	1.08	1.15	1.75	1.86	3.16	1.64	1.18	1.66	1.38	1.13	0.949	0.931	0.909	0.927	0.949	0.957	0.973	0.964	0.938	1.24	3.16	0.909
16	0.901	0.892	0.85	0.854	0.838	0.859	1.1	3.17	5.22	4.28	1.75	1.94	1.63	1.28	0.996	0.966	1.03	1.23	1.1	1.04	0.987	1.02	0.972	0.929	1.49	5.22	0.838
17	0.922	0.942	0.926	0.971	0.951	0.878	0.95	1.49	3.46	5.45	3.51	4.38	2.51	1.56	0.948	0.936	0.958	0.995	1.06	0.994	1.01	1.02	0.923	0.984	1.61	5.45	0.878
18	0.857	0.828	0.892	0.91	0.937	0.917	0.836	0.854	1.6	2.16	1.72	1.44	1.8	1.86	1.63	1.39	0.806	1.26	1.19	1.11	1.13	1.11	1.01	0.971	1.22	2.16	0.806
19	0.955	1.02	1.01	0.977	0.944	0.892	0.884	0.895	0.779	5.02	--	0.946	0.817	0.708	0.591	0.648	0.658	0.694	0.713	0.702	0.62	0.697	0.63	0.669	0.977	5.02	0.591
20	0.623	0.525	0.545	0.575	0.518	0.57	0.536	0.673	0.843	0.854	0.991	0.547	0.495	0.59	0.662	0.695	0.655	0.736	0.746	0.727	0.669	0.679	0.651	0.706	0.659	0.991	0.495
21	0.687	0.613	0.625	0.697	0.715	0.731	0.688	0.655	0.692	0.687	0.637	0.61	0.711	0.68	0.614	0.754	0.675	0.699	0.735	0.618	0.686	0.724	0.733	0.68	0.681	0.754	0.61
22	0.717	0.729	0.72	0.688	0.69	0.709	0.695	0.703	0.629	0.66	0.783	0.723	0.78	0.928	1.13	1.07	0.885	0.858	0.839	0.855	1.04	1.04	0.985	1.02	0.828	1.13	0.629
23	0.977	0.878	0.727	0.761	0.81	0.791	1.05	1.82	3.14	2.07	2.18	1.81	2.87	1.8	0.884	0.729	0.701	0.668	0.736	0.73	0.7	0.668	0.736	0.707	1.21	3.14	0.668
24	0.646	0.583	0.619	0.674	0.655	0.642	0.603	0.621	0.631	1.01	1.05	5.38	2.54	1.45	1.82	1.32	1.04	0.912	0.788	0.727	0.661	0.665	0.569	0.557	1.09	5.38	0.557
25	0.609	0.642	0.634	0.832	0.771	0.749	0.677	0.652	0.69	0.885	0.827	1.29	2.18	2.3	2.02	1.42	0.975	0.745	0.724	0.653	0.64	0.692	0.656	0.699	0.957	2.3	0.609
26	0.769	1.86	2.2	1.39	0.853	0.905	1.01	0.848	1.39	--	--	1.31	0.622	0.605	0.638	0.573	0.577	0.708	0.623	0.592	0.549	0.527	0.538	0.961	0.911	2.2	0.527
27	0.747	0.424	0.394	1.49	1.1	0.539	0.5	0.483	0.385	0.351	0.33	0.344	0.38	0.344	0.372	0.473	0.514	0.464	0.444	0.386	0.471	0.488	0.434	0.44	0.512	1.49	0.33
28	0.415	0.467	0.442	0.453	0.445	0.463	0.431	0.413	0.389	0.406	0.385	0.481	0.858	0.72	0.488	0.452	0.5	0.441	0.425	0.444	0.448	0.446	0.468	0.395	0.47	0.858	0.385
29	0.426	0.417	0.431	0.357	0.421	0.407	0.388	0.36	1.1	4.94	2.13	1.37	1.81	1.53	0.928	0.635	0.599	0.73	0.727	0.599	0.543	0.522	0.513	0.49	0.932	4.94	0.357
30	0.508	0.509	0.461	0.402	0.467	0.51	0.624	0.757	6.74	3.76	0.791	0.946	2.15	2.24	0.741	0.465	0.45	0.428	0.482	0.586	0.485	0.474	0.459	0.489	1.08	6.74	0.402
31	0.478	0.477	0.446	0.464	0.449	0.431	0.49	0.434	1.36	4.92	5.29	3.76	3.41	1.66	0.535	0.502	0.373	0.544	0.519	0.472	0.491	0.488	0.467	0.512	1.21	5.29	0.373
Avg	0.584	0.619	0.666	0.779	0.846	0.768	0.728	0.912	1.33	1.63	1.21	1.42	1.33	1.04	0.85	0.752	0.659	0.648	0.637	0.611	0.59	0.602	0.594	0.606	0.842	--	--
Max	0.977	1.86	2.2	3.36	6.06	5	3.91	3.4	6.74	5.45	5.29	5.38	3.41	2.3	2.71	2.1	1.43	1.42	1.36	1.16	1.13	1.21	1.19	1.02	--	6.74	--
Min	0.244	0.289	0.279	0.264	0.252	0.239	0.251	0.248	0.246	0.274	0.315	0.286	0.288	0.268	0.279	0.289	0.316	0.277	0.326	0.331	0.167	0.282	0.295	0.304	--	--	0.167

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, SO2_ppb"
Month: Nov 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.5	0.535	0.551	0.521	0.5	0.467	0.513	0.53	0.519	0.47	0.46	0.47	0.467	0.527	0.564	0.55	0.626	0.593	0.617	0.63	0.569	0.538	0.541	0.491	0.531	0.63	0.46
2	0.536	0.49	0.527	0.555	0.506	0.507	1.15	1.79	1.05	--	--	0.816	0.645	0.688	0.654	0.75	0.689	0.717	0.708	0.616	0.578	0.612	0.68	0.463	0.715	1.79	0.463
3	0.387	0.423	0.569	0.486	0.461	0.511	0.44	0.407	0.377	0.799	1.53	0.709	0.663	0.997	0.629	0.749	0.476	0.441	0.478	0.44	0.383	0.449	0.527	0.802	0.589	1.53	0.377
4	1.04	0.782	1.07	0.499	0.461	0.359	0.423	0.393	0.387	0.37	0.367	0.436	1.58	1.02	1.39	1.49	2.19	0.68	0.461	0.44	0.433	0.427	0.431	0.368	0.729	2.19	0.359
5	0.403	0.399	0.43	0.379	0.427	0.415	0.429	0.411	0.411	0.407	0.399	0.43	0.494	0.466	0.49	0.475	0.49	0.492	0.443	0.476	0.509	0.489	0.447	0.444	0.444	0.509	0.379
6	0.439	0.402	0.394	0.4	0.416	0.384	0.415	0.401	0.339	0.299	0.395	0.333	0.416	0.444	0.41	0.421	0.445	0.429	0.466	0.438	0.444	0.422	0.403	0.403	0.407	0.466	0.299
7	0.413	0.409	0.377	0.361	0.434	0.448	0.382	0.397	0.402	0.361	0.51	0.457	0.468	0.413	0.399	0.471	0.425	0.432	0.405	0.353	0.375	0.403	0.387	0.412	0.412	0.51	0.353
8	0.412	0.472	0.519	0.433	0.386	0.352	0.351	0.335	0.294	0.276	0.311	0.366	0.337	0.37	0.352	0.362	0.335	0.353	0.356	0.309	0.282	0.317	0.305	0.275	0.353	0.519	0.275
9	0.32	0.285	0.331	0.333	0.302	0.32	0.363	0.322	0.301	0.317	0.286	0.314	0.302	--	--	0.359	0.36	0.321	0.352	0.39	0.463	0.417	0.359	0.346	0.339	0.463	0.285
10	0.408	0.345	0.332	0.306	0.338	0.304	0.365	0.317	0.333	0.283	0.289	0.277	0.36	0.373	0.307	0.337	0.325	0.295	0.32	0.335	0.327	0.326	0.301	0.336	0.327	0.408	0.277
11	0.318	0.288	0.319	0.325	0.336	0.333	0.6	0.777	0.94	0.549	0.292	0.27	0.282	0.279	0.351	0.336	0.326	0.317	0.328	0.39	0.334	0.361	0.393	0.384	0.393	0.94	0.27
12	0.336	0.339	0.346	0.324	0.336	0.308	0.28	0.284	0.303	0.552	0.398	0.276	0.339	0.319	0.32	0.332	0.364	0.357	0.369	0.324	0.316	0.599	1.59	0.931	0.427	1.59	0.276
13	0.644	0.45	0.404	0.377	0.607	2.02	1.95	0.871	0.899	1.66	0.92	1.22	0.806	0.396	0.615	0.758	0.415	0.447	0.483	0.418	0.374	0.393	0.345	0.388	0.744	2.02	0.345
14	0.368	0.353	0.335	0.344	0.387	0.47	0.377	0.364	0.328	0.351	0.554	0.854	0.694	1.04	0.909	1.04	0.505	0.465	0.449	0.441	0.673	0.801	0.599	1.39	0.587	1.39	0.328
15	1.32	0.83	1.26	1.3	0.971	0.706	0.527	1.96	4.69	4.3	4.42	2.02	0.621	0.585	0.555	0.45	0.457	0.448	0.472	0.466	0.417	0.463	0.481	0.515	1.26	4.69	0.417
16	0.448	0.426	0.453	0.445	0.453	0.505	0.481	0.479	0.436	0.426	0.43	0.475	0.458	0.471	0.469	0.49	0.48	0.537	0.545	0.543	0.503	0.514	0.568	0.579	0.484	0.579	0.426
17	0.571	0.587	0.598	0.592	0.571	0.536	0.558	--	--	0.5	0.551	0.487	0.5	0.436	0.493	0.513	0.509	0.51	0.529	0.529	0.497	0.516	0.473	0.495	0.525	0.598	0.436
18	0.475	0.563	0.397	0.435	0.385	0.379	0.405	0.537	1.99	1.61	0.664	1.19	3.21	0.351	0.329	0.382	0.348	0.371	0.336	0.351	0.379	0.35	0.323	0.345	0.671	3.21	0.323
19	0.355	0.373	0.306	0.322	0.311	0.316	0.367	0.321	0.314	0.318	0.287	0.271	0.343	0.372	0.395	0.379	0.362	0.353	0.382	0.349	0.388	0.357	0.38	0.408	0.347	0.408	0.271
20	0.381	0.391	0.332	0.402	0.401	0.409	0.428	0.401	0.426	0.383	0.423	0.451	0.426	0.444	0.429	0.415	0.436	0.543	1.06	2.67	1.27	0.956	0.792	0.82	0.629	2.67	0.332
21	0.494	0.478	0.468	0.454	0.483	0.484	0.488	0.512	0.549	0.475	0.508	0.515	0.501	0.558	0.553	0.531	0.507	0.466	0.494	0.494	0.455	0.415	0.405	0.428	0.488	0.558	0.405
22	0.464	0.466	0.465	0.433	0.42	0.43	0.459	0.442	0.447	0.438	0.382	0.449	0.397	0.441	0.421	0.435	0.42	0.451	0.395	0.433	0.426	0.447	0.972	1.29	0.493	1.29	0.382
23	1.73	4.35	2.3	2.39	2.17	2.27	1.58	0.978	--	--	0.535	0.538	0.43	0.521	0.605	0.685	0.82	0.669	1.52	2.42	1.28	0.874	1.19	1.59	1.43	4.35	0.43
24	0.904	0.663	0.645	0.601	0.506	0.51	0.564	0.464	0.454	0.453	1.16	0.519	0.41	0.419	0.428	0.407	0.413	0.423	0.4	0.455	0.435	0.452	0.452	0.447	0.524	1.16	0.4
25	0.595	1.53	1.67	1.25	1.85	3.11	1.51	1.26	1.67	0.837	0.452	0.288	0.362	0.387	0.454	0.472	0.448	0.446	0.455	0.39	0.379	0.388	0.466	0.433	0.88	3.11	0.288
26	0.469	0.46	0.472	0.466	0.504	0.492	0.502	0.492	0.502	0.51	0.499	0.523	0.563	0.624	0.597	0.614	0.569	0.647	1.53	1.65	0.69	0.61	0.591	0.58	0.631	1.65	0.46
27	0.638	0.607	0.543	0.558	0.571	0.59	0.487	0.503	0.432	0.449	0.438	0.425	0.537	0.562	0.577	0.573	0.566	0.552	0.599	0.545	0.626	0.609	0.591	0.562	0.547	0.638	0.425
28	0.469	0.593	0.572	0.546	0.546	0.518	0.542	0.627	0.567	0.524	0.507	0.52	0.541	0.499	0.584	0.597	0.562	0.576	0.606	0.612	0.602	0.532	0.528	0.583	0.556	0.627	0.469
29	0.563	0.574	0.609	0.608	0.571	0.548	0.574	0.591	0.509	0.497	0.518	--	0.5	0.531	0.542	0.509	0.555	0.559	0.527	0.539	0.464	0.476	0.511	0.466	0.537	0.609	0.464
30	0.55	0.592	0.792	0.933	1.35	0.656	0.625	0.491	0.587	1.12	2.1	1.95	0.778	0.708	0.744	0.928	0.819	0.776	0.781	0.933	0.516	0.588	0.6	0.566	0.853	2.1	0.491
Avg	0.565	0.649	0.613	0.58	0.599	0.655	0.605	0.609	0.73	0.697	0.709	0.615	0.614	0.526	0.537	0.56	0.541	0.489	0.562	0.646	0.513	0.503	0.554	0.584	0.593	--	--
Max	1.73	4.35	2.3	2.39	2.17	3.11	1.95	1.96	4.69	4.3	4.42	2.02	3.21	1.04	1.39	1.49	2.19	0.776	1.53	2.67	1.28	0.956	1.59	1.59	--	4.69	--
Min	0.318	0.285	0.306	0.306	0.302	0.304	0.28	0.284	0.294	0.276	0.286	0.27	0.282	0.279	0.307	0.332	0.325	0.295	0.32	0.309	0.282	0.317	0.301	0.275	--	--	0.27

-- Indicates Invalid Data

SAROAD for Resolution, East_Plant
"Component, Channel: TableAmbient_Hourly, SO2_ppb"
Month: Dec 2016

Hour of Day

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	Max	Min
1	0.613	0.66	1.19	1.62	2.53	3.52	2.88	1.95	1.8	1.44	1.66	0.839	0.656	0.978	1.42	1.57	1.75	1.93	1.91	1.42	1.43	1.35	1.44	1.4	1.58	3.52	0.613
2	1.08	0.948	0.908	1.02	0.956	0.958	1.03	1.15	1.74	2.79	2.6	2.27	2.17	2.6	5.39	5.99	2.55	2.1	1.55	1.33	1.11	0.904	0.697	0.704	1.86	5.99	0.697
3	0.555	0.688	0.732	0.696	0.682	0.693	0.658	0.656	0.656	0.624	0.671	0.68	0.642	0.577	0.572	0.583	0.583	0.579	0.552	0.561	0.543	0.495	0.497	0.58	0.615	0.732	0.495
4	0.501	0.542	0.493	0.46	0.451	0.424	0.439	0.471	0.52	0.583	0.835	0.686	0.489	0.484	0.488	0.558	0.599	0.535	0.502	0.472	0.577	0.817	1.14	1.05	0.588	1.14	0.424
5	1.11	0.952	0.94	0.982	0.808	0.74	0.764	0.607	0.57	0.522	0.594	0.936	1.16	1.31	1.24	0.627	0.608	0.619	0.575	0.547	0.515	0.527	0.499	0.515	0.761	1.31	0.499
6	0.553	0.502	0.52	0.58	0.539	0.501	0.65	--	--	--	1.84	2.14	1.59	0.921	0.316	0.307	0.296	0.343	0.28	0.283	0.251	0.255	0.273	0.279	0.629	2.14	0.251
7	0.258	0.251	0.244	0.209	0.205	0.239	0.191	0.209	0.221	0.178	0.175	0.177	0.3	0.307	0.229	0.216	0.227	0.219	0.202	0.166	0.161	0.166	0.191	0.2	0.214	0.307	0.161
8	0.138	0.179	0.196	0.181	0.236	0.113	0.123	0.099	0.197	0.377	0.452	0.185	0.098	0.243	0.255	0.364	0.382	0.334	0.256	0.213	0.282	0.216	0.252	0.379	0.24	0.452	0.098
9	0.215	0.144	0.128	0.149	0.152	0.092	0.167	0.133	0.127	0.053	0.076	0.107	0.102	0.166	0.103	0.15	0.104	0.195	0.168	0.172	0.215	0.164	0.156	0.191	0.143	0.215	0.053
10	0.172	0.207	0.281	0.188	0.158	0.21	0.121	0.128	0.149	0.069	0.108	0.141	0.148	0.195	0.469	0.716	0.807	0.792	0.655	0.559	0.632	0.663	0.834	0.472	0.37	0.834	0.069
11	0.228	0.213	0.339	0.399	0.453	0.363	0.41	0.437	0.405	1.64	2.65	3.38	1.62	2.01	1.39	0.608	0.284	0.33	0.267	0.249	0.234	0.24	0.227	0.221	0.775	3.38	0.213
12	0.232	0.215	0.132	0.17	0.209	0.181	0.256	0.578	2.08	2.68	2.72	1.26	0.976	1.23	0.603	0.841	1.09	1.05	0.622	0.445	0.448	0.347	0.342	0.303	0.792	2.72	0.132
13	0.274	0.277	0.273	0.215	0.202	0.183	0.175	0.251	0.276	--	--	1.36	3.51	3.64	3.57	2.64	1.6	1.71	1.44	0.929	0.811	0.865	0.58	0.603	1.15	3.64	0.175
14	0.836	0.363	0.311	0.288	0.265	0.204	0.164	0.286	1.99	4.53	4.83	3.22	1.29	0.775	1.95	1.65	1.27	1.15	0.98	0.877	0.878	0.898	0.561	0.449	1.25	4.83	0.164
15	0.366	0.331	0.358	0.502	0.543	0.768	0.502	0.52	0.996	1.19	1.08	0.336	0.318	0.332	0.504	0.628	0.707	0.793	0.357	0.248	0.24	0.291	0.339	0.929	0.549	1.19	0.24
16	0.589	0.415	0.326	0.286	0.287	0.318	0.278	0.285	0.366	0.53	0.397	0.356	0.321	0.295	0.306	0.339	0.302	0.323	0.356	0.304	0.304	0.27	0.242	0.361	0.34	0.589	0.242
17	0.385	0.433	0.461	0.409	0.465	0.417	0.378	-0.016	0.182	0.219	0.208	0.231	0.179	0.217	0.199	0.218	0.191	0.195	0.204	0.151	0.153	0.129	0.122	0.1	0.243	0.465	-0.016
18	0.197	0.416	1.24	1.43	0.317	0.226	0.188	0.311	0.814	1.17	0.808	0.325	0.167	0.155	0.132	0.076	0.122	0.124	0.58	2.15	0.811	1.03	0.166	0.415	0.557	2.15	0.076
19	0.696	0.22	0.502	1.28	1.36	2.22	3.5	1.76	1.15	0.642	0.069	-0.003	-0.038	0.028	-0.027	0.043	0.036	0.023	0.001	-0.031	1.03	0.971	0.592	0.612	0.693	3.5	-0.038
20	0.296	0.11	0.085	0.311	0.809	1.24	1.54	0.859	1.76	--	--	0.518	0.544	0.464	0.511	0.487	0.591	0.525	0.503	0.462	0.428	0.522	1.09	1.78	0.702	1.78	0.085
21	1.56	0.698	0.523	0.535	0.546	0.577	0.617	0.648	0.57	0.492	0.465	0.461	0.356	0.45	0.504	0.508	0.494	0.503	0.509	0.484	0.528	0.478	0.491	0.535	0.564	1.56	0.356
22	0.527	0.58	0.584	0.63	0.58	0.556	0.496	0.62	0.606	0.59	0.533	0.683	0.682	0.646	0.616	0.595	0.625	0.567	0.568	0.538	0.602	0.581	0.557	0.531	0.587	0.683	0.496
23	0.561	0.5	0.524	0.551	0.564	0.549	0.522	0.547	0.5	0.537	0.553	0.708	0.761	0.69	0.609	0.668	0.592	0.576	0.611	0.593	0.45	0.513	0.559	0.596	0.576	0.761	0.45
24	0.628	0.603	0.593	0.635	0.734	0.758	0.793	0.765	0.953	1.15	1.49	0.841	0.693	0.754	0.809	0.788	0.803	0.754	0.681	0.704	0.668	0.623	0.633	0.68	0.772	1.49	0.593
25	0.647	0.684	0.673	0.623	0.701	0.642	0.618	0.6	0.614	0.596	0.495	0.438	0.573	0.582	0.546	0.536	0.565	0.51	0.543	0.504	0.488	0.487	0.551	0.594	0.575	0.701	0.438
26	1.08	0.658	0.669	0.79	1.36	1.8	0.72	0.59	1.35	2.45	2.52	3.92	2.15	0.746	0.595	0.592	0.592	3.46	5.34	2.23	2.3	2.66	2.45	2.36	1.81	5.34	0.59
27	1.72	1.69	2.09	0.711	1.71	1.22	1.33	1.23	1.36	1.12	0.79	0.618	0.54	1.05	0.724	1.38	0.529	0.499	0.527	0.455	0.52	0.587	0.521	0.476	0.975	2.09	0.455
28	0.565	0.49	0.406	0.407	0.473	0.52	0.486	0.511	0.487	0.502	0.462	0.452	0.511	0.617	0.553	0.531	0.652	0.796	2.57	1.78	2.41	3.11	1.71	0.745	0.907	3.11	0.406
29	0.523	0.481	0.398	0.46	1.85	1.75	0.702	0.514	0.576	2.24	2.09	3.81	3.13	0.63	0.62	0.467	0.4	0.405	0.395	0.391	0.421	0.423	0.388	0.391	0.977	3.81	0.388
30	0.369	0.443	0.438	0.469	0.467	0.447	0.414	0.435	0.42	0.429	0.468	0.463	0.669	0.542	0.475	0.524	0.564	0.568	0.55	0.561	0.592	1.02	1.07	0.851	0.552	1.07	0.369
31	0.615	0.598	0.579	0.575	0.597	0.563	0.574	0.582	0.62	0.61	0.496	0.57	0.545	0.57	0.57	0.575	0.588	0.585	0.581	0.556	0.571	0.595	0.546	0.564	0.576	0.62	0.496
Avg	0.584	0.5	0.553	0.573	0.684	0.741	0.7	0.591	0.802	1.07	1.11	1.04	0.866	0.781	0.846	0.832	0.661	0.745	0.801	0.655	0.665	0.716	0.636	0.641	0.739	--	--
Max	1.72	1.69	2.09	1.62	2.53	3.52	3.5	1.95	2.08	4.53	4.83	3.92	3.51	3.64	5.39	5.99	2.55	3.46	5.34	2.23	2.41	3.11	2.45	2.36	--	5.99	--
Min	0.138	0.11	0.085	0.149	0.152	0.092	0.121	-0.016	0.127	0.053	0.069	-0.003	-0.038	0.028	-0.027	0.043	0.036	0.023	0.001	-0.031	0.153	0.129	0.122	0.1	--	--	-0.038

-- Indicates Invalid Data

Appendix D – East Plant Site Check Forms

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-05-2016 Time: 12:07 Operator: P. Maduno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	3m/s	2.35	2.05 +
Direction* 10m (deg)	NE	214.76	254 *
Ambient Temperature (°C)	24°	23.21	23.6 +
Relative Humidity (%)	17%	17.99	17.5 +
Aspirated Temperature 2m	24°	22.09	22.1 +
Aspirated Temperature 10m	23°	21.31	21.3 +
Delta Temperature (°C)	N/A	-1.03	-0.811 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	877.704	877 +
Barometric Pressure (mmHg)	N/A	651.859	652 +
Battery Voltage (V)	N/A	12.68	12.7 +
Time (MST)	N/A	12:12	12:15 L.T. +
Date	N/A	10-05-16	10/05/16 +

124 - 11:45
242 - 12:00
253 - 12:30
224 - 12:45

* 0.047" of precip. invalidated @ 12.15 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge, Filled evap pan. ✓

PAK

Site Operator Signature:

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-05-2016 Time: 12:14 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/05 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	–	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	–	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

HK

Signature: Paul Madueno

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-05-2016 Time: 12:18 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/05 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO

66 -

	-	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	-	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO

66 -

	-	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	-	2.	Inlet system cleaned (*Work performed by Air Sciences)

AA

Comments/Unusual Occurrences: _____

Signature: Paul Madueno

East Plant

NO_X Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T200 NOx Analyzer S/N	197	Verification Start Time	9:35
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	10:09
Date: 10-05-16			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	22.85

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-0.0	1.3	1.3	0.5	Zero Drift ≤ ±5 ppb	No
80 ppb	80	96.7	1.9	98.6	0.5	Span Drift ≤ ±10 %	Yes

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-0.0	NO	0.18	± 2 ppb	No
	NO_2	1.3	NO_2	1.52		
	NO_x	1.3	NO_x	1.69		
80 ppb	NO	96.7	NO	97.08	± 2 ppb	No
	NO_2	1.9	NO_2	2.05		
	NO_x	98.6	NO_x	98.56		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	484	Moly Temp. (315 ± 5°C)	313.7	Span Gas Tank Pressure (psi)	20 psi
Ozone Flow (80 ± 15 cc/min)	81	HVPS (400 - 900 V)	631	Span Gas Regulator Flow (psi)	1700 psi
NO_X Slope (1 ± 0.3)	1.151	NO Slope (1 ± 0.3)	1.143	Zero Air Generator Pressure (psi)	30 psi
NO_X Offset (-20 to 150)	3.4	NO Offset (-20 to 150)	0.0	*Dilution Calibrator Flow (lpm)	4.001

* Document actual value during span activities.

Operator Comments:

MFC WARNING cleared & proceeded with Level 2's.

Operator Signature: P. Maduena

RPA

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	10:10
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	10:34
Date: 10-05-2016			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	21.16

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	0.1	-1.2	-1.1	0.6	Zero Drift ≤ ±5 ppb	0.1
80 ppb	81	91.9	1.0	92.9	0.6	Span Drift ≤ ±10 %	83.0

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-0.1	NO	0.29	± 2 ppb	No
	NO_2	0.2	NO_2	-0.89		
	NO_x	0.1	NO_x	-0.71		
80 ppb	NO	83.2	NO	83.4	± 2 ppb	No
	NO_2	-0.1	NO_2	0.79		
	NO_x	83.0	NO_x	84.01		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	484	Moly Temp. (315 ± 5°C)	315.7	Span Gas Tank Pressure (psi)	20 psi
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	1700psi
NO_X Slope (1 ± 0.3)	1.163	NO Slope (1 ± 0.3)	1.143	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	4.8	NO Offset (-20 to 150)	0.0	*Dilution Calibrator Flow (lpm)	3.991

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Mad

RPA

East Plant

SO_2 Level 2 Zero and Span Precision Check

Resolution Copper Mining

AIR SCIENCES INC.

DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193		Verification Start Time	10:55
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816		Verification Stop Time	11:03
Date: 10-05-16				T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%		Shelter Temperature (20-30°C)	21.35

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-0.127	0.225	Zero Drift ≤ ±5 ppb	No
80 ppb	80	120.323	0.674	Span Drift ≤ ±10 %	yes

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.127	0.461	± 2 ppb	No
80 ppb	120.323	120.731	± 2 ppb	yes

Analyzer Parameters

Sample Flow (550 ± 10%)	495	Sample Press. (Ambient ± 2 in-Hg)	26.2	Span Gas Tank Pressure (psi)	20
UV Lamp (1000 - 4800 mV)	4195.3	Lamp Ratio (30 - 120%)	111.1%	Span Gas Regulator Pressure (psi)	1700
Slope (1 ± 0.3)	1.656	BOX Temp. (Ambient ± 5°C)	32.2	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.4	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	

* Document value during span activities.

Operator Comments:

Operator Signature: Paul Maud

RPA

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
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Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	11:05
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	11:32
Date: 10-05-2016			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	21.27

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.016	0.526	Zero Drift ≤ ±5 ppb	-0.242
80 ppb	80	120.793	0.839	Span Drift ≤ ±10 %	80.367

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.242	0.314	±2 ppb	No
80 ppb	80.367	80.642	±2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	489	Sample Press. (Ambient ± 2 in-Hg)	26.2	Span Gas Tank Pressure (psi)	20 psi
UV Lamp (1000 - 4800 mV)	4197.2	Lamp Ratio (30 - 120%)	111.1%	Span Gas Regulator Pressure (psi)	1700 psi
Slope (1 ± 0.3)	1.656	BOX Temp. (Ambient ± 5°C)	32.4	Zero Air Generator Pressure (psi)	30 psi
Offset (< 250 mV)	26.4	HVPS (400 - 900 V)	571V	* Dilution Calibrator Flow (lpm)	3.987

* Document value during span activities.

Operator Comments:
MFC WARNING cleared and Proceeded with Level 2's.

Operator Signature: Paul Madu

RPA

East Plant

O_3 Level 2 Zero and Span Precision Check

Resolution Copper Mining

AIR SCIENCES INC.

DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Verification Start Time	11:36
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	12:04
Date: 10-05-2016			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	21.73

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	1.8	0.4	Zero Drift ≤ ±5 ppb	No
80 ppb	80	79.4	0.6	Span Drift ≤ ±7%	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	1.8	-0.98	±2 ppb	No
80 ppb	79.4	80.39	±2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	756	Sample Temp. (10 - 50°C)	38.7	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58	BOX Temp. (10 to 50°C)	28.1	*Dilution Calibrator Flow (lpm)	4.001
Slope (1 ± 0.15)	1.082	O_3 Measure (2500 - 4800 mV)	2567		
Offset (0.0 ± 5 ppb)	2.8	O_3 Reference (2500 - 4800 mV)	2566.9		

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Maduena

PPA

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10/11-12-16 Time: 08:38 Operator: P. Madueno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	0.51	1.08 +
Direction* 10m (deg)	SE	97.95	113 +
Ambient Temperature (°C)	23°	22.65	22.5 +
Relative Humidity (%)	22%	21.62	20.7 +
Aspirated Temperature 2m	23°	21.24	21 +
Aspirated Temperature 10m	22°	20.87	20.5 +
Delta Temperature (°C)	N/A	-0.40	-0.443 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	495.041	478 +
Barometric Pressure (mmHg)	N/A	655.359	655 +
Battery Voltage (V)	N/A	~~12.75~~	12.8 +
Time (MST)	N/A	08:44	08:45 LT +
Date	N/A	10-12-16	10/12/16 +

*Direction wind is from

* 0.047" of precip. manually dotted @ 08:45 hrs! EC

Comments/Unusual Occurrences or Weather: Triggered precip, Filled evap pan. ✓ EC

Site Operator Signature: [signature] RPA

AIR SCIENCES INC.

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 12-12-16 Time: 08:47 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/12 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

RPM

East Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-12-16 Time: 08:53 Operator: P. Madrone

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/12 BAM CAL Membrane 5 %
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Madrone

RPA

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator:	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	09:00
P. MADUENO	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	09:30
Date: 10-12-2016			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	22,0

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	-0.2	0.5	0.2	0.5	Zero Drift ≤ ±5 ppb	0.9
80 ppb	80					Span Drift ≤ ±10%	

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.1	NO	0.265	± 2 ppb	No
	NO_2	0.7	NO_2	0.911		
	NO_x	0.9	NO_x	1.32		
80 ppb	NO		NO		± 2 ppb	
	NO_2		NO_2			
	NO_x		NO_x			

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	472	Moly Temp. (315 ± 5°C)	315.2	Span Gas Tank Pressure (psi)	0psi
Ozone Flow (80 ± 15 cc/min)	81	HVPS (400 - 900 V)	631V	Span Gas Regulator Pressure (psi)	0psi
NO_X Slope (1 ± 0.3)	1.004	NO Slope (1 ± 0.3)	1.003	Zero Air Generator Pressure (psi)	30psi
NO_X Offset (-20 to 150)	3.8	NO Offset (-20 to 150)	0.3	*Dilution Calibrator Flow (lpm)	3.993

* Document actual value during span activities.

Operator Comments: Began Generating 80ppb and MFC PRESS WARNING. Check Span Gas Tank, both gauges where on Zero. May be caused by leak. Checked all tubing behind T700.

Operator Signature: Paul Madu

RPDS

East Plant

O_3 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. MADUENO	Teledyne API T400 O_3 Analyzer S/N	224	Calibration Start Time	09:32
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	09:50
Date: 10-12-16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	20.64

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	-2.1	0.2	Zero Drift ≤ ±5 ppb	0.9
80 ppb				Span Drift ≤ ±7%	

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.9	1.49	± 2 ppb	No
80 ppb			± 2 ppb	

Analyzer Parameters

Sample Flow (800± 80 cc/min)	766	Sample Temp. (10 - 50°C)	38.4	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	27.6	*Dilution Calibrator Flow (lpm)	4.009
Slope (1 ± 0.15)	1.056	O_3 Measure (2500 - 4800 mV)	2566.9		
Offset (0.0 ± 5 ppb)	4.7	O_3 Reference (2500 - 4800 mV)	2566.9		

* Document actual value during span activities.

Operator Comments: Began Generating 80ppb REGULATR PRESS WARN popped up. Cleared and began once again after about 2 minutes warning appeared again and booted me out. Tried 3 plus times generating 80ppb and same result every time.

Operator Signature: Paul Madueno

PPA

East Plant

NOx Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
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Operator: P. Maduena	Teledyne API T200 NOx Analyzer S/N	197	Calibration Start Time	08:18
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	11:56
Date: 10-14-16			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	21.89

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NOx Response	Analyzer Stability	Acceptance Criteria	Final NOx/Zero Response
Zero Air	0	0.1	-0.6	-0.5	0.4	Zero Drift ≤ ± 5 ppb	0.6
80 ppb	80	78.8	-0.5	78.5	0.6	Span Drift ≤ ± 10 %	80.0

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-0.0	NO	0.18	± 2 ppb	No
	NO_2	0.7	NO_2	0.89		
	NO_x	0.6	NO_x	0.97		
80 ppb	NO	79.4	NO	79.59	± 2 ppb	No
	NO_2	0.5	NO_2	0.51		
	NO_x	80.0	NO_x	80.25		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	486	Moly Temp. (315 ± 5°C)	314.6	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	21
NOx Slope (1 ± 0.3)	1.004	NO Slope (1 ± 0.3)	1.003	Zero Air Generator Pressure (psi)	30
NOx Offset (-20 to 150)	3.8	NO Offset (-20 to 150)	0.3	*Dilution Calibrator Flow (lpm)	4.005

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Mad

RPA

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
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Operator: P. Madueno	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	11:58
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	1:36
Date: 10-14-16			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	22.85

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	-0.394	0.126	Zero Drift ≤ ±5 ppb	-0.172
80 ppb	80	81.820	0.863	Span Drift ≤ ±10 %	81.709

Final values after Generating 100 ppb

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.172	0.364	± 2 ppb	No
80 ppb	81.709	82.224	± 2 ppb	NO

Analyzer Parameters

Sample Flow (550 ± 10%)	484	Sample Press. (Ambient ± 2 in-Hg)	26.3	Span Gas Tank Pressure (psi)	31
UV Lamp (1000 - 4800 mV)	42034	Lamp Ratio (30 - 120%)	111.1	Span Gas Regulator Pressure (psi)	1400
Slope (1 ± 0.3)	1.097	BOX Temp. (Ambient ± 5°C)	32.4	Zero Air Generator Pressure (psi)	13
Offset (< 250 mV)	264	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.992

* Document value during span activities.

Operator Comments: Generating 80 ppb values were extremly out of range. Generated 100 ppb until stability was below 0.1. Pressed SPAN twice before generating 80 ppb again. Generated 80 ppb and values were in acceptable range.

Operator Signature: Paul M

EPA

East Plant

O_3 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Verification Start Time	1:42
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	2:03
Date: 10-14-16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	21.35

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.4	0.7	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.7	0.5	Span Drift ≤ ±7 %	

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.7	1,243	± 2 ppb	No
80 ppb	80.7	81.83	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	757	Sample Temp. (10 - 50°C)	37.5	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	26.7	*Dilution Calibrator Flow (lpm)	3.894
Slope (1 ± 0.15)	1.056	O_3 Measure (2500 - 4800 mV)	2258.7		
Offset (0.0 ± 5 ppb)	4.7	O_3 Reference (2500 - 4800 mV)	2259.5		

* Document actual value during span activities.

Operator Comments:

Operator Signature:

RPA

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-19-16 Time: 08:18 Operator: P. Madrone

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2 m/s	2.45	3.57 +
Direction* 10m (deg)	W	106,084	62.3 ✱
Ambient Temperature (°C)	20°	21,00	21.1 +
Relative Humidity (%)	24 %	24.65	24.4 +
Aspirated Temperature 2m	20°	20.07	20.3 +
Aspirated Temperature 10m	19°	19.73	19.8 +
Delta Temperature (°C)	N/A	-0.40	-0.51 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	392.491	396 +
Barometric Pressure (mmHg)	N/A	654.598	655 +
Battery Voltage (V)	N/A	12.78	12.8 +
Time (MST)	N/A	08:23	08:30 L.T. +
Date	N/A	10-19-16	10/19/16 +

136 - 8:00
87.9 - 8:15
67.3 - 8:45
58 - 9:00

*Direction wind is from

✱ 0.043" of precip. inundated @ 08:30 hrs! #6

Comments/Unusual Occurrences or Weather: Triggered precip gauge. Filled evap pan.

Site Operator Signature:

RPM

AIR SCIENCES INC.

East Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

Date: 10-19-16 Time: 08:48 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). Reference Extended
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Membrane Timeout.

* PM10 conc. + flow invalidated @ 09:00 hrs!

Signature:

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-19-14 Time: 08:26 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/19 BAM CAL Membrane 5 %
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	–	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	–	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

RMA

Signature: _____

East Plant

NO_X Level 2 Zero and Span Precision Check

Resolution Copper Mining

AIR SCIENCES INC.

DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T200 NOx Analyzer S/N	197	Verification Start Time	09:10
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	09:36
Date: 10-19-16			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	21.71

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.3	1.6	1.9	0.4	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.4	0.7	81.1	0.3	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.3	NO	0.62	± 2 ppb	No
	NO_2	1.6	NO_2	1.75		
	NO_x	1.9	NO_x	2.18		
80 ppb	NO	80.4	NO	80.54	± 2 ppb	No
	NO_2	0.7	NO_2	0.81		
	NO_x	81.1	NO_x	81.12		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	485	Moly Temp. (315 ± 5°C)	314.7	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Flow (psi)	20
NO_X Slope (1 ± 0.3)	0.971	NO Slope (1 ± 0.3)	0.980	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	1.0	NO Offset (-20 to 150)	0.7	*Dilution Calibrator Flow (lpm)	4.003

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Maduena

RPM

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • COLORADO • LOS ANGELES

Operator:	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	10:05
P. Madueno	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	10:58
Date: 10-19-16			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	21.58

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.205	0.475	Zero Drift ≤ ±5 ppb	-0.245
80 ppb	81	100.672	0.901	Span Drift ≤ ±10 %	83.307

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.245	-0.165	± 2 ppb	No
80 ppb	83.307	83.836	± 2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	487	Sample Press. (Ambient ± 2 in-Hg)	26.3	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4207.1	Lamp Ratio (30 - 120%)	111.4	Span Gas Regulator Pressure (psi)	20
Slope (1 ± 0.3)	1.793	BOX Temp. (Ambient ± 5°C)	32.9	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	25.7	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.998

* Document value during span activities.

Operator Comments:

First initial values way above acceptable range. After SPAN values dropped to acceptable range.

Operator Signature:

MA

East Plant

O_3 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • FORT LAUDERDALE • LOS ANGELES

Operator: P. Madueno	Teledyne API T400 O_3 Analyzer S/N	224	Calibration Start Time	11:02
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	11:45
Date: 10-19-16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	22.61

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.3	0.3	Zero Drift ≤ ± 5 ppb	0.4
80 ppb	80	81.6	0.8	Span Drift ≤ ± 7 %	80.3

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.4	0.978	± 2 ppb	No
80 ppb	80.3	81.23	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	759	Sample Temp. (10 - 50°C)	39.1	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	28.3	*Dilution Calibrator Flow (lpm)	4.008
Slope (1 ± 0.15)	1.059	O_3 Measure (2500 - 4800 mV)	2559.5		
Offset (0.0 ± 5 ppb)	4.4	O_3 Reference (2500 - 4800 mV)	2559.4		

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Madueno

RPM

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10/26/2016 Time: 08:35 Operator: P. Madurine

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2 m/s	2.56	3.21 +
Direction* 10m (deg)	E	135.659	81 ✗
Ambient Temperature (°C)	21°	21.62	21.8 +
Relative Humidity (%)	36%	35.29	35.1 +
Aspirated Temperature 2m	21°	21.04	21.2 +
Aspirated Temperature 10m	20°	20.54	20.6 +
Delta Temperature (°C)	N/A	-0.57	-0.6 +
Solar Radiation (w/m²)	Sunny / Partly cloudy / Cloudy	417.899	420 +
Barometric Pressure (mmHg)	N/A	656.870	657 +
Battery Voltage (V)	N/A	12.74	12.8 +
Time (MST)	N/A	08:41	08:45 L.I.T
Date	N/A	10/26/2016	10/26/16 +

107 - 8:15
89.5 - 8:30
65.7 - 9:00
65.2 - 9:15

*Direction wind is from ✗ 0.059" of precip. inundated @ 11:15hrs! EG

Comments/Unusual Occurrences or Weather: Filled evap pan, Triggered precip ✓ gauge.

Site Operator Signature:

RPA

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/26/2016 Time: 08:45 Operator: P. Madamo

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/26 Reference Extended
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____ RPM

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/26/2016 Time: 08:42 Operator: ?

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/26 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

RPA

Signature: _____

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Madueno	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	08:46
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	09:24
Date: 10/26/2016			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	23.33

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	0.3	2.2	2.6	0.5	Zero Drift ≤ ±5 ppb	2.2
80 ppb	80	75.0	2.6	77.7	0.2	Span Drift ≤ ±10 %	79.3

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.0	NO	0.208	± 2 ppb	No
	NO_2	2.1	NO_2	2.63		
	NO_x	2.2	NO_x	2.70		
80 ppb	NO	79.4	NO	79.446	± 2 ppb	No
	NO_2	0.1	NO_2	0.116		
	NO_x	79.3	NO_x	79.371		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	485	Moly Temp. (315 ± 5°C)	316.5	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	30
NO_X Slope (1 ± 0.3)	0.971	NO Slope (1 ± 0.3)	0.980	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	1.0	NO Offset (-20 to 150)	0.7	*Dilution Calibrator Flow (lpm)	4.001

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Madueno

RMB

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	09:54
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	10:29
Date: 10-26-2016			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	20.96

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.294	0.410	Zero Drift ≤ ±5 ppb	-0.246
80 ppb	80	101.063	0.527	Span Drift ≤ ±10 %	80.542

out of range before SPAN

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.246	0.331	± 2 ppb	No
80 ppb	80.542	80.793	± 2 ppb	No

After SPAN

Analyzer Parameters

Sample Flow (550 ± 10%)	487	Sample Press. (Ambient ± 2 in-Hg)	26.4	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4220.7	Lamp Ratio (30 - 120%)	111.6	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.426	BOX Temp. (Ambient ± 5°C)	32.7	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	25.9	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.999

* Document value during span activities.

Operator Comments:

Operator Signature:

KAA

East Plant

O_3 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Madueno	Teledyne API T400 O_3 Analyzer S/N	224	Verification Start Time	10:31
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	10:59
Date: 10/26/2016			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	19.79

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-0.4	0.4	Zero Drift ≤ ±5 ppb	No
80 ppb	80	79.8	0.5	Span Drift ≤ ±7%	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.4	0.6469	± 2 ppb	No
80 ppb	79.8	80.49	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	768	Sample Temp. (10 - 50°C)	38.8	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	27.9	*Dilution Calibrator Flow (lpm)	3.997
Slope (1 ± 0.15)	1.037	O_3 Measure (2500 - 4800 mV)	2555.8		
Offset (0.0 ± 5 ppb)	4.4	O_3 Reference (2500 - 4800 mV)	2555.7		

* Document actual value during span activities.

Operator Comments:

Operator Signature:

KAA

AIR SCIENCES INC.

Monthly Flow Verification PM_{10}

East Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 PM_{10}: S/N: M8714

Firmware:

Calibrator: Delta Cal S/N: 1034.

Date of Flow Audit: 10/28/16

Time of Flow Audit: 9:53

	BAM	STD
Ambient Temperature (AT) °C	25.5	25.6
Barometric Pressure (BP) mmHg	657	

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	14.90	0.7
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.25	0.8
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.53	1.0
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:

(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)

(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.6	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test passed.

* PM10 conc. & flow invalidated for 10:00 and 11:00 hrs!

Signature: Paul Mull

EG

RPA

AIR SCIENCES INC

Monthly Flow Verification $PM_{2.5}$

East Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 $PM_{2.5}$: S/N: MG466

Firmware:

Calibrator: Delta Cal S/N: 1034

Date of Flow Audit: 10/28/2016

Time of Flow Audit: 9:00

	BAM	STD
Ambient Temperature (AT) °C	23.8	24.8
Barometric Pressure (BP) mmHg	656	655.5

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.10	0.7
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.43	0.16
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.74	0.24
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:

(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)

(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.6	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.

* PM2.5 conc + flow invalidated for 08:00 and 10:00 hrs! EG

Signature:

ART

~~East~~ Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/2/2016 ✓ Time: 08:36 ✓ Operator: P. Madueno ✓

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propeller and the wind direction vane are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The precipitation gauge is clean and free of bugs and dust.
✓		8. The datalogger is reading the correct time and day.
✓		9. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	4mi/s	3.17	2.64 ✓
Direction* 10m (deg)	SW	79.52	74 ✓
Ambient Temperature (°C)	18°	17.48	17.3 ✓
Relative Humidity (%)	35%	36.93	37.5 ✓
Aspirated Temperature 2m	18°	16.70	16.5 ✓
Aspirated Temperature 10m	17°	15.79	15.8 ✓
Delta Temperature (°C)	N/A	-0.84	-0.755 ✓
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	391.767	383 ✓
Barometric Pressure (mmHg)	N/A	653.104	653 ✓
Battery Voltage (V)	N/A	12.82	12.9 ✓
Time (MST)	N/A	08:40	08:45 L.T. ✓
Date	N/A	11/2/16.	11/02/16 ✓

*Direction wind is from

☆ 0.47" of precip. immobilized @ 11:00 hrs! EC

Comments/Unusual Occurrences or Weather: Triggered precip, Filled evap pan. ✓

Site Operator Signature: Paul Madueno

EC

AIR SCIENCES INC.

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 11/2/2016 Time: 08:46 Operator: P. Madueno

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/28 Reference Extende-
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Madueno

East Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/2/2016 Time: 08:42 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/2 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

East Plant

NO_X Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Madueno	Teledyne API T200 NOx Analyzer S/N	197	Verification Start Time	08:52
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	09:24
Date: 11/2/2016			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	22.90

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-0.5	-1.0	-1.5	0.6	Zero Drift ≤ ± 5 ppb	No
80 ppb	81	82.1	-0.8	81.3	06	Span Drift ≤ ± 10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-0.5	NO	-0.24	± 2 ppb	No
	NO_2	-1.0	NO_2	-0.76		
	NO_x	-1.5	NO_x	-1.04		
80 ppb	NO	82.1	NO	82.37	± 2 ppb	No
	NO_2	-0.8	NO_2	-0.58		
	NO_x	81.3	NO_x	81.68		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	478	Moly Temp. (315 ± 5°C)	315.5	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Flow (psi)	30
NO_X Slope (1 ± 0.3)	1.049	NO Slope (1 ± 0.3)	1.035	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	7.4	NO Offset (-20 to 150)	0.1	*Dilution Calibrator Flow (lpm)	3.993

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Mad

East Plant

SO_2 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Madueno	Teledyne API T100 SO_2 Analyzer S/N	193	Verification Start Time	09:27
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	09:58
Date: 11/2/2016			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20-30°C)	20.43

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.047	0.679	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.403	0.542	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.047	0.265	±2 ppb	No
80 ppb	80.403	80.527	±2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	463	Sample Press. (Ambient ± 2 in-Hg)	26.1	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4228	Lamp Ratio (30 - 120%)	111.9	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.134	BOX Temp. (Ambient ± 5°C)	33.2	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.3	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.973

* Document value during span activities.

Operator Comments:

Operator Signature:

East Plant

O_3 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Calibration Start Time	10:00
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	10:40
Date: 11/2/2016			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	22.47

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.6	0.5	Zero Drift ≤ ±5 ppb	-0.7
80 ppb	80	80.0	0.4	Span Drift ≤ ±7 %	80.7

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.7	0.149	± 2 ppb	No
80 ppb	80.7	81.326	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	755	Sample Temp. (10 - 50°C)	39.8	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	28.3	*Dilution Calibrator Flow (lpm)	4.002
Slope (1 ± 0.15)	1.037	O_3 Measure (2500 - 4800 mV)	2550.2		
Offset (0.0 ± 5 ppb)	4.4	O_3 Reference (2500 - 4800 mV)	2550.1		

* Document actual value during span activities.

Operator Comments:

Operator Signature:

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/09/16 ✓ Time: 12:42 ✓ Operator: P. Madueno ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	7 m/s	6.34	8.15 +
Direction* 10m (deg)	W	96.81	94.4 +
Ambient Temperature (°C)	20°	19.34	18 +
Relative Humidity (%)	17 %	19.11	18.2 +
Aspirated Temperature 2m	20°	19.28	18 +
Aspirated Temperature 10m	19	18.58	18.3 +
Delta Temperature (°C)	N/A	-0.71	-0.709 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	726.177	735 +
Barometric Pressure (mmHg)	N/A	656.504	657 +
Battery Voltage (V)	N/A	12.77	12.8 +
Time (MST)	N/A	12:46	12:45 _L.T. +
Date	N/A	11/09/16	11/09/16 +

*Direction wind is from

☆ 0.075" of precip. inndicated @ 14:45 hrs! GC.

Comments/Unusual Occurrences or Weather: Triggered precip, Filled evap pan, windy ✓

Site Operator Signature:

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/09/14 Time: 12:51 Operator: P. Maduena

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/28 Reference Extend
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

6.6.

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Mad

East Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/09/16 Time: 12:48 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/09 BAM CAL Membrane 570
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
		2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Mad

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Madueno	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	12:56
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	1:36
Date: 11/09/16			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	23.48

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	-0.2	-1.2	-1.4	0.5	Zero Drift ≤ ±5 ppb	1.7
80 ppb	80	75.5	-1.2	74.2	0.3	Span Drift ≤ ±10 %	80.8

└ Values low Before SPAN.

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.1	NO	0.31	± 2 ppb	No
	NO_2	1.6	NO_2	1.79		
	NO_x	1.7	NO_x	2.03		
80 ppb	NO	80.3	NO	80.23	± 2 ppb	No
	NO_2	-0.1	NO_2	-0.01		
	NO_x	80.8	NO_x	80.89		

└ After SPAN

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	478	Moly Temp. (315 ± 5°C)	314.3	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	30
NO_X Slope (1 ± 0.3)	1.049	NO Slope (1 ± 0.3)	1.065	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	7.4	NO Offset (-20 to 150)	0.1	*Dilution Calibrator Flow (lpm)	3.997

* Document actual value during span activities.

Operator Comments:

Operator Signature:

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • FORT COLLINS • LOS ANGELES

Operator: P. Madueno	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	1:38
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	2:03
Date: 11/09/16			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	20.05

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.182	0.647	Zero Drift ≤ ±5 ppb	0.004
80 ppb	80	80.763	0.540	Span Drift ≤ ±10 %	80.255

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.004	0.198	± 2 ppb	No
80 ppb	80.255	80.553	± 2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	481	Sample Press. (Ambient ± 2 in-Hg)	26.4	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4240	Lamp Ratio (30 - 120%)	112.3	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.134	BOX Temp. (Ambient ± 5°C)	31.8	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.3	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.986

* Document value during span activities.

Operator Comments:

Operator Signature:

East Plant

O_3 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Verification Start Time	2:05
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	2:33
Date: 11/09/16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	20.30

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-1.0	0.5	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.2	0.7	Span Drift ≤ ±7%	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-1.0	0.165	±2 ppb	No
80 ppb	80.2	80.93	±2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	760	Sample Temp. (10 - 50°C)	39.7	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	27.9	*Dilution Calibrator Flow (lpm)	3.990
Slope (1 ± 0.15)	1.058	O_3 Measure (2500 - 4800 mV)	2548.2		
Offset (0.0 ± 5 ppb)	3.3	O_3 Reference (2500 - 4800 mV)	2548.1		

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Maduena

East Plant

Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/17/2016 Time: 7:16 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	0.81	2.48 +
Direction* 10m (deg)	E	222.843	231 +
Ambient Temperature (°C)	11°	10.71	10.6 +
Relative Humidity (%)	40 %	39.31	40.1 +
Aspirated Temperature 2m	11°	10.17	10.4 +
Aspirated Temperature 10m	10°	10.24	10.5 +
Delta Temperature (°C)	N/A	0.032	0.127 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	47.92	15.8 +
Barometric Pressure (mmHg)	N/A	649.035	649 +
Battery Voltage (V)	N/A	12.51	12 +
Time (MST)	N/A	7:21	07:15 LT +
Date	N/A	11-17-2016	11/17/16 +

*0.047" of precip. indicated @ 07:30 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge, Filled evap pan. *

Site Operator Signature: Paul Maduena

East Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11-17-2016 Time: 07:25 Operator: P. Machuca

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/20 Reference Extend.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Machuca

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11-17-16 Time: 07:32 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/17 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

East Plant

NO_X Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PIEDMONT • LOS ANGELES

Operator: P. Madueno	Teledyne API T200 NOx Analyzer S/N	197	Verification Start Time	07:39
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	07:52
Date: 11/17/16			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	24.57

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.3	0.0	0.3	0.6	Zero Drift ≤ ±5 ppb	No
80 ppb	80	81.0	-1.8	80.2	0.5	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.3	NO	0.66	± 2 ppb	No
	NO_2	0.0	NO_2	0.09		
	NO_x	0.6	NO_x	0.69		
80 ppb	NO	81.0	NO	81.24	± 2 ppb	No
	NO_2	-1.8	NO_2	-1.87		
	NO_x	80.2	NO_x	80.37		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	473	Moly Temp. (315 ± 5°C)	316.7	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Flow (psi)	30
NO_X Slope (1 ± 0.3)	1.113	NO Slope (1 ± 0.3)	1.116	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	5.2	NO Offset (-20 to 150)	0.5	*Dilution Calibrator Flow (lpm)	3.991

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Madueno

East Plant

SO_2 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193	Verification Start Time	07:54
Date: 11/17/16	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	08:19
			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20-30°C)	23.27

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.323	0.384	Zero Drift ≤ ±5 ppb	No
80 ppb	80	79.973	0.481	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.323	0.480	± 2 ppb	No
80 ppb	79.973	80.541	± 2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	446	Sample Press. (Ambient ± 2 in-Hg)	26.0	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4242.2	Lamp Ratio (30 - 120%)	112.3	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.122	BOX Temp. (Ambient ± 5°C)	34.0	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.3	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.967

* Document value during span activities.

Operator Comments:

Operator Signature:

East Plant

O_3 Level 1 Zero and Span Check

Resolution Copper Mining

AIR SCIENCES INC.

DENVER · PORTLAND · LOS ANGELES

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Calibration Start Time	08:21
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	08:56
Date: 11/17/16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	20.45

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	-1.1	0.4	Zero Drift ≤ ±5 ppb	0.2
80 ppb	80	80.5	0.5	Span Drift ≤ ±7%	80.4

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.2	0.111	± 2 ppb	No
80 ppb	80.4	81.23	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	750	Sample Temp. (10 - 50°C)	40.8	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	29.0	*Dilution Calibrator Flow (lpm)	3.998
Slope (1 ± 0.15)	1.046	O_3 Measure (2500 - 4800 mV)	2543.7		
Offset (0.0 ± 5 ppb)	4.1	O_3 Reference (2500 - 4800 mV)	2545.3		

* Document actual value during span activities.

Operator Comments:

Operator Signature:

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/23/2016 Time: 08:03 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	5m/s	4.60	4.03 +
Direction* 10m (deg)	E	77.83	59.6 +
Ambient Temperature (°C)	90	9.44	9.6 +
Relative Humidity (%)	55%	54.52	53.9 +
Aspirated Temperature 2m	9°	8.87	9.03 +
Aspirated Temperature 10m	8°	8.67	8.78 +
Delta Temperature (°C)	N/A	-0.23	-0.243 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	206.488	216 +
Barometric Pressure (mmHg)	N/A	655.186	655 +
Battery Voltage (V)	N/A	12.96	13 +
Time (MST)	N/A	08:09	08:15 C.T. +
Date	N/A	11/23/2016	11/23/16 +

* 0.02" of precip. inundated @ 08:15 hrs! 66

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge. * 66
* 1 filter Tape

Site Operator Signature:

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/23/2016 Time: 08:11 Operator: P. Maduenes

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/23 BAM ctL Membrane S%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Self Test Passed. ✓

* PM10 conc. + flow manually started for 11:00 hrs!

Signature: Paul Mad

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/23/2016 Time: 08:16 Operator: P. Madereno

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). Reference Extended.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Self Test Passed.

* PM2.5 conc. + flow invalidated for 10:00 and 11:00 hrs!

Signature: [signature]

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	08:20
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	08:56
Date: 11/23/14			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40 %	Shelter Temperature (20 - 30°C)	24.93

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	0.4	0.2	0.6	0.5	Zero Drift ≤ ±5 ppb	0.7
80 ppb	80	80.1	-0.1	80.0	0.5	Span Drift ≤ ±10 %	80.3

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.0	NO	0.14	± 2 ppb	No
	NO_2	0.7	NO_2	0.62		
	NO_x	0.7	NO_x	0.86		
80 ppb	NO	79.9	NO	80.07	± 2 ppb	No
	NO_2	0.2	NO_2	0.18		
	NO_x	80.3	NO_x	80.26		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	486	Moly Temp. (315 ± 5°C)	315.6	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	30
NO_X Slope (1 ± 0.3)	1.113	NO Slope (1 ± 0.3)	1.116	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	5.2	NO Offset (-20 to 150)	0.5	*Dilution Calibrator Flow (lpm)	3.999

* Document actual value during span activities.

Operator Comments:

Operator Signature:

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	08:57
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	09:25
Date: 11/23/16			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40 %	Shelter Temperature (20 - 30°C)	21.63

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.008	0.568	Zero Drift ≤ ±5 ppb	-0.152
80 ppb	80	80.271	0.671	Span Drift ≤ ±10 %	79.931

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.152	0.082	±2 ppb	No
80 ppb	79.931	80.531	±2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	461	Sample Press. (Ambient ± 2 in-Hg)	26.4	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4252	Lamp Ratio (30 - 120%)	112.6	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.122	BOX Temp. (Ambient ± 5°C)	33.4	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.3	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	4.005

* Document value during span activities.

Operator Comments:

Operator Signature:

East Plant

O_3 Level 2 Zero and Span Precision Check

Resolution Copper Mining

AIR SCIENCES INC.

DENVER • PORTLAND • LOS ANGELES

Operator: P. Madruno	Teledyne API T400 O_3 Analyzer S/N	824	Verification Start Time	09:30
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	10:03
Date: 11/23/16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	23.29

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.4	0.5	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.2	0.5	Span Drift ≤ ±7%	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.4	0.46	±2 ppb	No
80 ppb	80.2	80.43	±2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	760	Sample Temp. (10 - 50°C)	40.7	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	28.8	*Dilution Calibrator Flow (lpm)	4.007
Slope (1 ± 0.15)	1.041	O_3 Measure (2500 - 4800 mV)	2538.6		
Offset (0.0 ± 5 ppb)	4.1	O_3 Reference (2500 - 4800 mV)	2538.7		

* Document actual value during span activities.

Operator Comments:

Operator Signature: P. Madruno

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/29/2016 ✓ Time: 10:33 ✓ Operator: P. Maduena ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓	✓	9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
	✓	10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2m/s	2.18	2 +
Direction* 10m (deg)	SE	~~313.756~~	308 +
Ambient Temperature (°C)	8°	7.77	7.83 +
Relative Humidity (%)	40°	40.52	43 +
Aspirated Temperature 2m	8°	5.43	5.47 +
Aspirated Temperature 10m	7°	4.95	4.92 +
Delta Temperature (°C)	N/A	-0.57	-0.545 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	626.883	626 +
Barometric Pressure (mmHg)	N/A	650.338	651 +
Battery Voltage (V)	N/A	12.99	13 +
Time (MST)	N/A	10:38	10:45 LT +
Date	N/A	11/29/2016	11/29/16 +

*Direction wind is from ☆ 0.016" of precip. indicated for 10:45hrs! 66.

Comments/Unusual Occurrences or Weather: Triggered precip gauge ✓

Site Operator Signature: Paul Maduena

R

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/29/2016 (30) Time: 19:44 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/23 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
✓		3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66. -

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Monthly Flow Verification

Signature: Paul Mad

AIR SCIENCES INC.

Monthly Flow Verification PM_{10}

East Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 PM_{10}: S/N: M8714 ✓

Firmware: ✓

Calibrator: Delta Cal S/N: 1034

Date of Flow Audit: 11/30/16 ✓

Time of Flow Audit: 9:36 ✓

	BAM	STD
Ambient Temperature (AT) °C	6.7	6.9 ✓
Barometric Pressure (BP) mmHg	654	654.0 ✓

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0 ✓	14.68	2.2 ✓
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0 ✓	18.00	2.2 ✓
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0 ✓	16.28	2.6 ✓
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:

(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)

(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM ✓	
(2) Leak Test	0.6	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed ✓

* PM10 conc + flow invalidated for 10 cal ms!

Signature: [signature] ✓

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/29/2016 (30) Time: 10:40 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/29 BAM CAL Membrane 50%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
✓		3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Monthly Flow Verification

Signature: [signature]

AIR SCIENCES INC.

Monthly Flow Verification $PM_{2.5}$

East Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 $PM_{2.5}$: S/N: M6466

Firmware:

Calibrator: DeltaCal S/N: 1034

Date of Flow Audit: 11/30/16

Time of Flow Audit: 9:10

	BAM	STD
Ambient Temperature (AT) °C	5.6	5.7
Barometric Pressure (BP) mmHg	653	654

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.17	1.1
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.51	0.6
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.79	0.5
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:

(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)

(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.6	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed

* PM2.5 conc. + flow invalidated for 10:00 hrs!

Signature:

66

East Plant

NO_X Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • FORT LAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T200 NOx Analyzer S/N	197	Verification Start Time	10:48
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	11:19
Date: 11/29/2016			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40 %	Shelter Temperature (20 - 30°C)	22.20

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.0	0.1	0.1	0.5	Zero Drift ≤ ± 5 ppb	No
80 ppb	81	81.4	1.0	82.4	0.4	Span Drift ≤ ± 10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	0.0	NO	0.165	± 2 ppb	No
	NO_2	0.1	NO_2	0.436		
	NO_x	0.1	NO_x	0.582		
80 ppb	NO	81.4	NO	81.49	± 2 ppb	No
	NO_2	1.0	NO_2	0.944		
	NO_x	82.4	NO_x	82.12		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	482	Moly Temp. (315 ± 5°C)	316.1	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	630	Span Gas Regulator Flow (psi)	30
NO_X Slope (1 ± 0.3)	1.126	NO Slope (1 ± 0.3)	1.117	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	6.8	NO Offset (-20 to 150)	0.1	*Dilution Calibrator Flow (lpm)	3.979

* Document actual value during span activities.

Operator Comments:

Operator Signature:

East Plant

SO_2 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.

DENVER • PORTLAND • LOS ANGELES

Operator: P. Madueno	Teledyne API T100 SO_2 Analyzer S/N	193	Verification Start Time	11:22
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	11:49
Date: 11/29/2016			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20- 30°C)	22.15

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.425	0.554	Zero Drift ≤ ±5 ppb	No
80 ppb	80	79.616	0.574	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.425	0.464	± 2 ppb	No
80 ppb	79.616	80.501	± 2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	460	Sample Press. (Ambient ± 2 in-Hg)	26.2	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4260.6	Lamp Ratio (30 - 120%)	112.8	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.118	BOX Temp. (Ambient ± 5°C)	33.6	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.3	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.359

* Document value during span activities.

Operator Comments:

Operator Signature:

East Plant

O_3 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Madueno	Teledyne API T400 O_3 Analyzer S/N	400	Calibration Start Time	11:52
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	12:18
Date: 11/29/2016			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	21.63

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	-0.0	0.5	Zero Drift ≤ ±5 ppb	0.5
80 ppb	80.1	81.3	0.4	Span Drift ≤ ±7%	80.1

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.5	1.14	± 2 ppb	No
80 ppb	80.1	80.172	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	752	Sample Temp. (10 - 50°C)	40.3	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	29.1	*Dilution Calibrator Flow (lpm)	4.000
Slope (1 ± 0.15)	1.037	O_3 Measure (2500 - 4800 mV)	2535.8		
Offset (0.0 ± 5 ppb)	4.4	O_3 Reference (2500 - 4800 mV)	2535.7		

* Document actual value during span activities.

Operator Comments:

Operator Signature:

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-06-2016 Time: 08:05 Operator: P. Madueno

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propeller and the wind direction vane are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The precipitation gauge is clean and free of bugs and dust.
✓		8. The datalogger is reading the correct time and day.
✓		9. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1m/s	0.71	0.592 +
Direction* 10m (deg)	S	350.406	58.4 ✱
Ambient Temperature (°C)	7°	6.99	7.06 +
Relative Humidity (%)	30%	30.29	28.1 +
Aspirated Temperature 2m	7°	6.92	7.01 +
Aspirated Temperature 10m	6°	7.36	7.4 +
Delta Temperature (°C)	N/A	0.34	0.395 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	47.32	51.5 +
Barometric Pressure (mmHg)	N/A	650.533	651 +
Battery Voltage (V)	N/A	11.80	11.9 +
Time (MST)	N/A	08:10	08:15 LIT +
Date	N/A	12-06-16	12/06/16 +

60.5 - 7:45
33.6 - 8:00
51.4 - 8:30
193 - 8:45

✱ 0.024" of precip. invalidated @ 08:15 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge, Filled evap pan

Site Operator Signature:

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-06-2016 Time: 08:17 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/06 BAM CAL Membrane 50%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-06-2016 Time: 08:12 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/06 BAM cal Membrane S %
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO 6.6 -

	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO 6.6 -

	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO 6.6 -

	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES NO 6.6 -

	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: [signature]

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Maduena	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	08:19
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	08:54
Date: 12-06-2016			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40 %	Shelter Temperature (20 - 30°C)	23.70

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	0.5	0.0	0.5	0.3	Zero Drift ≤ ±5 ppb	0.2
80 ppb	80	80.6	-1.1	79.6	0.6	Span Drift ≤ ±10 %	80.3

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-0.2	NO	-0.10	± 2 ppb	No
	NO_2	0.4	NO_2	0.54		
	NO_x	0.2	NO_x	0.56		
80 ppb	NO	80.6	NO	80.85	± 2 ppb	No
	NO_2	-0.3	NO_2	0.16		
	NO_x	80.3	NO_x	80.69		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	483	Moly Temp. (315 ± 5°C)	315.4	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	80	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	30
NO_X Slope (1 ± 0.3)	1.126	NO Slope (1 ± 0.3)	1.117	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	6.8	NO Offset (-20 to 150)	0.1	*Dilution Calibrator Flow (lpm)	3.479

* Document actual value during span activities.

Operator Comments:

Operator Signature: P. Maduena

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	08:56
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	09:29
Date: 12-06-2016			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40 %	Shelter Temperature (20 - 30°C)	22.32

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.304	0.548	Zero Drift ≤ ± 5 ppb	-0.409
80 ppb	80	80.050	0.214	Span Drift ≤ ± 10 %	80.293

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.409	-0.492	± 2 ppb	No
80 ppb	80.293	80.542	± 2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	460	Sample Press. (Ambient ± 2 in-Hg)	26.2	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4266.2	Lamp Ratio (30 - 120%)	112.8	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.123	BOX Temp. (Ambient ± 5°C)	33.5	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.9	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.985

* Document value during span activities.

Operator Comments:

Operator Signature:

East Plant

O_3 Level 2 Zero and Span Precision Check

Resolution Copper Mining

AIR SCIENCES INC

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Verification Start Time	09:33
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	09:57
Date: 12-06-2016			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	21.43

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.8	0.5	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.1	0.5	Span Drift ≤ ±7%	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.8	1.49	± 2 ppb	No
80 ppb	80.1	80.24	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	746	Sample Temp. (10 - 50°C)	41.0	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	29.2	*Dilution Calibrator Flow (lpm)	4.000
Slope (1 ± 0.15)	1.015	O_3 Measure (2500 - 4800 mV)	2532.2		
Offset (0.0 ± 5 ppb)	4.3	O_3 Reference (2500 - 4800 mV)	2532.1		

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Mad

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-13-16 ✓ Time: 09:02 ✓ Operator: P. Maducno ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	0.92	0.783 +
Direction* 10m (deg)	W	137.157	134 +
Ambient Temperature (°C)	14°	14.12	14.1 +
Relative Humidity (%)	48%	48.46	48.4 +
Aspirated Temperature 2m	14°	12.33	12.4 +
Aspirated Temperature 10m	13°	11.97	11.9 +
Delta Temperature (°C)	N/A	-0.42	-0.512 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	271.532	317 +
Barometric Pressure (mmHg)	N/A	655.206	655 +
Battery Voltage (V)	N/A	12.90	12.9 +
Time (MST)	N/A	09:08	09:15 C.T. +
Date	N/A	?	12/13/16 +

*0.02" of precip. indicated @ 09:15 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge, *filled evap pan. EG. EG

Site Operator Signature: Paul Maducno

R

East Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-13-16 Time: 09:15 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/13 BAM CAL Membrane S/O
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Mad

AIR SCIENCES INC.

East Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 12-13-16 Time: 09:11 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Mad

East Plant

NO_X Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Maduena	Teledyne API T200 NOx Analyzer S/N	197	Verification Start Time	09:18
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	09:50
Date: 12-13-16			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	22.26

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-1.1	4.6	3.6	0.6	Zero Drift ≤ ±5 ppb	No
80 ppb	80	79.2	1.0	80.2	0.5	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-1.1	NO	-0.86	± 2 ppb	No
	NO_2	4.6	NO_2	4.70		
	NO_x	3.6	NO_x	3.72		
80 ppb	NO	79.2	NO	79.10	± 2 ppb	No
	NO_2	1.0	NO_2	1.30		
	NO_x	80.2	NO_x	80.13		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	486	Moly Temp. (315 ± 5°C)	314.4	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	81	HVPS (400 - 900 V)	631	Span Gas Regulator Flow (psi)	30
NO_X Slope (1 ± 0.3)	1.090	NO Slope (1 ± 0.3)	1.118	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	1.5	NO Offset (-20 to 150)	1.6	*Dilution Calibrator Flow (lpm)	3.962

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Maduena

East Plant

SO_2 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Madueno	Teledyne API T100 SO_2 Analyzer S/N	193	Verification Start Time	09:52
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	10:20
Date: 12-13-16			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20- 30°C)	22.33

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	-0.405	0.427	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.545	0.402	Span Drift ≤ ±10 %	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	-0.405	-0.165	±2 ppb	No
80 ppb	80.545	80.569	±2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	461	Sample Press. (Ambient ± 2 in-Hg)	26.4	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4274.5	Lamp Ratio (30 - 120%)	113.0	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.123	BOX Temp. (Ambient ± 5°C)	33.3	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.3	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.985

* Document value during span activities.

Operator Comments:

Operator Signature: Paul Maduena

East Plant

O_3 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • FORT COLLINS • LOS ANGELES

Operator: P. Maduena	Teledyne API T400 O_3 Analyzer S/N	224	Calibration Start Time	10:22
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	10:50
Date: 12-13-16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	23.31

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	0.1	0.3	Zero Drift ≤ ±5 ppb	0.2
80 ppb	80	79.9	0.5	Span Drift ≤ ±7%	80.0

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.2	0.92	± 2 ppb	No
80 ppb	80.0	80.96	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	760	Sample Temp. (10 - 50°C)	39.9	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	28.5	*Dilution Calibrator Flow (lpm)	4.000
Slope (1 ± 0.15)	1.019	O_3 Measure (2500 - 4800 mV)	2529		
Offset (0.0 ± 5 ppb)	4.0	O_3 Reference (2500 - 4800 mV)	2528.8		

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul C Mad

East Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12/20/16 Time: 09:24 Operator: P. Madueno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	6 m/s	6.04	5.22 +
Direction* 10m (deg)	W	90.06	66.4 *
Ambient Temperature (°C)	9°	9.03	8.95 +
Relative Humidity (%)	30%	31.77	32 +
Aspirated Temperature 2m	9°	8.81	8.77 +
Aspirated Temperature 10m	8°	8.83	8.82 +
Delta Temperature (°C)	N/A	0.02	0.05 +
Solar Radiation (w/m²)	Sunny / Partly cloudy / Cloudy	77.29	87 +
Barometric Pressure (mmHg)	N/A	659.913	660 +
Battery Voltage (V)	N/A	12.31	12.5 +
Time (MST)	N/A	09:29	08:30 L.T. +
Date	N/A	12-20-16	12/20/16 +

67.7 - 8:00
67.3 - 8:15
67.2 - 8:45
64.5 - 9:00

* 0.016" of precip. invalidated @ 08:30 hrs! 66.

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge*, Filled evap pan.

Site Operator Signature: Paul Madueno

East Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12/20/2016 Time: 08:38 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

East Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12/20/16 Time: 09:33 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/20 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out; the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check yes if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Maduena

East Plant

NO_X Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.
DENVER • PORTLAND • LOS ANGELES

Operator: P. Maduena	Teledyne API T200 NO_X Analyzer S/N	197	Calibration Start Time	08:43
Date: 12-20-16	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	09:22
			T200 Analyzer Range	500
	NIST-Traceable Gas Conc.	40%	Shelter Temperature (20 - 30°C)	22.81

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	NO Response	NO_2 Response	NO_X Response	Analyzer Stability	Acceptance Criteria	Final NO_X/Zero Response
Zero Air	0	-0.8	1.7	0.8	0.5	Zero Drift ≤ ±5 ppb	0.6
80 ppb	80	75.2	1.1	76.2	0.3	Span Drift ≤ ±10 %	79.1

Low before hitting SPAN

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)		Logger Response (ppb)		Acceptance Criteria	Adjustment Required?
Zero Air	NO	-0.1	NO	0.14	± 2 ppb	No
	NO_2	0.7	NO_2	0.76		
	NO_x	0.6	NO_x	0.74		
80 ppb	NO	80.4	NO	80.84	± 2 ppb	No
	NO_2	-1.4	NO_2	-1.20		
	NO_x	79.1	NO_x	79.43		

Analyzer Parameters

Sample Flow (500 ± 50 cc/min)	498	Moly Temp. (315 ± 5°C)	314.2	Span Gas Tank Pressure (psi)	1400
Ozone Flow (80 ± 15 cc/min)	81	HVPS (400 - 900 V)	631	Span Gas Regulator Pressure (psi)	30
NO_X Slope (1 ± 0.3)	1.090	NO Slope (1 ± 0.3)	1.118	Zero Air Generator Pressure (psi)	30
NO_X Offset (-20 to 150)	1.5	NO Offset (-20 to 150)	1.6	*Dilution Calibrator Flow (lpm)	3.980

* Document actual value during span activities.

Operator Comments:

As Found Span Results For NO_X of 76.2 is within 10% of acceptance criteria (72 - 88)
R. Ammerman

Operator Signature: P. Maduena

East Plant

SO_2 Level 1 Zero and Span Check
Resolution Copper Mining

AIR SCIENCES INC.

Operator: P. Maduena	Teledyne API T100 SO_2 Analyzer S/N	193	Calibration Start Time	09:25
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Calibration Stop Time	10:00
Date: 12-20-16			T100 Analyzer Range	500
	NIST-Traceable Gas Conc.	40	Shelter Temperature (20 - 30°C)	24.10

Biweekly Manual Level 1 Zero and Span Check

Target Dilution (ppb)	Actual Target Dilution Generated	SO_2 Response	Analyzer Stability	Acceptance Criteria	Final Response
Zero Air	0	-0.378	0.485	Zero Drift ≤ ±5 ppb	0.036
80 ppb	80	80.202	0.207	Span Drift ≤ ±10 %	80.062

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.036	0.331	± 2 ppb	No
80 ppb	80.062	80.469	± 2 ppb	No

Analyzer Parameters

Sample Flow (550 ± 10%)	457	Sample Press. (Ambient ± 2 in-Hg)	26.6	Span Gas Tank Pressure (psi)	1400
UV Lamp (1000 - 4800 mV)	4294.2	Lamp Ratio (30 - 120%)	113.6	Span Gas Regulator Pressure (psi)	30
Slope (1 ± 0.3)	1.123	BOX Temp. (Ambient ± 5°C)	33.9	Zero Air Generator Pressure (psi)	30
Offset (< 250 mV)	26.9	HVPS (400 - 900 V)	571	* Dilution Calibrator Flow (lpm)	3.981

* Document value during span activities.

Operator Comments:

Operator Signature: Paul Mad

East Plant

O_3 Level 2 Zero and Span Precision Check
Resolution Copper Mining

AIR SCIENCES INC.
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Operator: P. Machuca	Teledyne API T400 O_3 Analyzer S/N	224	Verification Start Time	10:05
	Teledyne API T700 Primary Standard Dilution Calibrator S/N	816	Verification Stop Time	10:33
Date: 12-20-16			T400 Analyzer Range	500
			Shelter Temperature (20 - 30°C)	24.5

Biweekly Manual Level 2 Zero and Span Precision Check

Target Dilution (ppb)	Actual Target Dilution Generated	O_3 Response	Analyzer Stability	Acceptance Criteria	Adjustment Required?
Zero Air	0	0.5	0.6	Zero Drift ≤ ±5 ppb	No
80 ppb	80	80.5	0.6	Span Drift ≤ ±7%	No

Real-Time Analyzer vs. Logger Data Comparison

Target Dilution (ppb)	Analyzer Response (ppb)	Logger Response (ppb)	Acceptance Criteria	Adjustment Required?
Zero Air	0.5	1.37	± 2 ppb	No
80 ppb	80.5	80.67	± 2 ppb	No

Analyzer Parameters

Sample Flow (800± 80 cc/min)	756	Sample Temp. (10 - 50°C)	40.9	Zero Air Generator (psi)	30
Photo Lamp (58 ± 1°C)	58.0	BOX Temp. (10 to 50°C)	29.6	*Dilution Calibrator Flow (lpm)	4.000
Slope (1 ± 0.15)	1.026	O_3 Measure (2500 - 4800 mV)	2521.2		
Offset (0.0 ± 5 ppb)	4.0	O_3 Reference (2500 - 4800 mV)	2522.1		

* Document actual value during span activities.

Operator Comments:

Operator Signature: Paul Machuca

Appendix E – West Plant Site Check Forms

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-05-2016 Time: 1:59 pm Operator: P. Maducno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	4m/s	3.99	4.54 +
Direction* 10m (deg)	E	240.59	247 +
Ambient Temperature (°C)	28°	27.59	27.6 +
Relative Humidity (%)	15%	15.19	15.1 +
Aspirated Temperature 2m	28°	27.19	27.1 +
Aspirated Temperature 10m	27°	26.20	26 +
Delta Temperature (°C)	N/A	-0.91	-1.12 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	740,338	730 +
Barometric Pressure (mmHg)	N/A	682.357	682 +
Battery Voltage (V)	N/A	12.77	12.8 +
Time (MST)	N/A	2:08	14:15 - LT +
Date	N/A	10-05-16	10/05/16 +

*Direction wind is from

* Data don't indicate precip. and/or evap pan refill! 66.

Comments/ Unusual Occurrences or Weather: Triggered precip, Filled evap pan. *

Site Operator Signature: Paul Mad

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-05-2016 Time: 2:12 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/05 BAM Ctl Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC.

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 10-05-2016 Time: 2:17 Operator: P. Maduena

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months). 10/05
✓		6.	Error log was checked (F3), and errors followed up on (see manual). Flow AT Dissconnected
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
✓		2.	Ran the Self-Test function.

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: Replaced Ambient Temp/Baro Sensor.
*PM2.5 Conc. + flow invalidated for 15:00 hrs

Signature: Paul Maduena

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-12-16 Time: 10:36 Operator: P. Middleton

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	1.12	2.59 +
Direction* 10m (deg)	5	175.80	202 *
Ambient Temperature (°C)	30°	30.93	31 +
Relative Humidity (%)	10%	10.65	10.4 +
Aspirated Temperature 2m	30°	29.66	29.5 +
Aspirated Temperature 10m	29°	28.04	27.7 +
Delta Temperature (°C)	N/A	-1.55	-1.74 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	773.492	771 +
Barometric Pressure (mmHg)	N/A	686.515	687 +
Battery Voltage (V)	N/A	12.70	12.7 +
Time (MST)	N/A	10:43	10:45 - LT +
Date	N/A	10-12-16	10/12/16 +

211 - 10:15
181 - 10:50
212 - 11:00
156 - 11:15

*Direction wind is from * 0.059" of precip. inundated @ 10:45 hrs! 66

Comments/Unusual Occurrences or Weather: Filled evap pan, Triggered precip gauge.

Site Operator Signature:

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-12-16 Time: 10:45 Operator: P. MADUENO

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/12 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 10-12-16 Time: 10:49 am Operator: P. Maduena

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/12 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet flow check performed.
✓		2.	Visual inspection and dust removal.
✓		3.	Leak check performed.
✓		4.	PM_{10} particle trap cleaned.
✓		5.	Inlet nozzle and nozzle are cleaned.

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
✓		2.	Ran the Self-Test function.

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	~	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	~	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	~	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	~	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: 10/14 @ 5:00 pm 72 hr. Background Check was performed. ✓ 66.

Signature: [signature]

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-19-16 Time: 1:08 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	4m/s	5.12	5.2 +
Direction* 10m (deg)	SE	316.828	355 ✱
Ambient Temperature (°C)	30°	31.18	30.8 +
Relative Humidity (%)	10%	12.98	12 +
Aspirated Temperature 2m	30°	30°	29.9 +
Aspirated Temperature 10m	29°	28.63	28.8 +
Delta Temperature (°C)	N/A	-1.69	-1.18 +
Solar Radiation (w/m²)	Sunny / Partly cloudy / Cloudy	753.108	757 +
Barometric Pressure (mmHg)	N/A	684.956	685 +
Battery Voltage (V)	N/A	12.72	12.7 +
Time (MST)	N/A	1:13	13:15 CJ +
Date	N/A	10-19-16	10/19/16 +

110 - 12:45
322 - 13:00
328 - 13:50
338 - 13:45

*Direction wind is from

✱ 0.126" of precip. inadvertently recorded @ 13:45 hrs! CC.

Comments/Unusual Occurrences or Weather: Trigger precip gauge, Filled evap pan.

Site Operator Signature:

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-19-2016 Time: 1:19 Operator: P. Madueno

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/19 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC.

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 10-19-2016 Time: 1:26 Operator: P. Madueno

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet flow check performed.
✓		2.	Visual inspection and dust removal.
✓		3.	Leak check performed.
✓		4.	PM_{10} particle trap cleaned.
✓		5.	Inlet nozzle and nozzle are cleaned.

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
✓		2.	Ran the Self-Test function.

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: Input new BKGD value 0.0029.

* PM2.5 conc/flow invalidated from 17:00 hrs. on 10/14/16 through 14:00 hrs. on 10/19/16!

Signature:

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10/26/2016 Time: 11:33 Operator: P. Maduena

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propeller and the wind direction vane are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The precipitation gauge is clean and free of bugs and dust.
✓		8. The datalogger is reading the correct time and day.
✓		9. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2m/s	3.68	2.53 +
Direction* 10m (deg)	W	74.34	116 *
Ambient Temperature (°C)	32°	32.07	31.6 +
Relative Humidity (%)	20%	21.20	21.9 +
Aspirated Temperature 2m	32°	30.78	30.3 +
Aspirated Temperature 10m	31°	28.97	28.6 +
Delta Temperature (°C)	N/A	-2.11	-1.69 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	755.610	757 +
Barometric Pressure (mmHg)	N/A	687.709	688 +
Battery Voltage (V)	N/A	12.68	12.7 +
Time (MST)	N/A	11:37	11:30 L.T. +
Date	N/A	10/26/2016.	10/26/16 +

98.6 -
91.8 -
98.2 -
144 -

*Direction wind is from * 0.043" of precip. indicated @ 11:45 hrs! GG

Comments/Unusual Occurrences or Weather: Triggered precip gauge, Filled evap pan.

Site Operator Signature:

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/26/2016 Time: 11:39 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/26 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/26/2016 Time: 11:44 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/26 BAM CAL Membrane 50%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC

Monthly Flow Verification PM_{10}

West Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 PM_{10}: S/N: M8712
Firmware:
Calibrator: Delta Cal S/N: 1034

Date of Flow Audit: 10/27/2016
Time of Flow Audit: 11:37

	BAM	STD
Ambient Temperature (AT) °C	32.4	32.5
Barometric Pressure (BP) mmHg	685	685.5

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.00	0
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.3	0.5	18.32	0.1
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.6	0.6	16.64	0.2
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:
(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)
(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.5	**Should be < 1.0 LPM**

Comments/Abnormalities: self test passed.
PM10 Conc. + flow initiated for 11:00 and 15:00 hrs!

Signature:

AIR SCIENCES INC

Monthly Flow Verification $PM_{2.5}$

West Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 $PM_{2.5}$: S/N: M8193
Firmware:
Calibrator: Delta Cal S/N: 1034

Date of Flow Audit: 10/27/2016
Time of Flow Audit: 12:00 pm

	BAM	STD
Ambient Temperature (AT) °C	32.1	33.2
Barometric Pressure (BP) mmHg	683	685

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.02	0.1
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.60	1.1
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.78	0.5
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:
(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)
(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.5	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.
* PM2.5 conc. + flow invalidated for 11:00 through 13:00 hrs!

Signature: Paul Mal

66

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11-02-2016 Time: 12:53 Operator: P. Madruena

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propeller and the wind direction vane are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The precipitation gauge is clean and free of bugs and dust.
✓		8. The datalogger is reading the correct time and day.
✓		9. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2m/s	1.84	3.68 ✓
Direction* 10m (deg)	W	86.45	130 ✓
Ambient Temperature (°C)	25°	26.77	26.6 ✓
Relative Humidity (%)	22%	22.53	22.9 ✓
Aspirated Temperature 2m	25°	24.78	25.6 ✓
Aspirated Temperature 10m	24°	23.62	23.9 ✓
Delta Temperature (°C)	N/A	-1.08	-1.65 ✓
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	708.531	715 ✓
Barometric Pressure (mmHg)	N/A	683.904	684 ✓
Battery Voltage (V)	N/A	12.77	12.8 ✓
Time (MST)	N/A	12:57	13:00 LT ✓
Date	N/A	11-2-16	11/02/16 ✓

170 - 17:30
155 - 12:45
172 - 13:15
150 - 13:30

*Direction wind is from

✱ 0.079" of precip. inundated @ 13:00 hrs! GG.

Comments/Unusual Occurrences or Weather: Triggered precip, filled evap pan. ✓

Site Operator Signature:

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11-2-16 Time: 1:02 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/02 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC

West Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

Date: 11/02/16 Time: 1:05 Operator: P. Maduenes

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/02 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11-08-2016 Time: 2:24 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	4m/s	3.37	4.65 +
Direction* 10m (deg)	SW	106.525	87.2 +
Ambient Temperature (°C)	25°	26.97	26.9 +
Relative Humidity (%)	18.%	18.35	17.5 +
Aspirated Temperature 2m	25°	26.65	26.5 +
Aspirated Temperature 10m	24	25.91	25.8 +
Delta Temperature (°C)	N/A	-0.61	-0.677 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	515.787	530 +
Barometric Pressure (mmHg)	N/A	688.465	688 +
Battery Voltage (V)	N/A	12.77	12.8 +
Time (MST)	N/A	2:28	14:30 CT +
Date	N/A	11-08-16	11/08/16 +

*Direction wind is from

* 0.099" of precip invalidated @ 14:45 hrs!

Comments/Unusual Occurrences or Weather: Triggered precip gauge, Filled evap pan

Site Operator Signature: Paul Mach

West Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11-08-2016 Time: 2:31 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/08 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: Paul Mad

West Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11-08-2016 Time: 2:37 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/08 BkM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: Paul Mach

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11-17-2016 Time: 12:07 Operator: P. Mackenzie

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	4 m/s	3.37	3.33 ✓
Direction* 10m (deg)	E	243.176	255 ✓
Ambient Temperature (°C)	17°	17.84	17.8 ✓
Relative Humidity (%)	12°	13.06	12.7 ✓
Aspirated Temperature 2m	17°	16.69	16.7 ✓
Aspirated Temperature 10m	16°	15.43	15.5 ✓
Delta Temperature (°C)	N/A	-1.25	-1.23 ✓
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	689.705	690 ✓
Barometric Pressure (mmHg)	N/A	683.588	684 ✓
Battery Voltage (V)	N/A	12.87	12.9 ✓
Time (MST)	N/A	12:12	12:15 ✓
Date	N/A	11-17-2016	11/17/16 ✓

*Direction wind is from

* 0.039" of precip. immediately @ 12:15 hrs! GG.

Comments/Unusual Occurrences or Weather: Triggered precip gauge*, filled evap pan. ✓

Site Operator Signature:

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11-17-16 Time: 12:14 Operator: P. Machuca

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/17 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	~	1.	Inlet flow check performed.
	~	2.	Visual inspection and dust removal.
	~	3.	Leak check performed.
	~	4.	PM_{10} particle trap cleaned.
	~	5.	Inlet nozzle and nozzle are cleaned.

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	~	1.	Filter tape replaced.
	~	2.	Ran the Self-Test function.

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	~	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	~	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	~	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	~	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC.

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 10-17-16 Time: 12:18 Operator: P. Maducena

I. BAM SAMPLER – Weekly Checks.

YES	NO	
✓		1. The sampler is intact and the inlet head is unobstructed.
✓		2. The vacuum pump is running and sounds normal.
✓		3. The temperature shield is intact, and the sensor is inside of it.
✓		4. The BAM is reading the correct time and day.
✓		5. The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6. Error log was checked (F3), and errors followed up on (see manual). 11/17 BAM CAL Membrane SR
✓		7. Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO	
	✓	1. Inlet flow check performed.
	✓	2. Visual inspection and dust removal.
	✓	3. Leak check performed.
	✓	4. PM_{10} particle trap cleaned.
	✓	5. Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO	
	✓	1. Filter tape replaced.
	✓	2. Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO	
	✓	1. Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2. Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO	
	✓	1. Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2. Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/23/2016 Time: 10:36 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	W	140.280 ✓	5.71 ✓
Direction* 10m (deg)	8m/s	7.37 ✓	82.5 ✓
Ambient Temperature (°C)	18°	18.80	18.7 +
Relative Humidity (%)	29°	28.66	29.5 +
Aspirated Temperature 2m	18°	17.92	17.9 +
Aspirated Temperature 10m	17°	16.92	17 +
Delta Temperature (°C)	N/A	-0.91	-0.833 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	600.697	596 +
Barometric Pressure (mmHg)	N/A	687.748	688 +
Battery Voltage (V)	N/A	12.87	12.9 +
Time (MST)	N/A	10:42	10:45 L.T. +
Date	N/A	11/23/2016	11/23/16 +

6.65 - 10:15
5.27 - 10:30
6.15 - 11:00
7.18 - 11:15

46.4 - 10:15
57.4 - 10:30
102 - 11:00
100 - 11:15

*Direction wind is from

✓ 0.035" of precip. manually entered @ 10:45 hrs! EG.

Comments/Unusual Occurrences or Weather: Triggered precip gauge ✓ +2 filter tapes ✓

Site Operator Signature: Paul Mad

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/23/2016 Time: 10:49 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/23 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Inlet flow check performed.
	–	2.	Visual inspection and dust removal.
	–	3.	Leak check performed.
	–	4.	PM_{10} particle trap cleaned.
	–	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Filter tape replaced.
	–	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	–	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	–	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/23/2016 Time: 10:55 Operator: P. Madrigal

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/23 BAM CAL Membrane 50%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/28/16 Time: 1:49 Operator: P. Madueno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	5m/s	4.60	5.31 +
Direction* 10m (deg)	E	224.082	226 P
Ambient Temperature (°C)	10°	11.77	11.5 +
Relative Humidity (%)	45%	46.20	48.1 +
Aspirated Temperature 2m	10°	11.16	10.8 +
Aspirated Temperature 10m	9°	9:89	9.67 +
Delta Temperature (°C)	N/A	-1.22	-1.15 +
Solar Radiation (w/m²)	Sunny (Partly cloudy) Cloudy	429.327	350 +
Barometric Pressure (mmHg)	N/A	680.433	680 +
Battery Voltage (V)	N/A	13.01	13 +
Time (MST)	N/A	1:54	14:00 LT +
Date	N/A	11/28/16	11/28/16 +

*Direction wind is from

0.032" of precip. manually added @ 14:30 hrs! 06

Comments/Unusual Occurrences or Weather: Triggered precip gauge ✓ Filled evap ✓ pans

Site Operator Signature: Paul Madueno

West Plant

BAM PM_{10} WEEKLY SITE CHECK FORM

Resolution Copper Mining

AIR SCIENCES INC.

12/05/16 GG - 12:49 GG

Date: 11/28/2016 Time: 1:56 Operator: Pa Maducno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/28 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet flow check performed.
✓		2.	Visual inspection and dust removal.
✓		3.	Leak check performed.
✓		4.	PM_{10} particle trap cleaned.
✓		5.	Inlet nozzle and nozzle arc cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
✓		2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

GG

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

GG

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: Monthly Flow Verification, Self Test Passed ✓

GG

Signature: Paul Maducno

AIR SCIENCES INC

Monthly Flow Verification PM_{10}

West Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 PM_{10}: S/N: M8712
Firmware:
Calibrator: Delta Cal S/N: 1034

Date of Flow Audit: 12-05-2016
Time of Flow Audit: 12:49 pm

	BAM	STD
Ambient Temperature (AT) °C	19.9	20.0
Barometric Pressure (BP) mmHg	681	681.5

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.1	0.7
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.37	0.2
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.71	0.1
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:
(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)
(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.4	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.
* PM10 cont. flow invalidated for 13:00 and 14:00 hrs!

Signature:

West Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/29/16 Time: 2:00 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/28 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet flow check performed.
✓		2.	Visual inspection and dust removal.
✓		3.	Leak check performed.
✓		4.	PM_{10} particle trap cleaned.
✓		5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
✓		2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: Monthly Flow Verification, Self Test Passed

Signature: Paul Mad

Monthly Flow Verification $PM_{2.5}$

West Plant

PARTICULATE MONITORING PROJECT

Met One BAM 1020 $PM_{2.5}$: S/N: M8193

Firmware:

Calibrator: Delta CAL S/N: 1034

Date of Flow Audit: 11/20/16

Time of Flow Audit: 2:36

	BAM	STD
Ambient Temperature (AT) °C	9.9	11.6
Barometric Pressure (BP) mmHg	675	678.5

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.08	0.5
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.66	1.4
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.85	0.9
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:

(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)

(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.0	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.

* PM2.5 conc. + flow invalidated for 15:00 hrs!

Signature:

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12/07/2016 ✓ Time: 09:57 ✓ Operator: P. Maducmo ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	3m/s	2.35	1.18 +
Direction* 10m (deg)	N	167.884	200 *
Ambient Temperature (°C)	17°	16.46	15.5 +
Relative Humidity (%)	45%	47.02	51 +
Aspirated Temperature 2m	17°	14.66	13.2 +
Aspirated Temperature 10m	16°	12.95	12.5 +
Delta Temperature (°C)	N/A	-1.58	-0.718 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	491.728	448 +
Barometric Pressure (mmHg)	N/A	685.925	686 +
Battery Voltage (V)	N/A	12.90	12.9 +
Time (MST)	N/A	10:04	10:00 LT +
Date	N/A	12/07/2016	12/07/16 +

136 - 9:30
185 - 9:45
191 - 10:15
187 - 10:30

* 0.035" of precip. manually added @ 10:15 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge * Filled evap pan. ✓ GG

Site Operator Signature:

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12/07/2016 Time: 10:06 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/07 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Inlet flow check performed.
	–	2.	Visual inspection and dust removal.
	–	3.	Leak check performed.
	–	4.	PM_{10} particle trap cleaned.
	–	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Filter tape replaced.
	–	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	–	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	–	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC

Date: 12/07/2016 Time: 10:10 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/07 BAM CAL Membrane S°G
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
		2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-13-16 ✓ Time: 08:13 ✓ Operator: P. Maduena ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	0.61	1.58 +
Direction* 10m (deg)	E	281.009	218 *
Ambient Temperature (°C)	140	13.24	13.4 +
Relative Humidity (%)	55%	55.87	55.2 +
Aspirated Temperature 2m	140	12.30	12.5 +
Aspirated Temperature 10m	130	12.61	12.8 +
Delta Temperature (°C)	N/A	0.24	0.324 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	64.82	48 +
Barometric Pressure (mmHg)	N/A	687.466	687 +
Battery Voltage (V)	N/A	12.29	12.1 +
Time (MST)	N/A	08:19	08:15 L.T. +
Date	N/A	12-13-16	12/13/16 +

77.5 - 7:45
157 - 8:00
264 - 8:30
106 - 8:45

* 0.047" of precip. invalidated @ 08:30 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge*, Filled evap pan.

Site Operator Signature: Paul Mad

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-13-16 Time: 08:21 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/13 Tape Tension.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO GG

	✓	1.	Filter tape replaced.
✓		2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO GG

	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES NO GG

	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: Fixed filter tape break, Self test passed. ✓ GG

Signature: Paul Mad

AIR SCIENCES INC.

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 12-13-16 Time: 08:29 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/13 BAM CAL Membrane 5%
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

2

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: Paul Mad

West Plant
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12/20/16 ✓ Time: 11:40 ✓ Operator: P. Maduenus ✓

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propeller and the wind direction vane are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The precipitation gauge is clean and free of bugs and dust.
✓		8. The datalogger is reading the correct time and day.
✓		9. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	3m/s	4.30	3.23 +
Direction* 10m (deg)	SW	67.60	106 ✱
Ambient Temperature (°C)	18°	18.30	18.7 +
Relative Humidity (%)	20%	20.72	20.1 +
Aspirated Temperature 2m	18°	17.81	17.8 +
Aspirated Temperature 10m	17°	17.23	17.1 +
Delta Temperature (°C)	N/A	-0.67	-0.858 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	479.910	543 +
Barometric Pressure (mmHg)	N/A	691.078	691 +
Battery Voltage (V)	N/A	12.85	12.9 +
Time (MST)	N/A	11:46	11:45 - 1 +
Date	N/A	12-20-16	12/20/16 +

95.3 - 11:15
68.1 - 11:30
114 - 12:00
174 - 12:15

*Direction wind is from ✱ 0.039" of precip. recorded @ 12:00 hrs! ≤.6

Comments/Unusual Occurrences or Weather: Triggered precip gauge ✓ ✱

Site Operator Signature: [signature]

West Plant
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-20-16 Time: 11:51 Operator: P. Machuca

I. BAM SAMPLER – Weekly Checks.

YES	NO	
✓		1. The sampler is intact and the inlet head is unobstructed.
✓		2. The vacuum pump is running and sounds normal.
✓		3. The temperature shield is intact, and the sensor is inside of it.
✓		4. The BAM is reading the correct time and day.
✓		5. The tape is in the proper position and does not need to be changed (tape should be changed every 2 months). 12/20
✓		6. Error log was checked (F3), and errors followed up on (see manual). BAM CAL Membrane 5%
✓		7. Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

GC

YES	NO	
	✓	1. Inlet flow check performed.
	✓	2. Visual inspection and dust removal.
	✓	3. Leak check performed.
	✓	4. PM_{10} particle trap cleaned.
	✓	5. Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

GC

YES	NO	
	✓	1. Filter tape replaced.
	✓	2. Ran the Self-Test function.

R

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

GC

YES	NO	
	✓	1. Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2. Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

GC

YES	NO	
	✓	1. Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2. Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC

West Plant

BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM

Resolution Copper Mining

Date: 12-20-16 Time: 11:57 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 12/20 BAM CAL Membrane S/O
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet flow check performed.
	✓	2.	Visual inspection and dust removal.
	✓	3.	Leak check performed.
	✓	4.	PM_{10} particle trap cleaned.
	✓	5.	Inlet nozzle and nozzle are cleaned.

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced.
	✓	2.	Ran the Self-Test function.

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences).
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences).

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences).
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences).

Comments/Unusual Occurrences: _____

Signature: Paul Maduena

Appendix F – Hewitt Station Site Check Forms

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-06-2016 Time: 10:25 Operator: P. Madonna

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propellers and the wind direction vanes are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The datalogger is reading the correct time and day.
✓		8.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1m/s	0.61	0.981 ✓
Direction* 10m (deg)	W	207.456	47.2 ✗
Speed 20m (m/s)	2m/s	0.40	1.1 ✓
Direction* 20m (deg)	W	94.61	36.5 ✗
Ambient Temperature (°C)	29°	28.22	27.6 ✓
Relative Humidity (%)	30%	31.91	33.2 ✓
Aspirated Temperature 2m	29°	26.93	27 ✓
Aspirated Temperature 10m	28°	26.30	26 ✓
Delta Temperature (°C)	N/A	-0.84	-0.934 ✓
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	720.709	682 ✓
Barometric Pressure (mmHg)	N/A	699.777	700 ✓
Battery Voltage (V)	N/A	12.69	12.7 ✓
Time (MST)	N/A	10:30	10:30 - C.J. ✓
Date	N/A	10-06-16	10/06/16 ✓

97.1 - 10:00
181 - 10:15
255 - 10:45
97.1 - 10:00
181 - 10:15
250 - 10:45

*Direction wind is from

Comments/Unusual Occurrences or Weather: Data Download 09/29 - 10/06 (10:47) ✓ 66.
New program added, and new Data Download (11:06) ✓

Site Operator Signature: [signature]

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 10-06-2016 Time: 10:32 Operator: P. Maduena

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.34
Ambient Temp °C	29,10
Heater ON or OFF as Found	off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	OKAY
Fuel Level	Empty (¼) ½ ¾ Full
Date	10-06-2016
Time	10:39

Comments/Unusual Occurrences:

Data Download 09/29 - 10/06

66

Operator Signature: Paul Maduena

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-14-16 Time: 2:57 Operator: P. Maduena

YES	NO
✓	
✓	
✓	
✓	
✓	
✓	
✓	
✓	
✓	

1. The tower is intact and upright.
2. The anemometer propellers and the wind direction vanes are turning freely.
3. All temperature shields are intact, and the probes are inside their shields.
4. The aspirator fans are operating.
5. The solar radiation sensor is level and has been cleaned.
6. The solar panel is facing south and is clean.
7. The datalogger is reading the correct time and day.
8. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
9. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	3m/s	3.68	2.58 +
Direction* 10m (deg)	S	326.33	271 ✱
Speed 20m (m/s)	3m/s	3.37	2.7 +
Direction* 20m (deg)	S	307.52	274 ✱
Ambient Temperature (°C)	33°	33.37	33.8 +
Relative Humidity (%)	9%	9.15	10.2 +
Aspirated Temperature 2m	33°	33.07	32.8 +
Aspirated Temperature 10m	32°	32.25	32.3 +
Delta Temperature (°C)	N/A	-0.85	-0.45 +
Solar Radiation (w/m²)	~~Sunny~~ Partly cloudy Cloudy	532.007	556 +
Barometric Pressure (mmHg)	N/A	375.030	575 !
Battery Voltage (V)	N/A	12.66	12.7 +
Time (MST)	N/A	3:03	15:00 L.T. +
Date	N/A	10-14-16	10/14/16 +

293 - 14:30
250 - 14:45
290 - 15:15
277 - 15:30

292 - 14:30
254 - 14:45
293 - 15:15
281 - 15:30

Program issue!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Data Download 10/06 - 10/14

Site Operator Signature:

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 10-14-16 Time: 3:06 Operator: P. Madonna

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	13.15
Ambient Temp °C	34.60
Heater ON or OFF as Found	Off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	Okay
Fuel Level	Empty ¼ ½ ¾ Full
Date	10-14-16
Time	3:14

Comments/Unusual Occurrences:

Data Download 10/06 - 10/14

Operator Signature:

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-17-2016 Time: 11:01 Operator: P. Maduena

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propellers and the wind direction vanes are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The datalogger is reading the correct time and day.
✓		8. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	3m/s	2.56	2.64 +
Direction* 10m (deg)	NE	206.916	201 +
Speed 20m (m/s)	3m/s	2.95	3.02 +
Direction* 20m (deg)	NE	208.643	199 +
Ambient Temperature (°C)	30°	29.49	29.5 +
Relative Humidity (%)	19%	18.62	17.2 +
Aspirated Temperature 2m	30°	29.19	28.8 +
Aspirated Temperature 10m	29°	28.07	28.3 +
Delta Temperature (°C)	N/A	-0.98	-0.549 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	724.649	707 +
Barometric Pressure (mmHg)	N/A	375.030 !	375 ! + Program issue!
Battery Voltage (V)	N/A	12.66	12.7 +
Time (MST)	N/A	11:06	11:00 - L.T. +
Date	N/A	10-17-2016	10/17/16 +

*Direction wind is from

0.02" of precip. indicated @ 11:00 hrs! 66

Comments/Unusual Occurrences or Weather: Data Download 10/14 - 10/17 (11:22)
10/18) New Program entered and Data Downloaded 10/14-10/18 (9:31)
Triggered precip gauge. ✓ 66

Site Operator Signature: Paul Maduena

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 10-17-2016 Time: 11:08 Operator: P. MADUENO

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	13.17
Ambient Temp °C	30.20
Heater ON or OFF as Found	off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	OKay
Fuel Level	Empty (1/4) 1/2 3/4 Full
Date	10-17-2016
Time	11:15 am

Comments/ Unusual Occurrences:

Data Download 10/14 - 10/17

Operator Signature: Paul Mad

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10/27/2016 Time: 10:33 Operator: P. Madueno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propellers and the wind direction vanes are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The datalogger is reading the correct time and day.
✓		8.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	5 m/s	4.91	4.71 ✓
Direction* 10m (deg)	SW	81.13	85.4 ✓
Speed 20m (m/s)	5 m/s	4.91	5.02 ✓
Direction* 20m (deg)	SW	66.24	84.9 ✓
Ambient Temperature (°C)	31°	32.57	32.6 ✓
Relative Humidity (%)	15%	16.75	16.8 ✓
Aspirated Temperature 2m	31°	32.35	32.3 ✓
Aspirated Temperature 10m	30°	31.90	31.8 ✓
Delta Temperature (°C)	N/A	-0.44	-0.481 ✓
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	563.640	584 ✓
Barometric Pressure (mmHg)	N/A	704.641	705 ✓
Battery Voltage (V)	N/A	12.72	12.7 ✓
Time (MST)	N/A	10:30 am	10:45 LT ✓
Date	N/A	10/27/2016	10/27/16 ✓

* 0.02" of precip. mobilized @ 10:45 hrs!

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge. Data Download 10/17 - 10/27 (10:53)

Site Operator Signature: Paul Madueno

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 10/26/2016 Time: 10:40 Operator: P. Maduena

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.31
Ambient Temp °C	32.40
Heater ON or OFF as Found	off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	OK
Fuel Level	Empty (¼) ½ ¾ Full
Date	10/27/2016
Time	

Comments/Unusual Occurrences:

Data Download 10/17 - 10/27

Operator Signature: Paul Madu

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/3/2016 ✓ Time: 09:56 ✓ Operator: P. Madueno ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propellers and the wind direction vanes are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The datalogger is reading the correct time and day.
✓		8.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	5m/s	4.71	5.09 +
Direction* 10m (deg)	S	72.15	55.8 +
Speed 20m (m/s)	5m/s	3.89	6.71 +
Direction* 20m (deg)	S	76.48	53.8 +
Ambient Temperature (°C)	24°	23.74	23.8 +
Relative Humidity (%)	39%	38.30	37.4 +
Aspirated Temperature 2m	24°	23.45	23.4 +
Aspirated Temperature 10m	23°	22.96	23 +
Delta Temperature (°C)	N/A	-0.45	-0.438 +
Solar Radiation (w/m²)	Sunny (Partly cloudy) Cloudy	269.310	555 *
Barometric Pressure (mmHg)	N/A	705.136	705 +
Battery Voltage (V)	N/A	12.82	12.8 +
Time (MST)	N/A	10:00	10:00_L.T.P
Date	N/A	11/3/16	11/03/16 +

372 - 9:30
447 - 9:45
549 - 10:15
378 - 10:30

✓

*Direction wind is from

* 0.03" of precip. indicated @ 10:00 hrs! G.B.

Comments/Unusual Occurrences or Weather: Triggered precip gauge, Data Download 10/27 - 11/03. (10:14) ✓ G.B.

Site Operator Signature: Paul Madueno

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 11/3/2016 Time: 10:03 Operator: P. Maduena

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.33
Ambient Temp °C	23.10
Heater ON or OFF as Found	Off
Generator ON or OFF as Found	Off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good.
Speaker Array	Okay
Fuel Level	Empty (1/4) 1/2 3/4 Full
Date	11/3/2016
Time	

Comments/Unusual Occurrences:

Data Download 10/27 - 11/03. 96.

Operator Signature:

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/10/2016 Time: 09:54 Operator: P. Madueno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propellers and the wind direction vanes are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The datalogger is reading the correct time and day.
✓		8.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	7 m/s	5.01	5.76 ✓
Direction* 10m (deg)	W	93.35	100 ✓
Speed 20m (m/s)	7m/s	5.63	7.12 ✓
Direction* 20m (deg)	W	87.34	97.8 ✓
Ambient Temperature (°C)	20°	21.46	21.1 ✓
Relative Humidity (%)	25%	28.92	29.2 ✓
Aspirated Temperature 2m	20°	21.42	20.7 ✓
Aspirated Temperature 10m	19°	20.75	20.3 ✓
Delta Temperature (°C)	N/A	-0.36	-0.421 ✓
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	520.026	484 ✓
Barometric Pressure (mmHg)	N/A	702.162	707 ✓
Battery Voltage (V)	N/A	12.66	12.8 ✓
Time (MST)	N/A	10:05	10:00 LTF
Date	N/A	11/10/2016	11/10/16 ✓

*Direction wind is from

* 0.03" of precip. manually noted @ 10:15 hrs! GG.

Comments/Unusual Occurrences or Weather: Triggered precip gauge *, Data ✓ Download 11/03 - 11/10 (10:20) GG.

Site Operator Signature:

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 11/10/2016 Time: 10:07 Operator: P. Madueno

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.36
Ambient Temp °C	20.70
Heater ON or OFF as Found	off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	OKay
Fuel Level	Empty ¼ ½ ¾ Full
Date	11/10/2016
Time	

Comments/Unusual Occurrences:

Data Download. 11/03 - 11/10

Operator Signature: Paul Madueno

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11-17-2016 Time: 10:57 Operator: P. Maduena

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propellers and the wind direction vanes are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The datalogger is reading the correct time and day.
✓		8. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	5 m/s	5.22	5.67 +
Direction* 10m (deg)	NE	280.159	264 +
Speed 20m (m/s)	5m/s	4.27	4.74 +
Direction* 20m (deg)	NE	274.680	258 +
Ambient Temperature (°C)	18°	17.87	17.5 +
Relative Humidity (%)	18%	18.49	19.3 +
Aspirated Temperature 2m	18°	17.42	17.2 +
Aspirated Temperature 10m	17°	16.69	16.3 +
Delta Temperature (°C)	N/A	-0.049	-0.833 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	601.669	593 +
Barometric Pressure (mmHg)	N/A	701.700	702 +
Battery Voltage (V)	N/A	12.93	13 +
Time (MST)	N/A	11:01	11:00 - L.T. +
Date	N/A	11-17-2016	11/17/16

*Direction wind is from

0.02" of precip. inadvertently recorded @ 11:00 hrs! 6.6.

Comments/Unusual Occurrences or Weather: Data Download 11/10 - 11/17 (11:17) ✓
Triggered precip gauge. 6.6

Site Operator Signature:

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 11-17-2016 Time: 11:04 Operator: P. Malmud

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	13.20
Ambient Temp °C	18.00
Heater ON or OFF as Found	Off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	Okay
Fuel Level	Empty (1/4) ½ ¾ Full
Date	11-17-2016
Time	11-17-2016 11:14

Comments/Unusual Occurrences:

Data Download 11/10 - 11/17

Operator Signature:

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/22/2016 Time: 2:42 Operator: D. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propellers and the wind direction vanes are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The datalogger is reading the correct time and day.
✓		8.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	NE	271,619	265 +
Direction* 10m (deg)	NE	232,532	265 #
Speed 20m (m/s)	1m/s	1,22	2.6 +
Direction* 20m (deg)	2m/s	1,22	2.81 +
Ambient Temperature (°C)	19°	19,84	19.7 +
Relative Humidity (%)	40 %	39.19	39.3 +
Aspirated Temperature 2m	19°	19,16	18.9 +
Aspirated Temperature 10m	18°	17,18	18 +
Delta Temperature (°C)	N/A	-1,07	-0.836 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	419,271	439 +
Barometric Pressure (mmHg)	N/A	704,313	704 +
Battery Voltage (V)	N/A	12,90	12.9 +
Time (MST)	N/A	2:47	14:45 L.T. +
Date	N/A	11/22/2016	11/22/16 +

271 - 14:15
261 - 16:30
262 - 15:00
267 - 15:15

*Direction wind is from # 0.01" of precip. inadvertently for 2 ~~15~~ 15:15 hrs!

Comments/Unusual Occurrences or Weather: Triggered precip gauge. Data Download 11/17 - 11/22 (2:58)

Site Operator Signature: Paul Mad

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 11/22/2016 Time: 2:51 Operator: P. Maduena

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	13.20
Ambient Temp °C	19.70
Heater ON or OFF as Found	off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	OKAY
Fuel Level	Empty (¼) ½ ¾ Full
Date	11/22/2016
Time	2:55

Comments/Unusual Occurrences:

Data Download 11/17 - 11/22

Operator Signature: P. Maduena

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/29/2016 Time: 08:41 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propellers and the wind direction vanes are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
✓		4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
✓		7.	The datalogger is reading the correct time and day.
✓		8.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	0.71	0.444 +
Direction* 10m (deg)	SW	119.249	92 *
Speed 20m (m/s)	1 m/s	0.71	0.561 +
Direction* 20m (deg)	SW	126.526	109 +
Ambient Temperature (°C)	8°	8.30	6.83 +
Relative Humidity (%)	72%	72.60	78 +
Aspirated Temperature 2m	8°	6.22	5.39 +
Aspirated Temperature 10m	7°	5.43	4.84 +
Delta Temperature (°C)	N/A	-0.89	-0.445 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	312.721	505 +
Barometric Pressure (mmHg)	N/A	704.094	701 +
Battery Voltage (V)	N/A	13.20	13.2 +
Time (MST)	N/A	08:46	08:45 C.T.
Date	N/A	11/29/2016	11/28/16 +

103 - 8:15
116 - 8:30
78 - 9:00
- ~~9:15~~ 9:45

*Direction wind is from * 0.02" of precip. indicated for 08:45 hrs!

Comments/Unusual Occurrences or Weather: Triggered precip gauge. ✓

Site Operator Signature:

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 11/29/2016 Time: 08:49 Operator: P. Maduena

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.12
Ambient Temp °C	6.90
Heater ON or OFF as Found	Off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	A + B Okay
Fuel Level	Empty (¼) ½ ¾ Full
Date	11/29/2016
Time	

Comments/Unusual Occurrences:

Beam C: Array H8: Fault. Data Download 11/22 - 11/29

Operator Signature: Paul Maduena

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-06-2016 Time: 10:55 Operator: P. Madueno

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propellers and the wind direction vanes are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The datalogger is reading the correct time and day.
✓		8. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2 m/s	1.84	2.52 f
Direction* 10m (deg)	W	169.616	187 f
Speed 20m (m/s)	2 m/s	179.757	2.86 f
Direction* 20m (deg)	W	2.85	3.06 f
Ambient Temperature (°C)	17°	16.94	16.9 f
Relative Humidity (%)	30%	29.17	30.2 f
Aspirated Temperature 2m	17°	16.26	16.2 f
Aspirated Temperature 10m	16°	15.69	15.6 f
Delta Temperature (°C)	N/A	-0.52	-0.638 f
Solar Radiation (w/m²)	Sunny (Partly cloudy) Cloudy	430.436	423 f
Barometric Pressure (mmHg)	N/A	701.900	702 f
Battery Voltage (V)	N/A	12.95	13 f
Time (MST)	N/A	11:00	11:00_CT f
Date	N/A	12-06-2016	12/06/16 f

* 0.03" of precip. recorded @ 11:00 hrs

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge. Data Download 11/29 - 12/06 (12:15)

Site Operator Signature:

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 12-06-2016 Time: 11:03 Operator: P. Maduena

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.34
Ambient Temp °C	17.20
Heater ON or OFF as Found	Off
Generator ON or OFF as Found	Off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good
Speaker Array	Okay
Fuel Level	Empty (1/4) 1/2 3/4 Full
Date	12-06-2016
Time	?

Comments/Unusual Occurrences:

Data Download 11/29 - 12/06 EC

Operator Signature: Paul Mad

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-14-16 Time: 11:25 Operator: P. Maduena

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propellers and the wind direction vanes are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The datalogger is reading the correct time and day.
✓		8. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1m/s	0.87	1.8 +
Direction* 10m (deg)	W	92.97	108 +
Speed 20m (m/s)	1m/s	0.93	2.13 +
Direction* 20m (deg)	W	96.84	107 +
Ambient Temperature (°C)	22°	22.39	22.3 +
Relative Humidity (%)	32%	32.60	33.2 +
Aspirated Temperature 2m	22°	21.62	21.8 +
Aspirated Temperature 10m	21°	20.82	20.8 +
Delta Temperature (°C)	N/A	-0.72	-0.884 +
Solar Radiation (w/m²)	Sunny / Partly cloudy / Cloudy	547.646	541 +
Barometric Pressure (mmHg)	N/A	706.330	706 +
Battery Voltage (V)	N/A	12.90	12.9 +
Time (MST)	N/A	11:30	11:30 L.T. +
Date	N/A	12-14-16	12/14/16 +

* 0.02" of precip. initiated @ 11:45 hrs! GG

*Direction wind is from

Comments/Unusual Occurrences or Weather: Triggered precip gauge. V*
Data Download 12/06 - 12/14 (12:46 ✓

GG

Site Operator Signature: [signature]

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 12-14-16 Time: 11:33 Operator: P. Madacno

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	14.35
Ambient Temp °C	23.40
Heater ON or OFF as Found	Off
Generator ON or OFF as Found	off
Rain Detection YES or NO	No
Snow Detection YES or NO	No
Antenna Status	Good.
Speaker Array	Okay
Fuel Level	Empty ¼ ½ ¾ Full
Date	12-14-16
Time	11:43

Comments/Unusual Occurrences:

Data Download 12/06 - 12/14

Operator Signature: Paul Mad

Hewitt Station
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-21-16 Time: 10:10 Operator: P. Madueno

YES	NO	
✓		1. The tower is intact and upright.
✓		2. The anemometer propellers and the wind direction vanes are turning freely.
✓		3. All temperature shields are intact, and the probes are inside their shields.
✓		4. The aspirator fans are operating.
✓		5. The solar radiation sensor is level and has been cleaned.
✓		6. The solar panel is facing south and is clean.
✓		7. The datalogger is reading the correct time and day.
✓		8. The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		9. Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2m/s	3.97	3.66 +
Direction* 10m (deg)	SW	105.519	106 +
Speed 20m (m/s)	2m/s	3.07	3.58 +
Direction* 20m (deg)	SW	104.501	108 +
Ambient Temperature (°C)	17°	17.50	17.4 +
Relative Humidity (%)	62%	63.14	63.2 +
Aspirated Temperature 2m	17°	17.24	17.1 +
Aspirated Temperature 10m	16°	17.20	17.1 +
Delta Temperature (°C)	N/A	-0.04	0.006 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	135.700	120 +
Barometric Pressure (mmHg)	N/A	706.709	707 +
Battery Voltage (V)	N/A	12.40	12.4 +
Time (MST)	N/A	10:15	10:15 - LJ +
Date	N/A	12-21-16	12/21/16 +

*Direction wind is from

* 0.04" of precip inadvertently @ 10:15hrs!

Comments/Unusual Occurrences or Weather: Triggered precip gauge * Data Downloaded 12/14 - 12/21 (10:28)

Site Operator Signature:

AIR SCIENCES INC.

Hewitt Station
SoDAR SITE CHECK FORM
Resolution Copper Company

Date: 12-21-16 ✓ Time: 10:20 ✓ Operator: P. Madauno ✓

YES	NO	
✓		The unit is level.
✓		The enclosure and drain holes are free of debris.
✓		The unit is running and the signal pulses are audible.
✓		The enclosure and system cables have been inspected.
✓		The unit LCD is reading the correct time and day.
✓		The site has been inspected for physical overhead obstructions, and unusual ambient noise (nearby running equipment, sirens, etc.)
✓		Document the parameters below.

SoDAR System Status	4000WE
Battery Voltage (V)	13.04 ✓
Ambient Temp °C	17.40 ✓
Heater ON or OFF as Found	off ✓
Generator ON or OFF as Found	off ✓
Rain Detection YES or NO	No ✓
Snow Detection YES or NO	No ✓
Antenna Status	Good ✓
Speaker Array	OKay ✓
Fuel Level	Empty (¼) ½ ¾ Full ✓
Date	12-21-16 ✓
Time	10:25 ✓

Comments/Unusual Occurrences:

Data Download 12/14 - 12/21 ✓

66.

Operator Signature: [signature]

Appendix G – Far West Station Site Check Forms

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-06-2016 Time: 09:20 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1m/s	2.15	2.55 +
Direction* 10m (deg)	NE	147.93	181 ✗
Ambient Temperature (°C)	25°	26.37	26.4 +
Relative Humidity (%)	20°	23.29	23.3 +
Aspirated Temp 2m	25°	27.60	27.6 +
Aspirated Temp 10m	24°	26.70	26.6 +
Delta Temperature (°C)	N/A	-0.87	-0.883 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	642.399	658 +
Barometric Pressure (mmHg)	N/A	714.747	715 +
Battery Voltage (V)	N/A	13.14	13.1 +
Time (MST)	N/A	09:25	09:30 - 1 T +
Date	N/A	10-06-2016	10/06/16 +

166 - 9:00
174 - 9:15
183 - 9:45
200 - 10:00

*Direction wind is from

Comments/Unusual Occurrences or Weather: Sunny, clear ✓

Site Operator Signature: Paul Maduena

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-06-2016 Time: 9:26 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 09/20 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/06/2016 Time: 09:29 Operator: P. Maduena

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 09/20 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	~	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	~	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	~	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	~	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10-13-16 Time: 2:37 Operator: P. MADUENO

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
N/A ✓		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	2.35	5.05 +
Direction* 10m (deg)	W	278.491	267 +
Ambient Temperature (°C)	33°	32.37	32.4 +
Relative Humidity (%)	11%	10.38	10.3 +
Aspirated Temp 2m	33°	34.13	34.2 +
Aspirated Temp 10m	32°	33.04	33.2 +
Delta Temperature (°C)	N/A	-1.09	-1.01 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	667.008	677 +
Barometric Pressure (mmHg)	N/A	714.435	714 +
Battery Voltage (V)	N/A	12.83	12.9 +
Time (MST)	N/A	2:43	14:45 L.T. +
Date	N/A	10-13-16	10/13/16 +

R

66

*Direction wind is from

Comments/Unusual Occurrences or Weather: Sunny ✓

Site Operator Signature:

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-13-16 Time: 2:45 Operator: P. MADUENO

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 9/20 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	—	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-13-16 Time: 2:49 Operator: P. MADUENO

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 9/20 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	~	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	~	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	~	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	~	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC

Date: 10-20-16 ✓ Time: 08:18 ✓ Operator: P. Maducne ✓

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating. ✓
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
N/A ✓		7.	The precipitation gauge is clean and free of bugs and dust. ✓
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	6m/s	5.32	6.6 +
Direction* 10m (deg)	W	32.51	50.8 +
Ambient Temperature (°C)	25°	26.40	26.4 +
Relative Humidity (%)	8%	8.30	8.33 +
Aspirated Temp 2m	25°	26.65	26.6 +
Aspirated Temp 10m	24°	26.29	26.3 +
Delta Temperature (°C)	N/A	−0.3648	−0.332 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	374.110	369 +
Barometric Pressure (mmHg)	N/A	717.140	717 +
Battery Voltage (V)	N/A	13.06	13.1 +
Time (MST)	N/A	08:24	08:30 - L.T. +
Date	N/A	10-20-16	10/20/16 +

R

*Direction wind is from

Comments/Unusual Occurrences or Weather: Clear, windy ✓ 66

Site Operator Signature: Paul Madu

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10-20-16 Time: 08:26 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 09/20 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	–	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	–	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: P. Maduena

AIR SCIENCES INC.

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

Date: 10-20-14 Time: 08:29 Operator: P. Madruga

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 09/20 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 10/27/2016 Time: 08:25 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1m/s	0.92	0.871 +
Direction* 10m (deg)	N	135.225	112 ✗
Ambient Temperature (°C)	25°	27.35	27.3 +
Relative Humidity (%)	20%	23.67	24.1 +
Aspirated Temp 2m	25°	27.92	27.6 +
Aspirated Temp 10m	24°	27.58	27.3 +
Delta Temperature (°C)	N/A	-0.335	-0.373 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	308.415	283 +
Barometric Pressure (mmHg)	N/A	716.753	717 +
Battery Voltage (V)	N/A	12.99	13 +
Time (MST)	N/A	08:29	08:30 - LT +
Date	N/A	10/27/2016	10/27/16 +

123 - 8:00
128 - 8:15
119 - 8:45
146 - 9:00

*Direction wind is from

Comments/Unusual Occurrences or Weather: _____

Site Operator Signature: _____

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/27/2016 Time: 08:31 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 09/20 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
✓		3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Monthly Flow Verification. Filter Tape replaced. Cleaned nozzle. Self Test Passed.

Signature: Paul Mad

AIR SCIENCES INC.

Monthly Flow Verification PM_{10}

Far West
PARTICULATE MONITORING PROJECT

Met One BAM 1020 PM_{10}: S/N: T19137.
Firmware:
Calibrator: Delta Cal S/N: 1034

Date of Flow Audit: 10/27/2016
Time of Flow Audit: 08:40

	BAM	STD
Ambient Temperature (AT) °C	32.0	32.2
Barometric Pressure (BP) mmHg	715	715.5

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.1	0.1	15.11	0.1
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.46	0.3
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.80	0.6
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:
(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)
(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.3	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.
* PM10 cont. & flow unindicated for 09:00 and 10:00 hrs!

Signature:

Upon completion of this form, fax to Air Sciences at 303-279-3796

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 10/27/2016 Time: 08:35 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 09/20 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
✓		3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: Monthly Flow Verification, Filter Tape replaced, Cleaned nozzle. Self Test Passed. ✓

Signature:

AIR SCIENCES INC.

Monthly Flow Verification $PM_{2.5}$

Far West
PARTICULATE MONITORING PROJECT

Met One BAM 1020 $PM_{2.5}$: S/N: T19136
Firmware:
Calibrator: Delta Cal S/N: 1034.

Date of Flow Audit: 10/27/2016
Time of Flow Audit: 09:15

	BAM	STD
Ambient Temperature (AT) °C	32.7	33.0
Barometric Pressure (BP) mmHg	715	715.5

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.1	0.1	15.17	1.1
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.57	0.9
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.81	0.6
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:
(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)
(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.4	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.
* PM2.5 cont. flow indicated for 10:00hrs!

Signature: [signature] 66.

Upon completion of this form, fax to Air Sciences at 303-279-3796

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/3/2016 ✓ Time: 09:02 ✓ Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	5m/s	6.25	5.96 +
Direction* 10m (deg)	W	97.11	638 +
Ambient Temperature (°C)	22°	22.89	23 +
Relative Humidity (%)	40%	45.39	44.6 +
Aspirated Temp 2m	22°	23.42	23.4 +
Aspirated Temp 10m	21°	22.99	23 +
Delta Temperature (°C)	N/A	-0.44	-0.445 +
Solar Radiation (w/m²)	Sunny (Partly cloudy) Cloudy	455.130	402 +
Barometric Pressure (mmHg)	N/A	717.306	717 +
Battery Voltage (V)	N/A	13.23	13.2 +
Time (MST)	N/A	09:08	09:15 L.T. +
Date	N/A	11/3/2016.	11/03/16 +

*Direction wind is from

Comments/Unusual Occurrences or Weather: Windy / Partly Cloudy. ✓ E6-

Site Operator Signature: Paul Maduena

AIR SCIENCES INC.

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

Date: 11/3/2016 Time: 09:10 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/3/2016 Time: 09:14 Operator: P. Maducno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11/10/2016 Time: 08:59 Operator: P. Maducno

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	10 m/s	11.57	9.33 +
Direction* 10m (deg)	W	92.82	80.1 +
Ambient Temperature (°C)	21°	20.46	20.3 +
Relative Humidity (%)	20%	20.73	29.1 +
Aspirated Temp 2m	21°	20.78	20.5 +
Aspirated Temp 10m	20°	20.30	20.1 +
Delta Temperature (°C)	N/A	-0.47	-0.419 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	422.583	585 +
Barometric Pressure (mmHg)	N/A	719.180	718 +
Battery Voltage (V)	N/A	13.30	13.4 +
Time (MST)	N/A	09:04	09:00 LT +
Date	N/A	11/10/2016	11/10/16 +

*Direction wind is from

Comments/Unusual Occurrences or Weather: Windy, Dusty Extremely Windy and Dusty all week - KB

Site Operator Signature:

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/10/2016 Time: 09:06 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

GG -

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

GG -

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

GG -

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

GG -

YES	NO		
✓		1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
✓		2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/10/2016 Time: 09:09 Operator: R. Maducue

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11-17-16 Time: 10:04 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
	✓	7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	4m/s	4.19	3.9 +
Direction* 10m (deg)	E	243.976	250 +
Ambient Temperature (°C)	18°	17.61	17.5 +
Relative Humidity (%)	19%	18.96	20.3 +
Aspirated Temp 2m	18°	18.27	18.2 +
Aspirated Temp 10m	17°	17.44	17.4 +
Delta Temperature (°C)	N/A	-0.82	-0.803 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	583.384	579 +
Barometric Pressure (mmHg)	N/A	714.292	714 +
Battery Voltage (V)	N/A	13.42	13.4 +
Time (MST)	N/A	10:09	10:15 - L.T.
Date	N/A	11/17/16	11/17/16 +

*Direction wind is from

Comments/Unusual Occurrences or Weather: Breezy, clear 66-

Site Operator Signature:

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/17/16 Time: 10:10 Operator: P. Madueno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/17/16 Time: 10:00 Operator: P. Maderuelo

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Inlet Flow check performed
	—	2.	Visual inspection and dust removal
	—	3.	Leak check performed
	—	4.	PM_{10} particle trap cleaned
	—	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Filter tape replaced
	—	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	—	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	—	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC

Date: 11/22/2016 Time: 1:53 Operator: P. Maduemo

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2 m/s	2.76	2.41 +
Direction* 10m (deg)	S	318.214	312 +
Ambient Temperature (°C)	19°	19.12	19.2 +
Relative Humidity (%)	36°	36.78	36.7 +
Aspirated Temp 2m	19°	21.15	21 +
Aspirated Temp 10m	18°	19.93	19.9 +
Delta Temperature (°C)	N/A	-1.22	-1.12 +
Solar Radiation (w/m²)	(Sunny) Partly cloudy Cloudy	590.437	597 +
Barometric Pressure (mmHg)	N/A	716.954	717 +
Battery Voltage (V)	N/A	13.29	13.3 +
Time (MST)	N/A	11:59	14:00 L.T. +
Date	N/A	11/22/2016	11/22/16 +

*Direction wind is from

Comments/Unusual Occurrences or Weather: Clear * 2 filter Tapes ✓ EG

Site Operator Signature: Paul Mad

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/22/2016 Time: 2:06 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66 -

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66 -

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66 -

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66 -

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/22/2016 Time: 2:02 Operator: P. Maduenes

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 11-28-16 Time: 11:39 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	2m/s	2.25	2.92 +
Direction* 10m (deg)	N	203.678	173 ~~+~~
Ambient Temperature (°C)	10°	11.56	11.8 +
Relative Humidity (%)	60%	60.07	61.8 +
Aspirated Temp 2m	10°	12.98	13 +
Aspirated Temp 10m	9°	11.82	11.8 +
Delta Temperature (°C)	N/A	-1.14	-1.15 +
Solar Radiation (w/m²)	Sunny / Partly cloudy / Cloudy	762.522	677 +
Barometric Pressure (mmHg)	N/A	714.006	714 +
Battery Voltage (V)	N/A	13.58	13.6 +
Time (MST)	N/A	11:43	11:45 LT +
Date	N/A	11-28-16	11/28/16 +

171 - 11:15
166 - 11:30
185 - 12:00
188 - 12:15

R

66

*Direction wind is from

Comments/Unusual Occurrences or Weather: _____

Site Operator Signature: _____

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/28/16 Time: 11:46 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
✓		3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Mad

AIR SCIENCES INC.

Monthly Flow Verification PM_{10}

Far West

PARTICULATE MONITORING PROJECT

Met One BAM 1020 PM_{10}: S/N: T19137
Firmware:
Calibrator: Delta CAL S/N: 1034

Date of Flow Audit: 11/28/16
Time of Flow Audit: 11:57

	BAM	STD
Ambient Temperature (AT) °C	14.2	14.1
Barometric Pressure (BP) mmHg	712	712

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.0	0	15.04	0.3
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.40	0
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.72	0.1
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:
(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)
(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.4	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed.

* PM_{10} conc. + flow invalidated for 12:00 and 13:00 hrs!

Signature:

Upon completion of this form, fax to Air Sciences at 303-279-3796

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 11/28/16 Time: 11:51 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 10/27 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
✓		1.	Inlet Flow check performed
✓		2.	Visual inspection and dust removal
✓		3.	Leak check performed
✓		4.	PM_{10} particle trap cleaned
✓		5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
✓		2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

AIR SCIENCES INC.

Monthly Flow Verification $PM_{2.5}$

Far West

PARTICULATE MONITORING PROJECT

Met One BAM 1020 $PM_{2.5}$: S/N: T19134

Firmware:

Calibrator: Delta CAL S/N: 1034

Date of Flow Audit: 11/28/16

Time of Flow Audit: 12:30

	BAM	STD
Ambient Temperature (AT) °C	15.1	14.9
Barometric Pressure (BP) mmHg	711	712

	Set Point (lpm)	BAM	% Diff (1)	STD Flow Meter	% Diff (2)
(1) Actual Flow	15	15.1	0.7	15.15	0.3
Acceptable Differential		*14.700 - 15.300*	*+/- 2%*	*14.250 - 15.750*	*+/- 5%*
(2) Actual Flow	18.4	18.4	0	18.53	0.7
Acceptable Differential		*18.032 - 18.768*	*+/- 2%*	*17.480 - 19.320*	*+/- 5%*
(3) Actual Flow	16.7	16.7	0	16.81	0.7
Acceptable Differential		*16.336 - 17.034*	*+/- 2%*	*15.865 - 17.535*	*+/- 5%*

Calculations:

(1) % Diff = [(BAM - Set Point)/Set Point]*100 (+/- 2%)

(2) % Diff = [(BAM - Calibrator)/Calibrator]*100 (+/- 5%)

	BAM	
(2) Leak Test	0.4	**Should be < 1.0 LPM**

Comments/Abnormalities: Self Test Passed,

* PM2.5 conc. + flow invalidated for 13 hrs!

Signature: Joel Mark

GG.

Upon completion of this form, fax to Air Sciences at 303-279-3796

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12/07/2016 Time: 09:01 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	1.33	1.17 +
Direction* 10m (deg)	5	134.70	113 ✗
Ambient Temperature (°C)	14°	13.31	12.2 +
Relative Humidity (%)	55%	57.87	61.3 +
Aspirated Temp 2m	14°	13.90	12.1 +
Aspirated Temp 10m	13°	13.50	11.9 +
Delta Temperature (°C)	N/A	-0.41	-0.2 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	371.431	358 +
Barometric Pressure (mmHg)	N/A	716.527	717 +
Battery Voltage (V)	N/A	13.66	13.7 +
Time (MST)	N/A	09:06	09:00 LT +
Date	N/A	12/07/2016	12/07/16 +

86 - 8:30
94.6 - 8:45
151 - 9:15
164 - 9:30

66

*Direction wind is from

Comments/Unusual Occurrences or Weather: _____

Site Operator Signature: _____

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12/07/2016 Time: 09:07 Operator: P. Madruno

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/29 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12/07/2016 Time: 09:11 Operator: P. Madruga

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/28 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Mad

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-14-16 Time: 09:52 Operator: P. Maduma

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
	✓	7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1m/s	0.92	0.588 +
Direction* 10m (deg)	N	182.661	217 ✱
Ambient Temperature (°C)	17°	17.27	16.9 +
Relative Humidity (%)	45%	45.48	46.7 +
Aspirated Temp 2m	17°	17.44	17.1 +
Aspirated Temp 10m	16°	17.14	16.8 +
Delta Temperature (°C)	N/A	-0.30	-0.277 +
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	281.431	312 +
Barometric Pressure (mmHg)	N/A	719.673	719 +
Battery Voltage (V)	N/A	13.51	13.6 +
Time (MST)	N/A	09:58	10:00 LIT
Date	N/A	12-14-16	12/14/16 +

40.9 - 9:30
0.897 - 9:45
223 - 10:15
220 - 10:30

+

66 -

*Direction wind is from

Comments/Unusual Occurrences or Weather: _____

Site Operator Signature: _____

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-14-16 Time: 10:00 Operator: P. Madrano

I. **BAM SAMPLER** – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/28 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. **BAM SAMPLER** – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. **BAM SAMPLER** – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. **BAM SAMPLER** – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. **BAM SAMPLER** – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: Paul Madrano

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-14-16 Time: 10:05 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/28 Maintenance.
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Inlet Flow check performed
	–	2.	Visual inspection and dust removal
	–	3.	Leak check performed
	–	4.	PM_{10} particle trap cleaned
	–	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Filter tape replaced
	–	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	–	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	–	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	–	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
MET SITE CHECK FORM
Resolution Copper Company

AIR SCIENCES INC.

Date: 12-21-16 Time: 08:57 Operator: P. Maduena

YES	NO		
✓		1.	The tower is intact and upright.
✓		2.	The anemometer propeller and the wind direction vane are turning freely.
✓		3.	All temperature shields are intact, and the probes are inside their shields.
	✓	4.	The aspirator fans are operating.
✓		5.	The solar radiation sensor is level and has been cleaned.
✓		6.	The solar panel is facing south and is clean.
—		7.	The precipitation gauge is clean and free of bugs and dust.
✓		8.	The datalogger is reading the correct time and day.
✓		9.	The site has been visually inspected for unusual wildlife occurrences (dead birds, etc.).
✓		10.	Estimate and document the parameters below.

Parameter	Estimated	Logger	Audit
Speed 10m (m/s)	1 m/s	1.97	2.47 f
Direction* 10m (deg)	W	93.67	101 f
Ambient Temperature (°C)	16°	16.10	16.1 f
Relative Humidity (%)	77%	77.07	76.0 f
Aspirated Temp 2m	16°	15.94	15.9 f
Aspirated Temp 10m	15°	16.04	16 f
Delta Temperature (°C)	N/A	0.11	0.167 f
Solar Radiation (w/m²)	Sunny Partly cloudy Cloudy	102.522	76 f
Barometric Pressure (mmHg)	N/A	718.890	718 f
Battery Voltage (V)	N/A	12.16	12.2 f
Time (MST)	N/A	09:02	09:00 L.T. f
Date	N/A	12-21-16	12/21/16 f

*Direction wind is from

Comments/Unusual Occurrences or Weather: _____

Site Operator Signature: _____

Far West
BAM PM_{10} WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-21-16 Time: 09:04 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/28 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Inlet Flow check performed
	✓	2.	Visual inspection and dust removal
	✓	3.	Leak check performed
	✓	4.	PM_{10} particle trap cleaned
	✓	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Filter tape replaced
	✓	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semiannual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	✓	2.	Completed calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

66.

YES	NO		
	✓	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	✓	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Far West
BAM $PM_{2.5}$ WEEKLY SITE CHECK FORM
Resolution Copper Mining

AIR SCIENCES INC.

Date: 12-21-16 Time: 09:09 Operator: P. Maduena

I. BAM SAMPLER – Weekly Checks.

YES	NO		
✓		1.	The sampler is intact and the inlet head is unobstructed.
✓		2.	The vacuum pump is running and sounds normal.
✓		3.	The temperature shield is intact, and the sensor is inside of it.
✓		4.	The BAM is reading the correct time and day.
✓		5.	The tape is in the proper position and does not need to be changed (tape should be changed every 2 months).
✓		6.	Error log was checked (F3), and errors followed up on (see manual). 11/29 Maintenance
✓		7.	Climate control appears operational. (If it's cold out, the shelter should feel warm; if it's hot out, the shelter should feel cool.)

II. BAM SAMPLER – Routine Maintenance (monthly). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Inlet Flow check performed
	—	2.	Visual inspection and dust removal
	—	3.	Leak check performed
	—	4.	PM_{10} particle trap cleaned
	—	5.	Inlet nozzle and nozzle are cleaned

II. BAM SAMPLER – Routine Maintenance (every 2 months). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Filter tape replaced
	—	2.	Ran the Self-Test function

III. BAM SAMPLER – Routine Maintenance (semi-annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Replaced muffler on the pump (*Work performed by Air Sciences)
	—	2.	Complete calibration of flow system (*Work performed by Air Sciences)

IV. BAM SAMPLER – Routine Maintenance (annual). Check YES if maintenance was performed during this visit. *See BAM manual.*

YES	NO		
	—	1.	Carbon vanes in pump checked/replaced (*Work performed by Air Sciences)
	—	2.	Inlet system cleaned (*Work performed by Air Sciences)

Comments/Unusual Occurrences: _____

Signature: _____

Appendix H – First Quarter 2017 Flow Audit Form

East Plant BAM-1020 PM_{10} Audit Sheet

AIR SCIENCES INC.

Model:	**BAM-1020**	**Serial Number:**	M8714
Audit Date:	1/10/2017	**Audited By:**	G. Gylys
Audit Time:	11:45 – 14:22 PST		

Firmware: 3236 – 06 V3.6.3

Flow Audits					
Flow Reference Standard Used:	Model: Delta Cal	Serial No.: 0723	Calibration Date: 8/22/2016		
Temperature Standard Used:	Model: Delta Cal	Serial No.: 0723	Calibration Date: 8/22/2016		
Barometric Pressure Standard Used:	Model: Delta Cal	Serial No.: 0723	Calibration Date: 8/22/2016		

Leak Check Value:	As found: 0.4	Should Be: <1.0	As left: 0.4	Should Be: <1.0		

		BAM	Ref. Std.		BAM	Ref. Std.		
Ambient Temperature (°C):	As found:	14.7	14.5	As left:	15.3	15.1	Adjusted	
Barometric Pressure (mmHg):	As found:	734	658.5	As left:	653.0	653.0	Adjusted	X
Flow Rate (15.0 LPM):	As found:	15.1	16.84	As left:	15.0	14.99	Adjusted	
Flow Rate (18.4 LPM):	As found:	18.3	> 19.5	As left:	18.4	18.35	Adjusted	
Flow Rate (16.7 LPM):	As found:	16.7	18.71	As left:	16.7	16.66	Adjusted	

Audit Notes: Instrument's BP was found to be well above the norm for the location, therefore resulting in failed flows.
1/7/17 through 1/8/17 Multiple membrane density and membrane extend errors.
Cleaned Membrane and block assembly. New ABS value: 0.853 (avg. of 0.866, 0.852, 0.841).

Mechanical Audits

Pump muffler unclogged:	As found: X	As left:		PM_{10} particle trap clean:	As found:	As left: X	N/A	
Sample nozzle clean:	As found:	As left: X		PM_{10} drip jar empty:	As found: X	As left:	N/A	
Tape support vane clean:	As found:	As left: X		PM_{10} bug screen clear:	As found: X	As left:	N/A	
Capstan shaft clean:	As found:	As left: X		$PM_{2.5}$ particle trap clean:	As found:	As left:	N/A	X
Rubber pinch rollers clean:	As found:	As left: X		Inlet tube water-tight seal OK:	As found: X	As left:		
Chassis ground wire installed:	As found: X	As left:		Inlet tube perpendicular to BAM:	As found: X	As left:		

Signature:

Appendix I – CD