

**Resolution Copper Mine Monitoring Sites
Summary of Meteorological Data
Collected during the Second Quarter 2011
Superior, Arizona**

Prepared for:

Resolution Copper Company
102 Magma Heights
Superior, AZ 85273
Contact: Mayra Yrizarry
520.689.3332

Prepared by:

Applied Environmental Consultants, a JBR company
1553 W. Elna Rae, Ste. 101
Tempe, Arizona 85281
Contact: Thitipong (Jeep) Chindavijak
480.829.0457

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1. INTRODUCTION

This report summarizes meteorological measurements collected at the Resolution Copper Mine monitoring system. The meteorological monitoring system is comprised of two separate monitoring stations, one at the location of the east plant (KC1) near the main entrance to the mine and one at the location of the west plant (KC2), near the town of Superior. Monitoring is conducted at two sites due to the difference in topography between the two sites. The area around KC1 is at an elevated mountainous area; KC2 is located at the base of the mountains. The Resolution Copper Mine is a previously decommissioned underground copper and molybdenum mine that will be re-opened by Resolution Copper Company (Resolution), a member of Rio Tinto Group. The Resolution Mine is located just east of Superior, Arizona in Pinal County as shown in Figure 1.1.

The Resolution Project is located in the historic Pioneer Mining District three miles East of Superior, Arizona (See Figure 1.2). Elevations in the area range from to 2,763 feet above sea level in the town of Superior, while nearby Apache Leap Mountain reaches over 4,700 feet above sea level. Terrain east of the property is highly mountainous. Terrain to the west is less mountainous and becomes relatively flat approximately 10 miles west of Superior and into Phoenix.

The purpose of the monitoring program is to provide the measurements necessary to establish existing meteorological conditions at the proposed site of the Resolution Mine in support of a future air quality permit application for the facility. The monitoring program, including instrument audits, calibrations, maintenance and data processing, is being conducted by Applied Environmental Consultants (AEC). A full complement of meteorological monitoring comprised of measurements of wind speed, wind direction, differential temperature (ΔT), temperature, relative humidity, barometric pressure, solar radiation, evaporation, and precipitation, began at the West Met Site (KC2) on March 26, 2009. The East Met Site (KC1), which measures the same variables, began operation on April 17, 2009. This document summarizes the monitoring data collected during the Second quarter of 2011 (April, May, and June).

The ensuing sections of this report summarize the measurements made during the quarter. A description of the monitoring program is presented in Section 2. This is followed by a summary of the meteorological data presented in Section 3, data recovery statistics presented in Section 4, and quality assurance data presented in Section 5. Complete listings of the meteorological data, along with associated audit reports, are presented in the appendices.

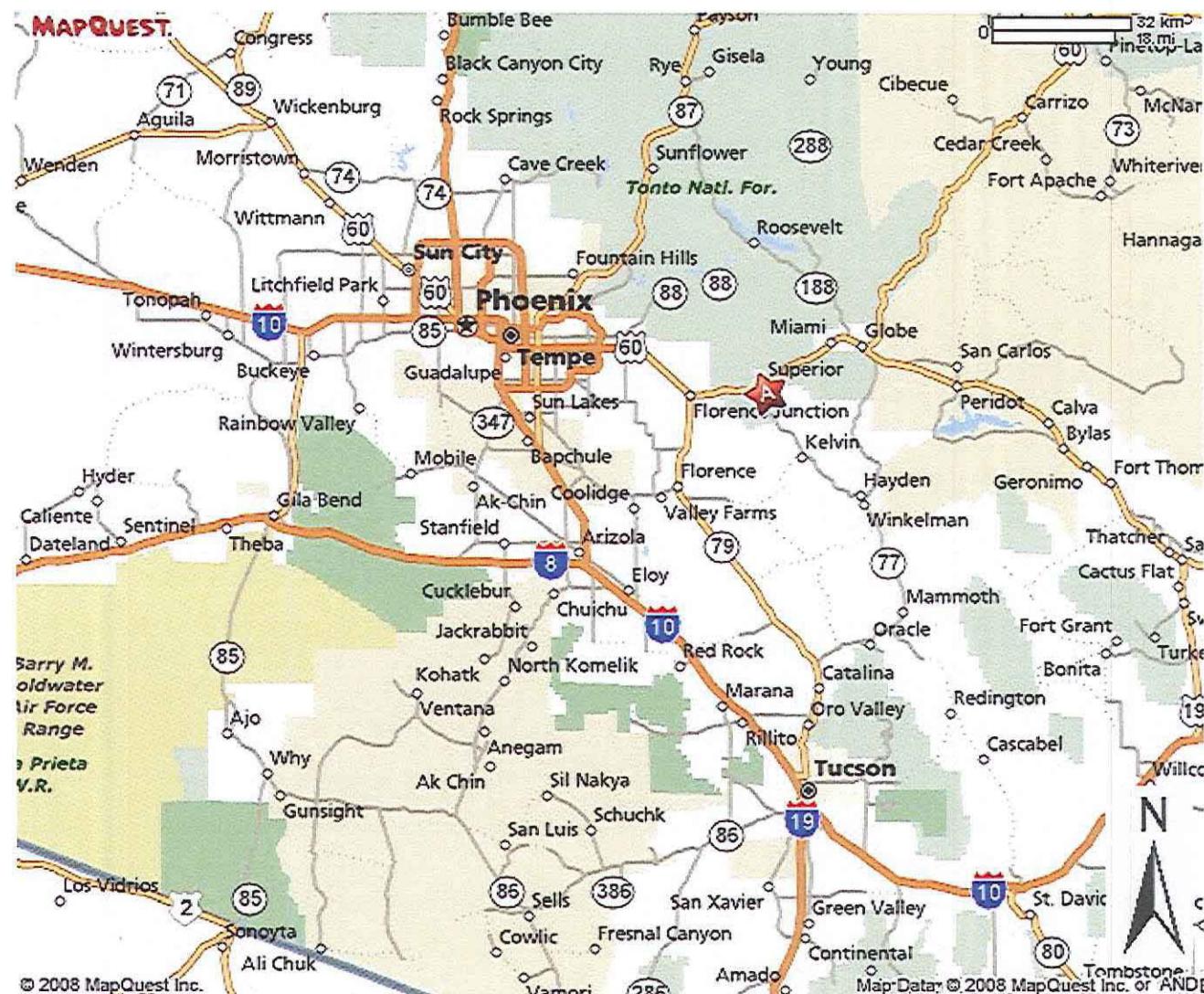


Figure 1.1 Map showing location of proposed Resolution Copper Mine (denoted by A) in Pinal County, Arizona.



Figure 1.2 Map showing locations of KC1 and KC2 monitoring sites.

2. MONITORING PROGRAM

Meteorological parameters being measured at the KC1 and KC2 monitoring stations include wind speed and wind direction at 10 meters, differential temperature between 2 and 10 meters, ambient temperature at 2 meters, relative humidity, barometric pressure, solar radiation, pan evaporation and precipitation. Measurements of sigma theta (standard deviation of the horizontal wind direction fluctuations) are also being made as a backup for stability data. Sigma theta data are not summarized in Section 3 below but are presented in Appendix A. A listing of the meteorological instruments is provided in Table 2.1. The instruments used at both monitoring sites are identical.

All monitoring equipment, siting, operations and data processing conform to the criteria specified in the following EPA documents: *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD)*, EPA-450/4-87-007, 1987; *Meteorological Program Guidance for Regulatory Modeling Applications*, EPA-450/4-87-013, Revised February, 2000; and *Volume IV: Meteorological Measurements Versions 2.0*, EPA-454/B-08-002, March 2008.

Table 2.1 Listing of Meteorological Equipment at KC1 and KC2

Instrument Description	Parameter Measured
Campbell Scientific CR1000 Data Logger with Compact Flash Module and Enclosure	Data Acquisition and Storage
Met One 014A Wind Speed Sensor	Horizontal Wind Speed
Met One 024A Wind Direction Sensor	Wind Direction
RM Young 43347-L Differential Temperature Sensor with Radiation Shield	Differential Temperature
Campbell Scientific HMP50-L Relative Humidity Sensor	Relative Humidity and Temperature
Campbell Scientific CS100 Barometric Pressure Sensor	Barometric Pressure
Li-Cor LI-200X Silicon Pyranometer	Solar Radiation
NovaLynx 255-100 Evaporation Pan	Evaporation
Met One 970 Precipitation Gauge	Precipitation

3. METEOROLOGICAL DATA SUMMARIES

Meteorological measurements for each parameter, except humidity, were reduced to one-hour averages and are expressed as hour ending averages. The relative humidity data were collected at the end of each hour. Hourly listings for each of the measured parameters are presented in Appendix A. Data for monitoring sites KC1 and KC2 are presented in separate tables.

3.1 Wind Speed/Wind Direction

Wind speed statistics for the quarter are presented in Tables 3.1 and 3.2. Wind roses from each monitoring site for the quarter are presented in Figures 3.1 and 3.2.

Table 3.1 KC1: Monthly Wind Speed (m/s) Summary for the Second Quarter 2011

	Monthly Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	3.2	10.8	0.0
May	3.2	10.1	0.1
June	2.6	6.3	0.0

Table 3.2 KC2: Monthly Wind Speed (m/s) Summary for the Second Quarter 2011

	Monthly Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	3.0	8.6	0.1
May	3.3	11.5	0.2
June	2.8	7.6	0.1

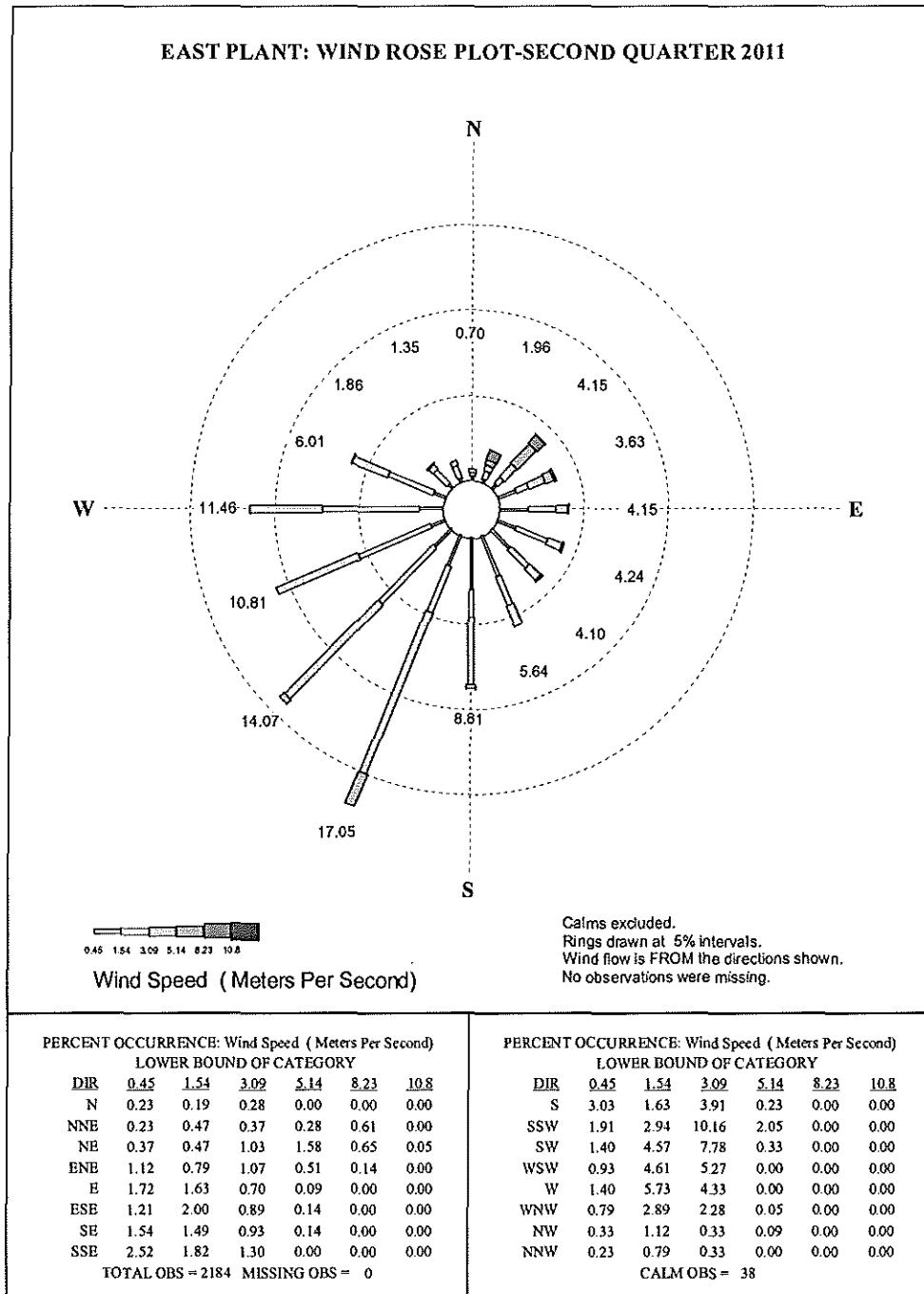


Figure 3.1 Wind rose for the KC1 (East Plant) monitoring site for the Second Quarter 2011.

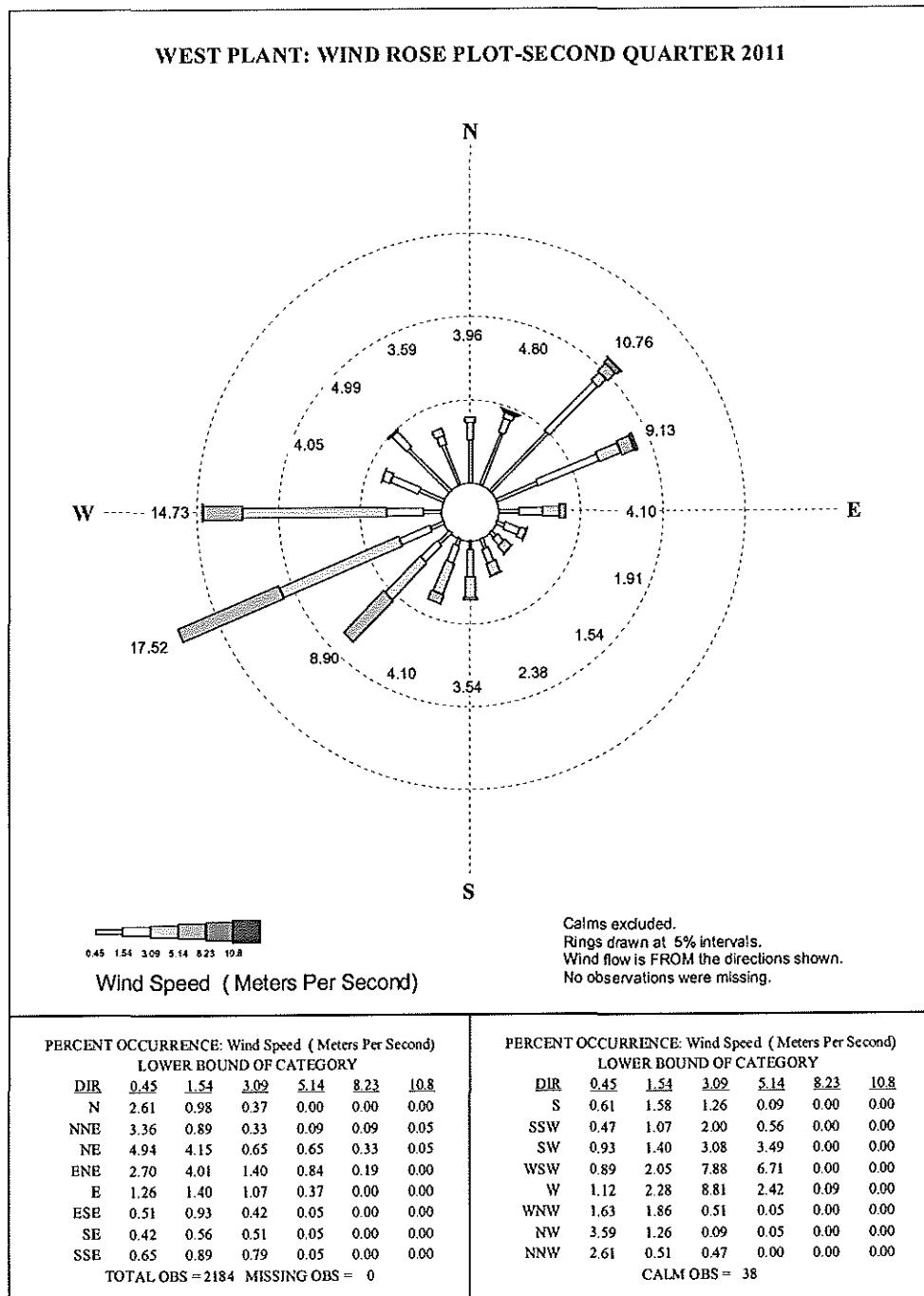


Figure 3.2 Wind rose for the KC2 (West Plant) monitoring site for the Second Quarter 2011.

3.2 Differential Temperature

The differential temperatures were calculated based on the 10 meter sensor reading minus the 2-meter sensor reading. The differential temperature statistics for the quarter are presented in Tables 3.3 and 3.4.

Table 3.3 KC1: Monthly Differential Temperature Summary for the Second Quarter 2011

Monthly Average Differential Temperature Per Hour of Day (°C) ^a						
Month	<i>Nighttime Hours</i>					
	19	20	21	22	23	24
April	-0.017	0.081	0.144	0.211	0.290	0.313
May	-0.121	0.043	0.142	0.271	0.294	0.303
June	-0.177	0.048	0.156	0.289	0.386	0.369
Month	1	2	3	4	5	6
	0.325	0.270	0.321	0.369	0.352	0.346
April	0.297	0.317	0.326	0.329	0.357	0.370
May	0.428	0.439	0.483	0.527	0.559	0.622
<i>Daytime Hours</i>						
Month	7	8	9	10	11	12
	0.159	-0.249	-0.566	-0.741	-0.885	-0.944
April	-0.025	-0.457	-0.685	-0.877	-1.007	-1.088
May	0.077	-0.500	-0.675	-0.776	-0.951	-1.054
Month	13	14	15	16	17	18
	-0.950	-0.905	-0.814	-0.676	-0.496	-0.272
April	-1.121	-1.060	-1.016	-0.840	-0.674	-0.421
May	-1.068	-1.055	-0.992	-0.895	-0.721	-0.488

^a Differential temperatures based on 10-meter temperature minus 2-meter temperature.

Table 3.4 KC2: Monthly Differential Temperature Summary for the Second Quarter 2011

Monthly Average Differential Temperature Per Hour of Day (°C) ^a						
<i>Nighttime Hours</i>						
Month	19	20	21	22	23	24
April	-0.117	0.205	0.477	0.734	0.784	0.930
May	-0.263	0.115	0.429	0.826	0.791	0.843
June	-0.228	0.272	0.543	1.116	1.279	1.363
	1	2	3	4	5	6
April	0.902	0.950	0.852	0.894	0.957	0.870
May	0.969	0.928	0.922	0.950	0.985	0.983
June	1.478	1.473	1.495	1.558	1.409	1.302
<i>Daytime Hours</i>						
Month	7	8	9	10	11	12
April	0.596	-0.201	-0.691	-0.972	-1.082	-1.226
May	0.518	-0.466	-0.741	-1.023	-1.179	-1.265
June	0.831	-0.453	-0.738	-0.961	-1.193	-1.198
	13	14	15	16	17	18
April	-1.249	-1.143	-1.127	-1.001	-0.773	-0.451
May	-1.305	-1.382	-1.322	-1.155	-0.876	-0.564
June	-1.252	-1.203	-1.101	-0.926	-0.776	-0.564

^a Differential temperatures based on 10-meter temperature minus 2-meter temperature.

3.3 Temperature

Ambient 2-meter temperature statistics for the quarter from both sites are presented in Tables 3.5 and 3.6.

Table 3.5 KC1: Monthly Temperature (°C) Summary for the Second Quarter 2011

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	16.4	23.3	1.6	29.5	-0.8
May	19.0	24.8	11.2	29.3	7.1
June	26.7	32.6	22.1	36.9	15.6

Table 3.6 KC2: Monthly Temperature (°C) Summary for the Second Quarter 2011

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	19.7	26.3	5.0	32.7	1.9
May	22.3	28.0	14.8	33.0	10.1
June	29.7	35.5	24.8	40.4	18.8

3.4 Relative Humidity

Relative humidity statistics for the quarter are presented in Tables 3.7 and 3.8.

Table 3.7 KC1: Monthly Relative Humidity (%) Summary for the Second Quarter 2011

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	32.9	27.1	20.4	25.0
May	26.0	21.9	14.8	22.0
June	18.2	13.3	10.0	13.1
Quarter	Max: 100.0		Min: 5.2	

Table 3.8 KC2: Monthly Relative Humidity (%) Summary for the Second Quarter 2011

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	-	-	-	-
May	-	-	-	-
June	-	-	-	-
Quarter	Max: -		Min: -	

3.5 Barometric Pressure

Barometric pressure statistics for the quarter are presented in Tables 3.9 and 3.10.

Table 3.9 KC1: Monthly Barometric Pressure (in Hg) Summary for the Second Quarter 2011

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	25.70	25.75	25.70	25.71
May	25.70	25.74	25.69	25.70
June	25.71	25.75	25.70	25.70
Quarter	Max: 25.97		Min: 25.45	

Table 3.10 KC2: Monthly Barometric Pressure (in Hg) Summary for the Second Quarter 2011

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	26.87	26.92	26.86	26.87
May	26.86	26.91	26.84	26.85
June	26.84	26.89	26.83	26.82
Quarter	Max: 27.17		Min: 26.60	

3.6 Solar Radiation

Solar radiation statistics for the quarter are presented in Tables 3.11 and 3.12

Table 3.11 KC1: Monthly Solar Radiation (watts/m²) Summary for the Second Quarter 2011

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	447.5	527.6	102.4	972.0	0.0
May	507.5	558.8	127.0	1002.0	1.1
June	529.5	559.0	371.7	984.0	4.6

Note: All statistics based on daylight hours.

Table 3.12 KC2: Monthly Solar Radiation (watts/m²) Summary for the Second Quarter 2011

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	427.8	486.7	92.7	959.0	0.0
May	469.9	511.5	135.9	993.0	2.0
June	491.1	517.6	327.0	973.0	3.4

Note: All statistics based on daylight hours.

3.7 Pan Evaporation

Evaporation statistics for the quarter are presented in Tables 3.13 and 3.14.

Table 3.13 KC1: Monthly Evaporation (inches) Summary for the Second Quarter 2011

Month	Maximum Daily	Minimum Daily	Average Daily	Total Monthly
April	0.358	0.010	0.226	6.771
May	0.466	0.095	0.337	10.432
June	0.552	0.303	0.441	13.240

Table 3.14 KC2: Monthly Evaporation (inches) Summary for the Second Quarter 2011

Month	Maximum Daily	Minimum Daily	Average Daily	Total Monthly
April	0.545	0.008	0.311	9.342
May	0.588	0.013	0.435	10.876
June	0.661	0.383	0.573	5.729

3.8 *Precipitation*

Precipitation events for the quarter are summarized in Tables 3.15 and 3.16. Precipitation at site KC1 was 0.75 inch in April, 0.21 inch in May and 0.00 inch in June. Precipitation at site KC2 was 0.00 inch in April, 0.01 inch in May and 0.00 inch in June.

Table 3.15 KC1: Monthly Precipitation (inch) Summary for the Second Quarter 2011

Month	Day	Precipitation (in)	Duration (hours)
April	6	0.03	2
	9	0.54	13
	10	0.18	4
	Monthly Total	0.75	19
May	18	0.20	5
	19	0.01	1
	Monthly Total	0.21	6
June	-	0.00	-
	Monthly Total	0.00	-
Quarter	Total	0.96	25

Table 3.16 KC2: Monthly Precipitation (inch) Summary for the Second Quarter 2011

Month	Day	Precipitation (in)	Duration (hours)
April	-	0.00	-
	Monthly Total	0.00	-
May	18	0.01	1
	Monthly Total	0.01	1
June	--	0.00	-
	Monthly Total	0.00	-
Quarter	Total	0.01	1

4. DATA RECOVERY

Data recovery statistics for the quarter are summarized for each site in Tables 4.1 and 4.2. The relative humidity data at site KC2 were invalidated throughout the quarter due to sensor malfunction. Missing evaporation data at site KC2 between May and June were due to reclamation work in the area. The evaporation data at both sites were invalidated due to the precipitation and pan refills.

Table 4.1 Monitoring Site KC1 Data Completeness for the Second Quarter 2011

Parameters	April	May	June	Quarter
Wind Speed	100%	100%	100%	100%
Wind Direction	100%	100%	100%	100%
2-meter Temperature	100%	100%	100%	100%
10-meter Temperature	100%	100%	100%	100%
Temperature	100%	100%	100%	100%
Relative Humidity	100%	100%	100%	100%
Barometric Pressure	100%	100%	100%	100%
Solar Radiation	100%	100%	100%	100%
Evaporation	98.9%	99.1%	99.3%	99.1%
Precipitation	100%	100%	100%	100%

Table 4.2 Monitoring Site KC2 Data Completeness for the Second Quarter 2011

Parameters	April	May	June	Quarter
Wind Speed	100%	100%	100%	100%
Wind Direction	100%	100%	100%	100%
2-meter Temperature	100%	100%	100%	100%
10-meter Temperature	100%	100%	100%	100%
Temperature	100%	100%	100%	100%
Relative Humidity	0.0%	0.0%	0.0%	0.0%
Barometric Pressure	100%	100%	100%	100%
Solar Radiation	100%	100%	100%	100%
Evaporation	99.6%	81.2%	31.4%	70.7%
Precipitation	100%	100%	100%	100%

5. QUALITY ASSURANCE

Routine quality assurance (QA) procedures were employed to check the meteorological data collected during the quarter.

5.1 *Meteorological Measurements*

Quality assurance procedures utilized to verify the integrity of the measured meteorological data include the following:

- review of the data to evaluate values and changes from one hour to the next
- performance audits of the field sensors conducted twice per year

5.1.1 Review of Data

The individual meteorological observations were screened according to the criteria listed in Table 5.1. Any data outside of the quality control limits were investigated by the Project Manager and the QA Officer for possible invalidation. The final validity determination was made after comparing the suspect data with other pertinent data to determine whether the data were invalid or whether an unusual meteorological event occurred. No data were invalidated during the quarter based on these screening procedures.

5.1.2 Audit of Field Sensors

Performance audits of the meteorological sensors are scheduled semi-annually. A performance audit was not scheduled for this quarter.

Table 5.1 Meteorological Data Screening Criteria

Meteorological Variable	Screening Criteria
	Flag the data if the value:
Temperature (ambient and 2-meter and 10-meter differential temperature readings)	- is less than avg. monthly low or greater than avg. monthly high - is greater than a 5 °C change from the previous hour - does not vary by more than 1 °C for 12 consecutive hours
Differential Temperature	- is less than -0.1 °C/m during nighttime - is greater than 0.1 °C/m during daytime - is less than -3 °C or greater than 5 °C
Wind Speed	- is less than zero or greater than 5 m/s - does not vary by more than 0.1 m/s for 3 consecutive hours - does not vary by more than 0.5 m/s for 12 consecutive hours
Wind Direction	- is less than 0° or greater than 360° - does not vary by more than 1° for 3 consecutive hours - does not vary by more than 10° for 18 consecutive hours
Sigma Theta	- is less than 0° or greater than 90°
Precipitation	- is greater than 1 inch in one hour - is greater than 3 inches in 24 hours
Relative Humidity	- is less than 0% or greater than 100% - does not vary by more than 5% for 18 consecutive hours - normal diurnal patterns exist
Barometric Pressure	- is greater than 25.5 in Hg (based on elevation of site) - is less than 23.5 in Hg (based on elevation of site) - changes by more than 0.2 in Hg in three hours
Solar Radiation	- is greater than zero at night - is greater than the maximum possible for date and latitude - normal diurnal patterns exist
Evaporation	- is greater than 0.5 inches per day - monthly total exceeds monthly average for area

APPENDIX A

METEOROLOGICAL DATA

METEOROLOGICAL MEASUREMENTS

KC1 SITE

APPENDIX KC1-A: HOURLY WIND SPEED/DIRECTION DATA

APPENDIX KC1-B: HOURLY SIGMA THETA DATA

APPENDIX KC1-C: HOURLY DIFFERENTIAL TEMPERATURE DATA

APPENDIX KC1-D: HOURLY TEMPERATURE DATA

APPENDIX KC1-E: HOURLY RELATIVE HUMIDITY

APPENDIX KC1-F: HOURLY BAROMETRIC PRESSURE DATA

APPENDIX KC1-G: HOURLY SOLAR RADIATION DATA

APPENDIX KC1-H: HOURLY EVAPORATION DATA

APPENDIX KC1-I: HOURLY PRECIPITATION DATA

APPENDIX KC1-A
HOURLY WIND SPEED/DIRECTION DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

WIND SPEED (m/s)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	1.4	2.1	3.7	4.3	3.5	4.2	3.9	8.5	8.7	7.8	7.4	7.7	4.8	2.2	2.1	2.7	3.0	2.8	2.4	2.5	2.5	1.8	1.1	0.6	8.7	0.6	3.8
04/02/11	1.0	0.7	0.7	1.5	0.7	0.6	0.3	0.5	1.4	2.2	2.9	3.3	3.5	3.8	4.1	4.5	4.9	3.3	3.9	2.3	2.8	3.6	4.6	5.1	5.1	0.3	2.6
04/03/11	3.9	5.6	4.8	2.3	4.2	3.2	3.9	4.5	5.2	4.1	3.7	4.0	4.2	4.9	5.0	5.1	4.9	4.6	4.5	3.6	3.1	2.3	2.5	1.9	5.6	1.9	4.0
04/04/11	2.3	2.3	3.7	7.5	9.3	9.7	10.8	10.7	9.6	9.8	8.1	5.6	4.4	3.5	2.5	2.4	2.3	2.6	3.5	3.4	2.4	0.9	0.7	0.8	10.8	0.7	5.0
04/05/11	2.0	2.2	2.0	2.7	2.9	2.8	2.9	2.6	2.3	2.1	3.2	2.5	4.0	3.5	3.2	4.0	3.6	2.5	2.5	1.7	2.0	2.2	1.9	0.8	4.0	0.8	2.6
04/06/11	0.8	1.3	2.7	2.0	1.6	0.9	0.9	2.2	3.1	3.2	1.8	3.1	4.8	4.4	2.3	2.0	2.4	1.9	1.7	1.2	2.7	3.4	6.1	5.1	6.1	0.8	2.6
04/07/11	4.3	3.9	4.8	3.4	3.4	3.1	3.5	3.4	3.4	3.7	3.3	3.9	4.5	5.3	5.0	5.8	5.0	5.4	5.2	5.6	6.7	5.6	3.7	3.4	6.7	3.1	4.4
04/08/11	4.4	4.0	2.2	3.2	3.8	3.8	3.1	4.2	5.9	5.5	4.2	3.5	3.5	4.5	4.2	4.6	4.4	4.3	4.3	4.2	4.5	4.8	4.4	4.3	5.9	2.2	4.2
04/09/11	2.9	3.8	5.1	3.1	4.1	2.9	2.8	2.8	2.0	3.0	3.0	3.3	2.1	2.3	2.6	2.5	1.3	2.3	2.4	1.7	1.5	0.7	1.3	1.5	5.1	0.7	2.5
04/10/11	0.9	1.1	1.3	1.2	0.8	1.6	1.8	1.3	1.5	2.6	3.0	3.0	3.2	3.5	3.5	3.7	4.2	3.9	3.4	3.5	2.7	2.3	1.1	1.6	4.2	0.8	2.4
04/11/11	0.7	1.4	3.4	3.8	4.3	5.2	5.8	7.9	9.3	10.3	9.2	6.2	5.9	5.5	4.6	3.8	3.7	2.9	1.8	1.2	1.4	2.4	2.3	2.2	10.3	0.7	4.4
04/12/11	1.4	2.0	0.3	0.5	0.9	1.0	1.4	1.1	1.7	2.3	2.9	2.6	3.4	3.4	3.8	3.9	3.7	3.0	2.5	1.4	1.2	1.3	0.5	0.6	3.9	0.3	2.0
04/13/11	1.0	1.0	0.7	1.1	0.9	0.8	0.6	0.4	1.4	2.0	3.1	4.0	3.4	4.3	5.2	4.6	3.6	3.8	4.1	3.4	3.4	3.7	3.1	3.4	5.2	0.4	2.6
04/14/11	3.3	3.2	2.7	1.8	1.4	1.9	2.2	2.9	3.6	3.7	3.5	3.4	3.8	3.9	3.8	4.0	3.6	3.3	3.1	3.5	3.2	3.4	2.1	2.1	4.0	1.4	3.1
04/15/11	1.5	2.5	4.0	8.0	7.3	7.4	7.8	9.5	9.5	9.2	8.0	7.7	6.8	5.6	4.4	3.0	2.7	2.8	2.3	1.3	1.4	1.7	1.6	1.7	9.5	1.3	4.9
04/16/11	2.0	2.0	2.8	2.3	2.4	3.2	3.3	4.0	3.4	4.1	3.4	2.1	3.5	2.9	3.4	3.4	2.9	3.3	3.5	3.4	2.3	2.0	1.4	0.9	4.1	0.9	2.8
04/17/11	0.9	1.6	0.7	0.4	0.1	0.0	0.0	0.8	1.4	2.3	2.5	2.7	2.9	3.7	4.2	3.7	4.4	3.8	2.9	2.2	1.9	2.7	2.7	4.5	4.5	0.0	2.2
04/18/11	4.7	4.0	3.9	2.2	0.8	1.0	0.6	3.1	3.2	3.8	3.2	3.6	4.0	4.6	4.1	5.4	5.2	4.6	3.4	3.4	3.4	3.3	4.5	2.4	5.4	0.6	3.4
04/19/11	3.0	2.5	1.5	1.0	2.3	2.0	0.6	1.7	3.4	3.4	3.0	2.9	3.0	3.2	3.4	3.2	3.7	3.1	2.4	2.0	1.3	0.9	1.4	0.8	3.7	0.6	2.3
04/20/11	0.8	0.6	0.6	1.0	0.6	0.6	0.9	1.0	2.3	3.3	3.5	3.6	3.7	3.7	3.5	3.7	3.4	2.6	2.1	1.6	1.4	0.9	1.3	2.1	3.7	0.6	2.0
04/21/11	1.9	1.6	1.6	1.0	0.3	0.4	0.4	1.7	2.9	2.5	2.9	3.2	3.6	3.4	3.8	4.0	4.1	3.8	3.0	3.2	2.5	2.7	2.4	2.3	4.1	0.3	2.5
04/22/11	2.0	2.4	2.8	1.4	1.0	2.8	4.2	3.4	3.4	3.7	3.3	4.1	4.1	3.4	3.1	3.6	3.7	3.2	3.0	2.4	1.8	1.6	1.6	2.4	4.2	1.0	2.9
04/23/11	3.6	2.4	1.7	1.8	0.8	0.7	0.6	1.7	2.7	2.4	3.8	4.5	4.6	5.6	4.9	4.1	4.6	4.6	3.4	2.1	1.9	2.3	2.2	2.4	5.6	0.6	2.9
04/24/11	2.5	2.9	2.2	2.0	1.8	2.1	1.7	3.3	3.5	3.7	4.1	4.2	4.7	4.4	5.2	5.3	5.1	4.5	4.0	3.5	3.9	3.5	3.5	3.5	5.3	1.7	3.5
04/25/11	3.3	3.2	2.1	1.7	1.8	0.4	0.4	1.1	2.3	2.9	3.0	3.3	3.3	4.0	3.6	4.1	3.6	3.5	3.7	3.3	3.6	2.8	2.9	3.0	4.1	0.4	2.8
04/26/11	2.8	3.7	4.2	4.0	3.9	2.7	2.3	2.8	3.0	2.7	3.3	4.1	4.1	4.6	4.6	4.7	5.6	6.7	5.4	4.8	4.7	4.4	4.4	3.3	6.7	2.3	4.0
04/27/11	2.6	4.8	4.1	3.1	3.1	3.3	5.7	9.1	10.6	8.4	5.8	5.3	3.7	3.9	3.3	2.9	3.0	3.5	3.6	3.8	2.9	2.7	2.7	1.4	10.6	1.4	4.3
04/28/11	1.6	0.5	1.2	1.7	1.7	1.8	2.2	2.1	2.8	2.7	3.0	2.8	3.4	3.4	3.2	3.6	3.4	2.9	2.4	1.8	1.4	1.3	1.5	3.6	0.5	2.3	
04/29/11	2.7	3.3	2.9	2.5	2.6	3.2	5.2	4.8	4.5	4.1	3.8	4.7	4.7	5.0	5.4	4.8	4.5	3.6	3.5	3.0	2.6	2.7	1.7	1.5	5.4	1.5	3.6
04/30/11	1.8	1.4	0.9	1.1	1.2	2.5	6.8	7.9	6.7	4.5	2.6	3.5	4.3	4.2	4.4	4.4	4.1	3.9	3.5	4.1	2.7	2.2	2.1	1.8	7.9	0.9	3.4

Hourly Averages		2.3	2.5	2.5	2.4	2.4	2.5	2.9	3.7	4.1	4.2	3.9	4.0	4.0	4.0	3.9	3.9	3.8	3.6	3.3	2.9	2.7	2.5	2.4	2.3
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Maximum Hourly Wind Speed:	10.8	Minimum Hourly Wind Speed:	0.0	Average Monthly Wind Speed:	3.2
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Total Number of Observations:	720	Possible Number of Observations:	720	INV = Invalid Data	ND = No Data Collection
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RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

WIND DIRECTION (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
04/01/11	166	122	66	56	68	85	92	34	32	35	39	41	46	76	305	256	219	284	252	263	266	269	203	228
04/02/11	184	177	196	220	217	172	153	78	98	161	228	219	241	233	199	203	204	189	299	231	214	206	209	213
04/03/11	207	211	201	204	200	217	233	227	215	211	219	222	224	205	201	178	109	97	255	152	319	76	69	281
04/04/11	257	265	47	39	37	30	34	36	36	35	39	36	43	60	49	325	259	253	261	266	281	303	165	204
04/05/11	160	152	148	119	117	118	115	109	87	127	136	114	201	238	251	221	184	109	118	279	283	283	315	29
04/06/11	71	217	209	222	217	129	98	169	168	191	101	215	177	132	28	89	215	167	161	152	159	181	195	200
04/07/11	205	218	214	218	223	223	219	220	215	217	210	222	210	211	212	212	195	202	204	210	210	210	212	216
04/08/11	200	225	245	202	201	197	199	195	194	198	185	223	233	204	183	185	173	183	194	200	220	224	220	217
04/09/11	223	217	213	204	203	249	254	238	235	260	288	287	274	271	268	294	213	122	126	123	113	140	82	160
04/10/11	169	190	161	190	166	171	172	138	89	260	258	238	241	239	245	250	217	233	255	267	262	269	253	277
04/11/11	165	77	56	75	97	77	54	52	49	49	47	69	83	128	123	130	127	112	119	77	82	66	76	62
04/12/11	31	238	126	166	143	165	159	88	110	130	281	277	281	227	261	232	225	208	186	126	98	255	174	166
04/13/11	196	194	159	223	137	187	164	88	58	178	205	221	223	205	205	212	222	176	196	331	96	30	178	63
04/14/11	67	111	134	258	323	266	261	266	266	250	258	252	257	252	259	264	273	223	257	278	271	275	270	285
04/15/11	164	103	74	34	38	41	40	36	41	50	49	57	72	71	45	22	30	23	348	169	165	67	129	92
04/16/11	112	123	78	138	132	141	129	116	102	73	67	267	219	259	250	256	269	269	265	270	263	273	260	268
04/17/11	256	255	283	166	110	0	113	111	101	236	222	230	230	221	218	280	193	179	275	8	129	198	217	210
04/18/11	215	232	232	244	206	62	222	209	223	213	216	211	235	215	222	205	189	189	352	156	123	148	209	175
04/19/11	206	87	88	236	225	213	95	146	190	191	239	238	219	202	236	236	195	188	138	89	295	271	273	128
04/20/11	184	157	150	177	185	185	154	111	138	187	202	228	221	267	182	209	210	282	208	131	74	13	306	281
04/21/11	249	260	240	88	175	101	161	197	231	229	248	208	263	256	220	212	198	203	100	26	0	86	84	82
04/22/11	121	169	114	119	94	198	212	219	213	214	215	237	229	214	184	213	210	153	125	88	338	320	271	220
04/23/11	218	219	189	233	236	63	50	168	196	193	196	215	205	215	205	190	200	191	184	81	154	176	145	341
04/24/11	154	227	220	200	236	198	134	208	211	205	201	201	190	204	191	193	155	187	135	54	297	59	2	73
04/25/11	325	336	23	212	251	159	74	98	255	260	255	245	256	282	251	236	242	214	264	286	181	163	130	90
04/26/11	154	199	228	204	186	97	25	267	249	215	271	253	198	173	242	100	306	296	314	288	289	284	298	299
04/27/11	343	358	44	129	81	61	76	47	38	46	54	45	49	339	215	197	220	246	258	264	262	270	270	270
04/28/11	35	118	182	174	159	147	113	86	99	114	165	226	226	239	247	217	208	181	146	53	47	87	333	66
04/29/11	208	207	155	101	83	189	215	217	202	201	185	204	156	181	209	187	145	107	233	311	292	281	290	285
04/30/11	291	280	261	162	160	93	44	44	44	55	208	260	238	212	198	201	196	159	156	192	185	329	229	294

Hourly Averages	184	198	158	167	163	141	135	141	146	166	183	199	198	208	203	207	200	187	213	181	199	194	202	192			
Total Number of Observations:	720	Possible Number of Observations:	720	INV = Invalid Data												ND = No Data Collection											

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

WIND SPEED (m/s)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
05/01/11	3.3	8.6	8.8	8.7	8.8	8.8	8.4	8.8	7.9	7.0	4.2	3.5	3.8	4.9	5.0	3.9	3.7	4.6	4.5	3.6	6.0	8.7	9.4	10.1	10.1	3.3	6.5	
05/02/11	9.4	5.3	5.7	4.8	4.9	4.3	6.0	8.2	9.6	10.1	9.3	8.1	6.5	6.7	6.3	5.3	5.5	5.6	5.0	4.5	6.5	6.6	7.4	3.9	10.1	3.9	6.5	
05/03/11	5.4	4.2	3.9	4.4	5.8	6.6	6.1	7.4	7.6	7.0	6.5	7.2	6.9	6.1	4.6	4.2	4.1	3.4	3.0	2.5	2.3	2.5	2.5	2.5	7.6	2.3	4.9	
05/04/11	2.7	3.2	3.3	3.6	3.7	4.2	4.6	5.1	5.7	6.1	5.0	3.2	2.1	3.6	2.7	3.1	2.7	2.9	1.5	2.2	2.3	1.5	1.3	1.1	6.1	1.1	3.2	
05/05/11	1.1	1.0	1.0	0.4	1.2	1.9	2.3	2.6	3.6	2.6	2.2	2.6	3.3	3.0	3.2	3.8	3.2	2.9	2.6	2.0	1.6	1.3	1.8	1.7	3.8	0.4	2.2	
05/06/11	1.2	2.1	1.4	1.0	1.4	0.7	1.0	0.8	1.2	3.3	3.2	3.0	3.6	3.7	3.7	3.7	3.0	3.4	2.8	1.8	0.6	1.1	1.0	0.8	3.7	0.6	2.1	
05/07/11	0.6	1.3	0.6	0.9	1.0	0.5	0.5	0.9	2.0	2.5	3.3	3.1	3.4	3.8	3.9	4.4	3.6	3.1	2.6	1.8	1.3	1.4	1.1	1.7	4.4	0.5	2.1	
05/08/11	1.4	1.1	1.7	2.8	0.9	0.4	0.4	1.8	3.2	2.9	3.9	3.8	4.4	5.8	5.8	5.6	5.6	4.3	3.7	2.8	3.7	3.4	4.5	3.0	5.8	0.4	3.2	
05/09/11	1.7	2.7	3.9	3.9	4.7	3.1	3.0	2.8	3.5	4.5	4.8	4.9	4.4	4.7	4.5	4.8	4.1	4.1	3.1	2.8	2.8	2.5	1.7	1.7	4.9	1.7	3.5	
05/10/11	1.7	2.7	3.8	2.4	1.7	1.3	1.3	2.5	2.5	3.0	3.1	3.7	4.2	4.4	4.0	4.3	4.3	3.8	3.6	2.4	2.2	1.7	1.1	1.2	4.4	1.1	2.8	
05/11/11	0.7	0.5	0.8	0.3	0.8	0.5	0.9	1.5	2.7	2.8	3.2	4.1	3.9	3.8	3.9	3.8	3.7	3.3	3.0	1.4	1.1	1.4	2.1	4.1	0.3	2.3		
05/12/11	2.6	2.8	2.2	2.8	2.2	1.7	1.6	2.5	3.9	4.6	4.9	4.7	5.1	4.4	3.9	2.9	3.7	3.6	3.4	3.3	2.9	3.0	2.1	3.0	5.1	1.6	3.2	
05/13/11	1.4	1.0	0.8	1.3	2.5	3.2	4.4	4.7	6.5	7.8	7.6	4.2	3.9	3.7	3.2	3.0	3.2	2.8	2.3	2.0	1.4	0.8	3.6	3.2	7.8	0.8	3.3	
05/14/11	4.8	2.2	1.7	2.6	2.1	1.3	1.0	1.9	2.9	2.4	2.8	3.2	3.7	4.2	3.7	4.3	3.8	4.5	4.1	2.8	2.0	1.7	1.3	2.4	4.8	1.0	2.8	
05/15/11	2.0	1.4	0.8	0.4	0.7	0.1	0.9	2.8	2.8	3.2	3.6	4.3	4.1	4.8	5.3	5.3	5.2	4.4	3.9	2.7	3.1	2.7	2.4	2.4	5.3	0.1	2.9	
05/16/11	1.8	1.2	1.1	1.3	1.7	1.7	1.5	2.2	3.2	3.5	4.4	4.2	4.7	4.5	5.3	5.5	5.9	4.8	4.2	3.4	3.8	3.2	4.0	5.9	1.1	3.4		
05/17/11	3.8	4.2	3.5	2.3	1.7	1.9	2.1	2.1	2.6	4.0	4.1	3.9	4.2	5.0	5.0	5.1	4.7	4.3	3.8	3.1	2.7	1.5	1.1	1.4	5.1	1.1	3.2	
05/18/11	1.4	1.5	3.4	2.7	2.8	2.4	3.7	2.9	4.0	4.5	4.0	4.9	4.9	4.8	4.4	4.6	4.6	4.6	3.9	3.4	2.6	2.3	3.5	2.8	1.7	4.9	1.4	3.4
05/19/11	1.7	3.7	2.5	1.0	1.5	0.9	1.0	1.8	2.6	3.1	3.2	3.3	3.3	3.1	4.0	3.8	3.7	3.4	2.8	2.6	0.9	0.6	0.5	0.7	4.0	0.5	2.3	
05/20/11	1.0	0.9	2.1	1.9	0.9	0.9	0.9	1.6	2.9	2.9	3.0	3.8	3.6	3.5	3.8	3.8	3.9	3.4	3.0	2.5	2.5	1.9	1.9	2.4	3.9	0.9	2.4	
05/21/11	2.4	3.0	2.5	3.8	2.1	1.1	1.1	1.6	2.5	3.0	3.4	3.1	3.0	2.8	3.5	3.4	3.4	3.0	2.7	2.0	1.4	0.7	0.8	1.3	3.8	0.7	2.4	
05/22/11	0.7	1.3	0.9	1.1	0.5	0.6	0.2	1.1	2.8	3.0	2.7	3.1	3.6	3.5	4.3	3.6	3.6	3.7	3.4	3.6	3.3	2.6	3.5	2.5	2.1	4.3	0.2	2.4
05/23/11	1.2	3.0	5.0	2.8	2.4	2.6	2.1	2.4	2.9	3.4	3.1	3.0	3.4	4.1	5.5	4.9	5.1	5.7	3.7	3.6	6.1	7.4	6.2	6.5	7.4	1.2	4.0	
05/24/11	5.1	2.3	3.3	2.2	2.8	3.0	3.5	3.4	3.3	3.8	2.6	3.0	3.0	3.8	4.2	3.7	3.6	3.9	2.7	2.5	1.7	1.5	1.1	0.2	5.1	0.2	2.9	
05/25/11	0.1	0.8	0.8	1.5	1.5	0.9	0.9	1.2	2.0	3.0	2.3	2.6	3.1	3.1	3.4	3.8	3.7	3.1	2.6	2.0	1.5	0.5	0.7	0.7	3.8	0.1	1.9	
05/26/11	0.4	0.7	0.8	0.9	0.8	1.2	1.0	2.5	2.1	2.8	3.0	4.1	3.6	3.8	4.2	4.4	4.4	4.0	3.8	3.4	2.9	3.0	1.6	1.2	1.5	4.4	0.4	2.4
05/27/11	2.2	2.3	3.6	1.6	0.5	0.2	0.4	1.0	2.3	2.7	3.3	4.0	3.8	4.6	4.2	4.2	4.2	4.1	4.0	3.2	3.0	1.9	1.0	1.1	1.6	4.6	0.2	2.5
05/28/11	2.8	1.9	1.4	2.4	2.9	0.7	0.7	2.8	3.6	3.9	5.1	5.2	5.2	5.3	5.9	5.5	4.9	4.5	4.1	4.2	5.1	6.3	5.7	5.1	6.3	0.7	4.0	
05/29/11	5.2	4.9	4.2	2.7	3.8	3.7	2.9	3.5	3.5	4.5	3.9	4.6	5.6	6.7	4.5	5.8	6.0	4.7	4.7	4.0	3.9	3.5	4.0	3.3	6.7	2.7	4.3	
05/30/11	2.7	2.6	2.2	1.4	1.6	0.8	1.1	2.7	2.6	2.9	2.6	3.3	3.4	4.1	3.7	3.1	2.8	2.5	2.5	3.0	2.7	0.8	0.8	0.5	4.1	0.5	2.3	
05/31/11	1.4	1.8	2.1	2.3	2.1	2.1	2.5	3.5	3.9	4.8	4.8	4.4	4.0	3.5	4.3	3.4	3.4	2.8	2.6	2.8	2.3	1.4	0.7	1.0	0.8	4.8	0.7	2.7

Hourly Averages

2.4 2.5 2.6 2.3 2.3 2.0 2.2 2.9 3.6 4.0 4.0 4.0 4.0 4.3 4.3 4.2 4.2 4.1 3.8 3.3 2.8 2.7 2.5 2.5 2.4

Maximum Hourly Wind Speed: 10.1 **Minimum Hourly Wind Speed:** 0.1 **Average Monthly Wind Speed:** 3.2

Maximum 24-Hour Mean: 6.5 **Minimum 24-Hour Mean:** 1.9

Total Number of Observations: 744 **Possible Number of Observations:** 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

WIND DIRECTION (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
05/01/11	56	33	33	29	29	31	30	25	32	34	8	322	312	347	20	351	331	318	327	352	20	31	31	31
05/02/11	31	49	53	77	90	104	60	65	68	62	72	56	49	36	45	27	31	28	26	33	31	39	40	79
05/03/11	43	45	55	72	60	53	61	91	103	77	108	114	125	129	115	120	126	107	125	104	67	72	68	78
05/04/11	82	74	79	73	74	57	55	52	49	41	41	86	144	191	194	236	280	297	180	260	279	223	271	194
05/05/11	247	190	176	185	181	160	168	119	83	78	232	263	268	284	240	265	221	266	253	286	330	1	20	325
05/06/11	43	292	277	269	274	139	156	98	284	262	268	275	250	276	238	279	236	284	260	266	81	87	151	134
05/07/11	152	262	194	182	176	133	131	110	109	260	268	211	184	234	221	219	244	181	137	194	8	310	332	101
05/08/11	241	228	262	230	230	67	66	116	194	225	210	207	177	205	191	197	184	156	105	122	183	187	194	160
05/09/11	113	203	199	198	211	181	222	207	171	215	214	216	190	179	194	187	185	142	109	154	179	150	181	251
05/10/11	223	226	223	238	246	216	53	252	261	221	195	228	194	212	251	211	248	231	200	188	24	293	301	261
05/11/11	61	44	188	181	197	72	168	191	242	239	229	270	249	249	258	259	264	262	266	271	53	287	267	220
05/12/11	269	276	279	301	310	185	157	108	55	39	31	42	22	347	40	337	281	221	244	277	267	273	288	307
05/13/11	282	152	177	147	122	121	105	85	48	48	45	99	128	141	167	166	303	188	256	243	237	199	200	211
05/14/11	227	253	233	223	251	210	31	250	221	215	264	261	238	204	255	214	227	211	192	118	87	141	81	146
05/15/11	243	265	180	114	179	171	137	186	163	135	187	192	190	221	199	206	213	194	185	198	195	216	240	240
05/16/11	230	282	223	215	185	195	172	224	180	214	208	198	191	225	208	199	210	194	187	226	215	213	211	209
05/17/11	222	222	233	225	218	195	234	255	222	210	212	229	203	208	201	198	192	195	178	230	136	113	189	358
05/18/11	261	161	217	219	219	201	205	221	220	209	191	211	204	204	150	184	162	97	94	305	224	190	194	266
05/19/11	237	214	234	281	246	229	80	215	239	246	218	238	244	230	219	245	251	262	207	298	154	57	156	53
05/20/11	81	244	253	260	233	70	143	235	270	266	274	230	229	258	281	240	210	253	214	208	219	244	279	242
05/21/11	270	284	288	320	319	98	108	93	72	50	27	293	252	347	237	262	246	230	257	235	270	190	214	275
05/22/11	177	217	240	263	123	164	88	68	285	267	260	273	296	292	227	212	205	212	188	201	212	212	204	347
05/23/11	298	212	209	219	213	225	236	229	241	237	246	247	227	207	210	209	190	193	169	149	208	208	208	209
05/24/11	211	120	195	211	214	202	199	197	232	225	283	274	297	226	202	226	225	290	119	104	267	217	97	136
05/25/11	133	66	100	195	193	175	179	86	81	31	39	297	266	258	254	228	238	227	236	209	212	107	182	204
05/26/11	206	186	172	123	193	217	165	221	249	270	264	209	211	217	181	217	200	176	125	246	288	338	329	273
05/27/11	224	237	231	298	118	139	83	86	245	229	253	211	218	224	213	192	194	144	57	312	8	79	192	88
05/28/11	205	93	76	214	222	208	118	245	196	216	221	213	211	193	207	197	189	169	159	157	190	207	212	208
05/29/11	212	209	217	219	217	224	223	232	221	205	207	212	215	205	192	204	211	183	184	167	174	223	215	217
05/30/11	213	248	257	212	250	219	97	291	267	259	255	241	227	240	239	269	245	258	238	280	287	176	213	103
05/31/11	159	155	153	140	141	126	105	66	104	124	132	149	130	121	233	237	227	242	239	251	6	289	243	184

Hourly Averages	182	185	191	198	191	154	130	159	174	175	183	212	204	223	196	219	218	207	184	214	165	180	194	197	
Total Number of Observations:	744	Possible Number of Observations:	744	INV = Invalid Data																ND = No Data Collection					

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

WIND SPEED (m/s)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
06/01/11	0.6	0.4	0.3	0.8	0.4	0.5	1.2	1.4	1.4	2.4	2.8	3.0	3.5	3.9	3.2	3.4	3.3	3.4	3.2	3.1	3.2	3.0	2.5	2.0	3.9	0.3	2.2	
06/02/11	2.0	1.4	1.1	0.6	0.5	1.2	0.8	1.1	3.0	2.8	2.8	3.9	4.3	3.8	3.7	3.6	3.5	3.3	2.8	1.9	2.8	0.8	0.8	0.7	4.3	0.5	2.2	
06/03/11	0.5	0.6	0.3	0.8	0.8	1.2	1.0	1.3	1.9	2.5	4.2	4.3	4.2	4.6	3.5	3.6	3.7	3.2	2.8	2.2	1.0	2.6	4.5	3.6	4.6	0.3	2.5	
06/04/11	2.3	1.2	0.9	1.0	0.9	0.8	0.9	1.9	3.8	3.7	4.3	4.2	4.9	3.6	3.7	3.6	3.5	2.9	2.7	2.3	1.2	1.0	1.1	1.8	4.9	0.8	2.4	
06/05/11	1.5	0.6	0.9	1.5	1.2	1.6	1.4	1.2	3.4	3.7	3.5	3.0	3.5	3.5	3.6	3.5	4.0	3.6	2.7	2.3	0.9	1.2	1.0	1.3	4.0	0.6	2.3	
06/06/11	1.3	2.7	3.5	2.7	3.3	3.1	2.8	4.0	4.5	4.6	4.5	6.3	6.1	5.4	5.9	4.8	5.0	3.8	2.8	1.9	2.5	2.2	1.9	1.7	6.3	1.3	3.6	
06/07/11	0.6	0.9	1.6	0.8	0.9	0.9	0.6	1.1	2.6	3.3	3.6	3.6	4.1	3.6	3.7	3.4	2.8	2.7	2.5	1.4	0.7	1.1	0.9	0.9	4.1	0.6	2.0	
06/08/11	2.7	2.7	2.9	2.0	2.1	1.4	2.5	2.6	2.7	2.4	3.4	4.6	4.9	4.2	4.7	4.3	3.9	3.7	3.4	2.9	2.3	2.1	1.9	2.0	4.9	1.4	3.0	
06/09/11	1.4	0.9	1.4	1.2	1.0	0.7	0.6	1.1	2.2	2.5	2.6	3.1	3.4	3.2	3.4	3.4	3.1	3.5	4.0	4.0	2.6	2.8	2.3	2.2	4.0	0.6	2.4	
06/10/11	1.8	1.6	0.9	1.2	0.8	0.5	0.8	1.0	2.2	3.1	3.0	3.8	3.3	3.3	3.6	3.3	3.3	3.2	3.1	2.0	1.1	0.7	0.6	2.4	3.8	0.5	2.1	
06/11/11	1.9	0.6	2.1	1.6	0.7	1.0	1.0	1.7	3.3	3.9	4.0	3.9	3.9	3.7	3.7	4.0	3.6	3.2	3.2	0.4	1.3	0.8	0.7	4.0	0.4	2.4		
06/12/11	0.8	0.7	0.8	1.2	1.4	2.5	2.8	2.2	3.5	3.6	4.1	4.1	4.5	4.6	3.9	4.1	4.6	4.9	4.0	3.4	2.5	2.4	2.5	2.0	4.9	0.7	3.0	
06/13/11	1.3	1.2	0.9	0.7	0.9	0.4	0.7	1.4	3.0	3.6	3.5	3.6	4.4	4.4	4.1	3.4	3.3	3.3	2.7	2.3	1.7	1.6	0.9	0.8	4.4	0.4	2.3	
06/14/11	1.1	0.3	0.0	0.3	1.0	0.1	0.0	1.1	1.5	2.9	3.3	3.0	3.1	3.2	3.3	3.9	4.0	3.3	3.0	1.8	1.4	1.1	1.1	1.0	4.0	0.0	1.9	
06/15/11	1.0	0.2	0.5	1.6	0.3	0.6	0.7	1.4	2.0	3.2	2.9	2.9	3.2	3.8	3.7	3.9	3.5	3.8	2.8	2.1	1.5	0.7	0.6	1.3	3.9	0.2	2.0	
06/16/11	1.9	2.7	2.3	2.3	3.1	2.4	1.1	4.1	4.4	5.0	4.9	4.2	5.1	5.1	5.3	5.3	4.5	3.9	3.2	2.7	2.7	3.2	4.3	4.9	5.3	1.1	3.7	
06/17/11	3.9	2.0	1.9	1.9	2.3	1.2	0.9	3.7	4.1	3.9	3.2	4.0	4.7	4.2	4.8	4.3	3.9	3.6	3.4	2.7	2.3	2.2	1.7	1.7	4.8	0.9	3.0	
06/18/11	1.2	2.4	2.4	2.0	0.3	0.7	0.5	2.7	2.9	2.8	3.1	3.2	3.4	3.7	4.0	4.6	5.0	3.9	3.4	3.1	3.1	2.0	1.4	2.0	2.0	5.0	0.3	2.7
06/19/11	2.3	2.4	3.1	3.9	4.3	3.4	4.0	3.7	3.5	4.2	4.1	5.0	4.9	4.4	4.2	5.2	5.0	5.1	4.8	3.9	3.1	2.5	3.0	2.2	5.2	2.2	3.8	
06/20/11	2.3	1.8	1.7	1.0	0.8	1.7	2.9	4.2	2.8	2.2	2.5	3.6	3.8	3.6	3.8	3.3	3.7	3.2	2.2	2.7	2.4	2.0	1.5	2.0	4.2	0.8	2.6	
06/21/11	2.5	1.7	1.7	1.8	1.5	2.1	2.3	3.8	4.2	4.5	3.4	3.5	3.1	4.1	3.3	3.9	3.8	3.7	3.5	3.4	3.1	2.5	2.2	2.8	4.5	1.5	3.0	
06/22/11	1.5	1.3	2.0	1.3	1.1	1.6	1.5	1.4	2.3	3.8	3.8	3.4	3.2	3.6	3.6	3.4	3.5	3.2	2.8	2.7	4.4	3.1	2.9	2.5	4.4	1.1	2.7	
06/23/11	3.0	2.8	2.0	1.5	1.7	0.7	2.2	2.8	2.9	2.6	3.0	3.6	3.6	4.2	4.2	4.2	4.2	3.4	4.1	3.7	2.9	3.9	3.9	2.3	3.4	4.2	0.7	3.0
06/24/11	2.9	2.6	1.9	1.0	0.8	0.9	1.0	1.5	2.9	2.6	2.9	3.4	3.1	3.6	4.2	3.5	3.9	3.3	3.0	2.7	2.2	1.5	2.1	2.0	4.2	0.8	2.5	
06/25/11	2.6	2.0	0.7	1.1	1.1	1.2	0.5	1.3	2.9	3.4	2.3	3.2	2.9	3.8	3.5	4.0	3.9	3.6	2.9	2.4	1.5	0.9	0.7	0.9	4.0	0.5	2.2	
06/26/11	0.7	2.7	1.0	0.9	1.2	0.5	0.7	0.7	2.0	2.5	2.9	3.3	3.5	3.7	3.8	4.2	3.3	3.8	3.0	2.9	2.0	1.7	1.5	2.4	4.2	0.5	2.3	
06/27/11	3.0	2.1	0.8	1.0	0.8	1.6	1.9	2.3	2.1	2.5	3.1	3.3	3.3	3.3	3.6	4.2	3.5	3.3	3.4	2.7	2.4	2.5	2.7	2.3	4.2	0.8	2.6	
06/28/11	1.5	1.5	1.4	1.2	1.8	1.9	1.3	1.7	2.0	2.9	3.2	3.5	3.8	4.2	4.1	3.7	3.9	4.0	3.0	3.2	1.6	0.8	1.8	3.3	4.2	0.8	2.6	
06/29/11	2.2	3.7	2.4	3.5	4.3	2.5	2.6	2.5	2.2	2.5	3.1	3.0	3.3	3.5	3.6	3.9	3.3	4.0	3.2	3.1	3.2	3.3	3.4	3.6	4.3	2.2	3.2	
06/30/11	2.5	2.2	3.1	2.0	2.5	3.7	2.9	3.3	2.5	2.9	3.2	3.4	3.3	3.6	3.6	3.6	3.2	3.4	2.9	2.7	3.0	1.6	1.4	1.1	3.7	1.1	2.8	

Hourly Averages		1.8	1.7	1.6	1.5	1.5	1.4	1.5	2.1	2.8	3.2	3.4	3.7	3.9	3.9	3.9	3.9	3.8	3.6	3.1	2.7	2.2	1.9	1.9	2.0
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Maximum Hourly Wind Speed:	6.3	Minimum Hourly Wind Speed:	0.0	Average Monthly Wind Speed:	2.6
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Maximum 24-Hour Mean:	3.8	Minimum 24-Hour Mean:	1.9
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Total Number of Observations:	720	Possible Number of Observations:	720	INV = Invalid Data	ND = No Data Collection
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RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
JUNE 2011

WIND DIRECTION (degrees)

Day	Hour																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
06/01/11	168	66	104	176	205	121	200	137	93	95	190	238	282	221	240	207	229	225	255	230	250	258	264	292	
06/02/11	276	242	259	140	107	211	98	76	274	258	256	228	228	256	237	265	218	264	177	64	283	273	184	203	
06/03/11	206	169	127	163	186	148	126	67	314	258	188	195	194	205	198	212	254	231	188	161	206	213	213	232	
06/04/11	188	105	173	130	135	131	98	87	107	141	150	193	197	248	292	291	263	228	212	182	75	227	219	251	
06/05/11	220	195	196	174	160	148	137	143	271	272	261	263	276	282	256	267	294	229	292	15	38	249	190	299	
06/06/11	232	233	226	183	201	186	171	183	192	201	200	202	211	224	199	207	213	176	193	226	274	259	250	265	
06/07/11	98	235	260	173	183	148	122	54	132	196	178	213	245	234	265	258	242	216	47	147	221	231	212	171	
06/08/11	202	240	244	239	248	226	209	229	210	266	220	212	200	207	202	211	178	188	178	180	274	278	270	269	
06/09/11	124	174	193	178	172	180	130	80	54	123	307	248	277	285	302	257	216	233	285	281	282	268	278	286	
06/10/11	269	288	314	285	14	155	143	84	256	269	273	276	252	290	262	278	287	266	159	106	78	252	269	283	
06/11/11	35	86	227	221	161	142	143	124	199	199	197	191	232	222	238	239	194	231	226	188	141	189	161	176	
06/12/11	170	201	331	117	211	218	185	107	169	203	206	186	214	209	199	230	200	206	177	172	191	217	250	238	
06/13/11	279	195	186	173	161	193	151	103	140	196	190	207	197	231	229	252	219	189	192	84	86	325	117	165	
06/14/11	121	135	206	166	183	101	0	98	79	274	253	251	252	263	265	236	246	229	213	162	222	278	292	279	
06/15/11	245	172	207	260	145	183	168	118	280	268	256	265	288	261	238	223	264	207	198	174	91	126	176	241	
06/16/11	235	227	223	208	200	207	111	191	196	186	184	229	219	203	229	211	206	195	179	158	166	194	212	215	
06/17/11	229	232	228	219	219	182	107	193	194	200	228	200	236	200	202	188	188	162	167	340	151	128	101	73	
06/18/11	177	212	194	165	63	160	96	213	198	215	199	239	229	214	203	217	205	166	177	105	295	288	318	162	
06/19/11	226	199	204	199	195	213	206	219	204	203	199	204	198	199	157	187	151	130	147	284	283	273	273	270	
06/20/11	249	246	262	164	154	129	112	46	57	263	268	250	256	270	263	258	253	235	262	269	287	274	282	312	
06/21/11	306	267	197	194	143	114	103	73	51	37	270	249	278	229	264	223	245	265	243	269	271	269	271	316	
06/22/11	289	194	315	261	176	180	149	87	289	268	268	269	250	263	261	238	223	218	213	266	288	289	282	286	
06/23/11	293	292	285	312	267	251	246	255	275	235	256	227	252	247	287	259	310	209	97	283	284	295	288		
06/24/11	285	281	287	250	164	136	262	260	253	259	252	235	254	237	232	243	284	195	268	276	299	303	282	252	
06/25/11	255	260	246	295	168	203	145	280	275	265	263	230	248	254	248	220	294	287	273	286	307	97	134	136	
06/26/11	61	336	332	151	181	177	142	73	311	260	255	299	273	284	284	287	265	280	261	287	290	297	338	218	329
06/27/11	326	355	206	191	205	161	115	87	50	296	246	258	294	234	274	245	239	289	292	300	303	328	326	334	
06/28/11	1	205	178	190	183	165	113	85	288	271	278	264	264	239	265	255	263	261	258	271	282	207	242	259	
06/29/11	256	230	232	313	294	290	275	269	259	269	278	265	277	278	258	252	228	185	196	178	181	219	275	269	
06/30/11	198	142	135	99	154	192	216	221	233	265	262	258	260	271	292	255	252	211	228	306	306	345	172	182	

Hourly Averages	207	214	226	200	174	175	149	141	196	225	234	236	244	242	243	239	236	223	213	202	224	249	234	244	
Total Number of Observations:	720	Possible Number of Observations:	720	INV = Invalid Data																					ND = No Data Collection

APPENDIX KC1-B

HOURLY SIGMA THETA DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

SIGMA THETA (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
04/01/11	44	25	35	32	34	50	39	9	10	12	14	14	29	67	79	70	75	70	53	40	13	12	74	65
04/02/11	30	14	21	50	50	22	8	14	24	67	41	51	45	45	57	58	47	95	47	84	35	35	19	19
04/03/11	41	22	20	40	17	35	23	27	20	25	55	64	69	67	61	71	82	84	97	100	50	98	84	29
04/04/11	16	45	28	12	10	11	11	10	11	11	11	15	25	25	63	84	42	33	32	24	26	67	64	42
04/05/11	23	18	26	19	15	15	13	15	23	36	29	56	41	51	50	55	65	76	60	74	54	39	72	53
04/06/11	56	30	30	24	23	67	47	48	53	44	42	57	81	81	75	88	57	20	39	35	27	26	14	16
04/07/11	22	21	16	24	19	21	15	18	30	47	58	47	43	37	47	37	55	44	35	24	21	21	24	19
04/08/11	18	26	20	23	16	15	15	14	17	18	35	53	56	57	61	58	62	71	54	37	23	24	25	25
04/09/11	33	35	28	29	35	52	45	59	52	25	25	24	25	21	29	47	72	27	17	23	16	23	28	34
04/10/11	30	26	29	62	48	34	29	37	49	43	33	36	38	44	49	50	31	36	33	16	13	14	16	52
04/11/11	46	52	19	19	14	31	17	14	12	13	13	25	41	19	21	31	21	23	31	21	23	16	24	15
04/12/11	33	13	37	18	33	31	32	79	37	67	48	69	72	58	52	59	46	64	73	65	62	75	21	49
04/13/11	41	29	18	47	41	18	15	14	41	83	50	46	57	61	53	58	71	92	79	91	78	96	92	65
04/14/11	56	62	97	75	56	30	35	18	12	24	25	49	34	39	57	54	50	71	51	26	21	17	21	36
04/15/11	56	18	25	9	11	12	11	11	14	17	19	20	17	22	29	38	38	28	27	81	54	37	60	43
04/16/11	40	35	45	19	25	16	16	15	18	21	34	71	41	56	45	57	66	51	33	21	22	18	24	17
04/17/11	44	23	21	23	6	0	4	11	49	36	36	60	85	68	74	101	74	102	94	97	83	62	45	26
04/18/11	16	22	23	27	54	58	38	20	23	30	48	42	43	50	68	47	56	62	101	73	67	57	41	69
04/19/11	55	62	62	56	29	30	41	41	24	37	47	76	59	79	78	78	64	79	76	78	38	39	28	50
04/20/11	42	26	28	54	18	23	19	19	52	28	34	47	59	70	82	65	67	85	67	51	78	68	53	50
04/21/11	41	70	40	58	20	35	34	79	26	55	50	51	69	61	85	70	66	83	73	95	77	71	75	62
04/22/11	75	78	59	83	60	24	17	15	25	24	57	40	56	88	98	95	82	85	61	89	77	86	85	60
04/23/11	28	61	68	41	47	28	23	31	28	27	29	42	52	32	47	65	73	68	70	43	65	52	58	101
04/24/11	67	32	44	46	24	22	65	26	25	36	60	80	69	73	58	81	62	78	93	99	85	90	90	58
04/25/11	80	97	88	55	61	26	32	47	27	35	51	53	65	64	81	59	63	80	78	68	59	49	64	57
04/26/11	68	50	32	48	68	60	81	57	73	62	73	70	92	84	103	88	80	67	100	64	41	25	24	33
04/27/11	34	24	45	23	38	33	17	13	11	14	19	25	35	50	36	53	53	60	41	28	31	19	16	48
04/28/11	39	45	26	18	17	19	23	17	35	32	39	57	62	53	78	78	75	68	77	92	70	48	42	50
04/29/11	49	40	85	68	58	76	18	19	47	58	68	53	72	75	68	77	88	85	91	82	69	34	37	51
04/30/11	60	47	46	40	34	40	16	12	15	22	82	59	66	77	71	76	86	75	93	58	96	84	57	92

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

SIGMA THETA (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
05/01/11	21	12	10	10	11	10	13	13	14	18	43	67	48	43	39	43	51	35	24	22	15	10	9	9
05/02/11	9	20	14	15	13	17	17	18	18	19	18	25	27	24	26	42	21	16	14	13	9	11	10	24
05/03/11	12	17	22	23	21	16	19	19	16	24	23	19	16	17	28	24	22	22	18	20	22	19	21	25
05/04/11	19	14	13	15	15	19	17	15	15	11	16	45	77	44	68	73	70	45	63	30	25	79	30	41
05/05/11	59	39	21	29	24	15	16	22	15	40	53	51	58	55	83	55	67	65	61	65	55	33	31	40
05/06/11	66	33	17	25	16	17	23	14	74	22	32	63	59	72	62	80	87	68	78	63	60	39	25	26
05/07/11	19	25	51	43	24	12	11	30	29	56	35	55	69	59	47	42	84	68	65	93	75	33	73	86
05/08/11	37	35	42	21	45	37	44	64	28	38	44	59	68	52	42	57	61	77	75	85	42	55	40	57
05/09/11	64	38	22	23	28	68	48	47	57	36	34	49	77	90	65	67	87	91	91	95	96	70	76	61
05/10/11	51	21	17	23	43	30	28	47	56	47	74	60	91	94	83	88	83	84	91	91	91	44	38	44
05/11/11	44	26	48	36	44	27	59	82	31	49	55	59	72	68	73	68	83	72	70	55	79	72	64	45
05/12/11	25	17	20	19	84	25	30	27	22	26	22	28	37	31	51	60	60	62	57	34	26	16	32	27
05/13/11	45	63	43	24	22	16	24	30	16	14	15	68	34	59	56	86	85	78	74	73	57	62	42	37
05/14/11	18	31	43	36	24	50	64	42	33	72	67	64	57	47	88	61	81	54	47	86	78	81	58	86
05/15/11	40	65	39	28	28	25	25	27	40	22	34	32	55	34	47	46	57	64	65	79	36	42	26	36
05/16/11	55	28	24	75	31	58	36	35	30	34	36	40	35	44	50	58	39	55	50	86	40	31	41	29
05/17/11	20	18	22	43	42	44	26	52	62	40	64	63	53	50	62	58	76	83	79	87	86	81	72	86
05/18/11	71	73	23	24	26	38	27	35	30	28	45	39	39	62	74	77	65	56	83	96	66	66	88	54
05/19/11	36	21	37	70	38	37	35	30	38	34	40	76	86	68	69	75	70	58	82	70	65	51	34	33
05/20/11	64	53	29	31	34	61	48	45	22	71	86	78	72	79	77	80	80	76	79	60	25	46	32	75
05/21/11	32	26	28	20	53	59	64	18	32	61	44	70	70	89	60	71	62	63	75	73	31	38	41	47
05/22/11	27	66	26	64	52	43	8	16	36	34	58	59	66	80	66	77	54	91	61	53	45	37	66	94
05/23/11	70	23	19	17	21	19	27	28	34	49	48	59	58	62	38	49	69	67	79	67	35	21	23	21
05/24/11	30	77	47	40	23	21	20	25	40	30	52	64	88	79	55	58	85	82	92	73	88	79	60	19
05/25/11	11	20	23	34	19	32	37	33	51	42	84	77	57	53	53	42	57	48	74	78	61	37	34	13
05/26/11	10	17	29	48	31	27	54	35	39	36	42	46	83	93	68	70	89	70	89	95	41	61	70	74
05/27/11	45	41	25	42	47	24	27	46	30	48	53	30	53	55	61	76	69	80	101	77	85	73	46	57
05/28/11	57	58	69	39	15	32	65	28	27	31	38	38	35	64	61	71	60	89	72	50	40	23	27	28
05/29/11	22	21	18	27	17	16	18	26	40	36	59	61	47	39	72	46	51	60	70	60	61	77	55	40
05/30/11	46	53	45	71	41	36	72	41	33	43	66	45	43	51	46	56	65	54	43	24	18	51	43	55
05/31/11	26	20	17	19	18	14	17	19	29	18	21	38	41	52	41	63	88	60	35	50	83	39	43	51

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

SIGMA THETA (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
06/01/11	35	48	11	29	16	26	37	29	24	34	72	43	67	44	65	77	62	84	38	30	25	27	24	32
06/02/11	30	38	22	37	40	62	65	30	26	34	45	48	58	56	78	83	82	73	99	91	30	75	35	61
06/03/11	32	39	21	29	19	8	13	25	88	62	34	31	32	42	57	56	57	66	67	58	36	15	14	24
06/04/11	90	62	31	26	27	26	25	18	26	26	33	39	73	80	55	72	74	72	87	48	52	71	21	
06/05/11	58	18	18	35	18	17	24	40	24	9	30	44	58	60	54	70	89	76	94	73	39	45	73	51
06/06/11	38	23	15	19	12	12	36	18	22	33	38	30	40	52	52	62	54	87	68	94	33	26	17	27
06/07/11	48	24	23	52	28	14	24	38	87	25	52	51	53	60	56	80	82	89	100	67	35	39	33	44
06/08/11	15	28	14	20	17	44	41	26	40	69	58	34	40	54	53	57	70	78	72	91	55	49	32	29
06/09/11	66	54	35	31	33	13	29	24	36	44	95	57	63	45	51	68	58	54	52	33	46	24	21	21
06/10/11	18	21	53	40	41	13	21	22	45	21	39	44	57	53	64	64	66	94	82	56	73	45	57	39
06/11/11	94	67	16	57	38	18	12	47	31	35	35	51	64	52	76	64	50	53	51	39	18	23	13	26
06/12/11	30	55	74	32	30	11	30	25	46	37	45	62	49	51	70	60	47	51	64	47	42	42	29	32
06/13/11	45	64	40	25	18	23	24	24	41	38	39	40	47	60	72	94	89	65	74	84	78	27	42	23
06/14/11	23	10	3	5	18	3	0	23	56	25	30	54	59	63	64	45	45	56	55	78	54	24	18	24
06/15/11	68	8	28	30	30	15	23	31	42	22	39	62	64	71	72	65	86	68	81	77	43	56	57	46
06/16/11	36	17	22	27	19	38	32	19	21	27	37	52	44	55	54	49	83	68	86	85	51	41	26	22
06/17/11	23	31	25	26	26	24	39	16	25	41	67	62	48	67	71	66	62	74	77	91	85	90	68	30
06/18/11	70	19	16	63	18	52	30	47	36	63	48	66	77	77	63	76	69	64	89	73	49	40	72	80
06/19/11	34	22	14	15	15	19	19	25	44	34	58	44	65	74	69	72	74	97	95	95	79	83	32	29
06/20/11	37	14	17	42	66	46	26	14	45	86	66	66	74	64	70	72	62	67	74	49	31	26	26	25
06/21/11	31	61	16	23	59	16	25	18	20	20	64	55	67	38	59	54	62	69	60	41	35	18	18	25
06/22/11	76	45	48	24	52	23	41	25	30	15	35	56	54	65	64	70	70	76	83	66	34	30	23	37
06/23/11	28	27	25	49	16	34	14	21	26	57	74	57	61	65	75	91	98	92	92	92	65	29	43	31
06/24/11	35	50	28	83	53	76	20	66	22	45	59	78	76	68	55	78	69	86	77	71	27	39	21	23
06/25/11	14	16	34	34	65	48	28	73	16	23	45	44	67	64	71	62	53	67	82	73	37	44	31	31
06/26/11	40	25	48	17	18	18	8	16	54	35	49	70	67	70	56	77	66	64	61	29	29	49	92	21
06/27/11	19	61	27	35	26	22	32	24	41	52	43	61	75	48	53	62	79	80	42	43	24	19	21	21
06/28/11	52	23	20	26	23	25	26	20	65	20	34	31	36	38	26	60	47	41	66	33	83	43	22	48
06/29/11	44	30	52	39	24	30	28	26	38	36	66	64	56	59	74	84	83	65	75	64	35	83	37	25
06/30/11	64	36	28	31	24	11	24	23	48	45	45	43	64	67	66	59	66	69	75	78	23	30	47	21

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC1-C

HOURLY DIFFERENTIAL TEMPERATURE DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
APRIL 2011

10-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
04/01/11	20.4	19.3	20.3	21.0	19.9	19.5	18.3	20.9	21.9	22.5	23.4	25.1	26.4	27.4	28.4	28.6	28.7	27.8	26.8	25.9	25.2	25.1	23.4	23.4	28.7	18.3	23.7		
04/02/11	21.7	21.5	21.4	21.3	19.6	19.5	18.5	19.4	21.4	22.8	23.5	24.3	24.9	25.7	26.2	26.4	26.2	25.3	24.0	23.3	22.8	22.0	21.0	19.9	26.4	18.5	22.6		
04/03/11	19.0	18.4	17.6	17.2	16.9	16.0	15.1	14.8	15.2	16.1	17.3	17.9	18.6	19.4	19.8	20.3	20.3	19.8	19.0	18.3	17.6	16.9	16.2	15.9	20.3	14.8	17.7		
04/04/11	16.0	15.3	13.3	11.8	10.5	9.6	8.7	8.6	9.6	10.8	12.2	14.3	16.0	17.3	19.3	20.3	20.5	20.4	19.0	17.8	17.1	16.7	15.6	15.1	20.5	8.6	14.8		
04/05/11	14.1	13.7	13.3	12.5	12.3	11.9	11.9	13.7	16.7	19.0	20.3	21.5	22.0	22.8	23.1	23.4	22.8	21.9	21.0	20.4	20.0	19.6	19.3	19.1	23.4	11.9	18.2		
04/06/11	18.7	18.3	17.7	17.2	16.9	14.9	14.6	16.2	17.9	18.7	19.6	19.7	18.8	15.7	14.2	14.8	15.8	16.0	16.3	15.9	16.0	16.0	16.3	15.8	19.7	14.2	16.7		
04/07/11	15.3	14.6	13.7	13.0	12.5	12.1	11.9	12.2	12.6	13.5	14.3	15.4	16.4	16.7	17.2	17.8	18.1	18.0	17.5	16.9	16.1	15.1	14.1	13.4	18.1	11.9	14.9		
04/08/11	12.7	11.5	10.6	10.7	10.3	10.1	10.6	11.2	11.9	12.8	13.0	13.1	13.5	13.8	13.7	13.5	13.2	12.2	11.2	10.3	9.4	8.6	8.0	13.8	8.0	11.5			
04/09/11	7.4	7.0	6.6	6.5	5.8	3.0	1.9	0.9	0.2	-0.2	-0.1	0.0	0.0	0.1	0.3	0.9	1.4	1.3	1.4	1.4	1.1	0.8	7.4	-0.2	2.0				
04/10/11	0.8	0.4	0.7	0.2	0.1	0.1	0.8	3.4	4.4	4.9	5.9	6.4	7.6	8.5	9.2	9.4	9.7	9.2	8.7	8.3	8.2	8.0	7.6	9.7	0.1	5.1			
04/11/11	6.1	6.3	5.7	5.8	5.8	6.2	7.0	8.2	9.7	11.6	13.3	15.4	17.0	18.3	19.1	19.8	20.2	20.4	19.9	18.2	16.9	16.4	16.5	15.5	20.4	5.7	13.3		
04/12/11	16.0	15.9	14.5	13.8	13.8	13.1	12.3	13.7	14.2	16.6	16.5	17.3	17.8	18.1	18.3	18.6	18.7	18.6	18.1	17.4	16.7	15.3	14.9	14.1	18.7	12.3	16.0		
04/13/11	13.3	13.1	12.3	12.7	11.2	11.5	11.5	12.6	14.6	15.8	16.6	16.9	17.4	18.0	18.2	18.4	18.9	18.9	18.6	17.4	16.4	15.4	14.4	13.6	18.9	11.2	15.3		
04/14/11	13.0	11.9	10.4	9.9	9.4	9.0	8.5	8.9	9.4	10.6	12.2	13.2	14.1	15.1	15.9	16.3	16.8	16.9	16.5	15.8	15.3	15.1	15.0	14.7	16.9	8.5	13.1		
04/15/11	12.4	12.2	12.5	13.4	12.8	12.1	11.9	12.4	13.4	15.0	16.4	18.0	19.7	21.4	22.3	23.0	23.3	23.2	22.8	21.1	19.9	19.3	18.7	18.3	23.3	11.9	17.3		
04/16/11	17.3	16.5	17.5	16.3	15.6	15.3	15.2	16.9	19.2	21.2	22.4	23.4	23.9	24.3	24.7	25.2	25.5	25.2	24.4	23.5	23.0	22.7	22.8	22.6	25.5	15.2	21.0		
04/17/11	22.2	21.7	20.9	18.8	18.3	17.8	18.0	18.9	20.7	22.1	22.7	23.9	24.6	24.9	25.2	25.5	25.8	25.5	25.0	24.2	23.5	22.7	21.7	20.9	25.8	17.8	22.3		
04/18/11	20.1	18.9	18.0	17.3	16.6	15.6	15.9	17.8	18.5	19.6	20.7	21.4	22.2	22.8	23.4	24.1	24.3	23.9	23.2	22.1	21.0	20.1	19.2	17.9	24.3	15.6	20.2		
04/19/11	17.2	16.4	15.7	15.3	15.1	14.5	14.0	15.0	15.9	17.1	18.1	19.0	20.0	20.9	21.3	21.6	21.8	21.6	21.2	20.5	20.0	19.5	18.8	16.7	21.8	14.0	18.2		
04/20/11	16.1	15.9	15.4	15.0	14.0	14.0	13.2	14.9	17.2	18.5	19.4	20.2	20.8	21.2	21.8	22.3	22.4	22.3	21.9	21.4	20.8	20.3	19.7	19.4	22.4	13.2	18.7		
04/21/11	18.6	17.6	16.9	15.5	14.8	14.0	14.2	15.7	16.5	17.7	18.9	19.8	20.5	21.1	21.9	22.5	22.8	22.8	22.1	21.1	20.2	19.4	18.4	17.7	22.8	14.0	18.8		
04/22/11	17.3	16.7	15.9	15.7	15.2	15.8	16.2	16.5	17.1	17.7	18.6	19.5	20.2	21.0	21.6	22.1	22.2	22.1	21.2	20.4	19.9	19.4	18.9	18.3	22.2	15.2	18.7		
04/23/11	17.8	17.0	16.6	16.4	15.8	14.0	14.2	15.5	16.5	16.9	18.1	18.8	19.8	20.2	20.5	20.7	20.9	20.7	20.2	19.5	19.0	18.5	17.7	16.9	20.9	14.0	18.0		
04/24/11	16.4	15.4	14.6	14.1	13.3	13.2	12.7	13.6	14.1	15.7	16.8	17.1	17.9	18.8	19.6	20.2	20.0	19.6	18.5	17.8	17.2	16.6	16.0	15.4	20.2	12.7	16.4		
04/25/11	14.5	13.6	12.6	12.0	11.4	10.9	11.0	11.9	13.2	14.3	15.9	17.0	18.0	18.3	19.1	19.5	19.6	19.7	19.3	18.8	18.2	17.7	17.5	17.1	19.7	10.9	15.9		
04/26/11	16.6	16.3	15.4	14.7	14.1	13.2	12.9	13.1	13.7	14.8	16.0	17.0	18.1	19.1	20.0	20.7	21.3	20.7	20.1	19.3	18.5	17.4	17.0	16.3	21.3	12.9	16.9		
04/27/11	15.3	14.7	13.9	12.3	11.2	10.4	11.3	12.0	13.2	14.8	16.6	18.4	19.8	20.6	21.5	21.9	21.5	20.3	19.4	18.9	18.7	18.6	18.2	21.9	10.3	16.4			
04/28/11	17.7	16.3	15.3	15.2	14.7	13.4	13.9	16.5	18.9	20.2	21.4	22.0	23.0	23.7	24.2	24.4	24.4	24.4	23.7	22.8	22.0	21.2	21.2	20.4	24.4	13.4	20.0		
04/29/11	21.1	20.6	19.3	17.9	17.3	17.1	17.3	17.6	18.2	19.5	20.4	21.0	21.8	22.2	22.3	22.3	22.1	21.7	21.0	20.3	19.5	18.9	18.1	22.3	17.1	19.8			
04/30/11	17.3	16.5	16.0	13.8	13.4	11.4	11.8	12.1	12.9	14.6	16.1	17.1	17.6	17.8	17.7	17.5	17.5	17.2	16.5	15.3	14.0	13.3	12.7	11.6	17.8	11.4	15.1		

Hourly Averages

15.7 15.1 14.5 13.9 13.3 12.6 12.4 13.4 14.5 15.7 16.7 17.7 18.5 19.1 19.6 20.0 20.2 20.0 19.4 18.5 17.9 17.3 16.7 16.1

Maximum Hourly Temperature: 28.7

Minimum Hourly Temperature: -0.2

Average Monthly Temperature: 16.6

Maximum 24-Hour Mean: 23.7

Minimum 24-Hour Mean: 2.0

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

2-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	19.6	18.7	19.6	20.4	19.3	19.0	17.9	20.8	22.2	23.2	24.4	26.2	27.8	28.6	29.4	29.5	29.3	28.1	26.8	25.7	24.7	24.4	22.1	22.1	29.5	17.9	23.7
04/02/11	21.0	20.9	20.5	19.9	18.5	18.6	18.0	19.5	22.0	23.6	24.2	25.1	25.7	26.6	26.9	26.8	26.5	25.5	24.0	23.2	22.7	21.9	20.9	19.8	26.9	18.0	22.6
04/03/11	18.9	18.4	17.6	17.1	16.8	15.9	15.1	15.0	15.6	16.8	18.2	18.8	19.5	20.3	20.6	21.0	20.8	20.1	19.1	18.3	17.5	16.8	16.1	15.7	21.0	15.0	17.9
04/04/11	15.7	15.1	13.1	11.7	10.4	9.5	8.8	9.0	10.2	11.7	13.5	15.9	17.6	18.9	20.6	21.2	21.2	20.8	19.0	17.8	17.0	16.1	14.9	14.4	21.2	8.8	15.2
04/05/11	13.3	13.3	12.8	12.1	12.0	11.6	11.8	14.1	17.5	19.8	21.3	22.7	23.0	23.7	24.0	24.1	23.3	22.1	21.0	20.3	19.9	19.5	19.1	18.7	24.1	11.6	18.4
04/06/11	18.2	17.7	17.1	16.7	16.5	14.4	13.9	16.2	18.5	19.2	20.2	19.9	18.9	15.7	14.1	14.6	15.8	15.9	16.1	15.7	15.8	15.8	16.1	15.8	20.2	13.9	16.6
04/07/11	15.3	14.6	13.7	13.0	12.5	12.1	11.8	12.4	13.1	14.1	15.2	16.3	17.3	17.4	18.4	18.5	18.2	17.5	16.9	16.1	15.1	14.1	13.3	18.5	11.8	15.2	
04/08/11	12.7	11.4	10.4	10.6	10.1	9.9	10.8	11.9	12.7	13.6	13.9	14.0	14.2	14.4	14.2	13.9	13.4	12.3	11.3	10.4	9.5	8.8	8.2	14.4	8.2	11.8	
04/09/11	7.5	7.1	6.8	6.7	5.9	3.2	2.0	1.0	0.3	0.1	-0.1	0.1	0.1	0.2	0.3	0.4	1.1	1.6	1.5	1.5	1.6	1.5	1.0	0.7	7.5	-0.1	2.2
04/10/11	0.7	0.3	0.4	0.4	-0.1	-0.3	-0.1	1.0	3.9	4.9	5.5	6.6	7.1	8.4	9.3	9.9	10.0	10.1	9.3	8.7	8.3	8.1	7.6	7.2	10.1	-0.3	5.3
04/11/11	5.6	5.8	5.4	5.6	5.7	6.0	6.9	8.5	10.2	12.3	14.2	16.4	18.1	19.2	20.0	20.6	20.5	20.4	19.4	17.7	16.4	15.5	15.5	14.7	20.6	5.4	13.4
04/12/11	15.1	14.8	13.9	13.1	13.0	12.3	11.6	13.2	14.6	17.4	17.1	18.2	18.5	19.0	19.1	19.3	19.3	18.9	18.0	17.2	16.4	14.7	14.3	19.3	11.6	15.9	
04/13/11	12.6	12.4	11.7	11.9	10.6	10.9	11.2	13.0	15.4	16.6	17.6	17.9	18.4	18.9	19.1	19.0	19.4	19.2	18.6	17.4	16.3	15.3	14.4	13.4	19.4	10.6	15.5
04/14/11	12.8	11.8	10.4	9.8	9.1	8.6	8.1	9.1	9.7	11.2	12.8	14.0	14.9	15.9	16.7	16.9	17.3	17.2	16.5	15.8	15.3	15.0	14.6	14.2	17.3	8.1	13.2
04/15/11	11.8	11.8	12.2	13.0	12.5	11.9	11.8	12.7	14.0	15.8	17.4	19.2	20.8	22.5	23.5	24.1	24.0	23.6	22.6	20.6	19.0	18.6	18.0	17.8	24.1	11.8	17.5
04/16/11	16.9	16.1	17.0	15.7	15.2	14.8	15.0	17.2	19.8	22.1	23.7	24.3	25.0	25.1	25.4	25.9	26.1	25.5	24.4	23.4	22.8	22.5	22.3	22.1	26.1	14.8	21.2
04/17/11	21.5	21.1	20.0	18.2	17.8	17.4	17.7	19.2	21.4	22.7	23.6	24.9	25.5	25.8	26.0	26.1	26.2	25.7	24.9	24.1	23.2	22.6	21.5	20.7	26.2	17.4	22.4
04/18/11	19.9	18.7	17.9	17.1	16.0	15.0	15.6	17.9	18.9	20.3	21.5	22.3	23.1	23.5	24.2	24.7	24.8	24.0	23.2	22.0	21.0	20.0	19.1	17.8	24.8	15.0	20.4
04/19/11	17.2	16.2	15.6	15.1	14.8	14.3	13.9	15.4	16.5	18.0	19.0	19.9	21.0	22.0	22.2	22.3	22.2	21.9	21.2	20.3	19.9	19.1	18.4	16.1	22.3	13.9	18.4
04/20/11	15.7	15.5	14.8	14.4	13.6	13.5	12.9	15.4	18.0	19.3	20.4	21.0	21.6	22.1	22.7	23.1	23.0	22.7	22.0	21.2	20.7	20.0	19.5	19.2	23.1	12.9	18.8
04/21/11	18.4	17.5	16.7	15.1	14.5	13.7	14.0	16.0	17.0	18.5	19.8	20.8	21.6	22.1	22.8	23.2	23.4	23.1	22.1	21.0	20.1	19.3	18.2	17.6	23.4	13.7	19.0
04/22/11	17.1	16.6	15.8	15.5	14.9	15.3	16.1	16.7	17.6	18.4	19.6	20.4	21.2	22.1	22.5	22.7	22.7	22.4	21.3	20.4	19.8	19.2	18.7	18.2	22.7	14.9	19.0
04/23/11	17.7	16.9	16.5	16.2	15.4	13.7	14.0	15.7	16.9	17.4	19.1	19.7	20.7	21.1	21.4	21.4	21.4	20.9	20.2	19.3	18.8	18.5	17.6	16.9	21.4	13.7	18.2
04/24/11	16.2	15.4	14.5	14.0	13.2	12.8	12.7	13.9	14.8	16.5	17.7	18.0	18.7	19.7	20.4	20.9	19.9	18.6	17.9	17.2	16.6	16.0	15.4	20.9	12.7	16.7	
04/25/11	14.5	13.7	12.6	11.7	11.1	10.5	10.9	12.4	13.7	14.8	16.7	18.1	19.1	19.9	20.2	20.2	20.0	19.4	18.8	18.2	17.6	17.4	16.9	20.2	10.5	16.1	
04/26/11	16.5	16.2	15.4	14.7	14.1	13.1	13.0	13.4	14.3	15.5	16.9	17.9	19.1	20.0	20.8	21.4	21.7	21.0	20.1	19.3	18.5	17.4	16.9	16.2	21.7	13.0	17.2
04/27/11	15.0	14.5	13.6	12.0	11.1	10.2	10.6	11.8	12.8	14.3	16.3	18.3	20.1	21.1	21.8	22.5	22.7	22.0	20.4	19.4	18.8	18.6	18.3	17.7	22.7	10.2	16.8
04/28/11	17.2	15.8	14.6	14.4	13.8	12.8	13.9	17.0	19.8	21.2	22.5	23.1	24.1	24.8	25.1	25.2	25.0	24.7	23.7	22.7	21.7	20.8	20.6	19.6	25.2	12.8	20.2
04/29/11	20.9	20.5	19.2	17.7	17.2	16.9	17.3	17.6	18.1	18.9	20.3	21.4	22.0	22.8	22.9	23.0	22.8	22.5	21.7	21.0	20.2	19.4	18.8	17.9	23.0	16.9	20.0
04/30/11	17.1	16.4	15.4	13.1	12.8	11.2	11.9	12.7	13.9	16.0	17.2	18.0	18.5	18.8	18.5	18.3	18.2	17.6	16.6	15.3	14.0	13.2	12.5	11.2	18.8	11.2	15.3

Hourly Averages	15.4	14.8	14.2	13.6	13.0	12.3	13.6	15.1	16.4	17.6	18.6	19.4	20.0	20.4	20.7	20.7	20.3	19.4	18.5	17.7	17.1	16.4	15.8				
Maximum Hourly Temperature:	29.5																										
Minimum Hourly Temperature:	-0.3																										
Average Monthly Temperature:	16.8																										
Maximum 24-Hour Mean:	23.7																										
Minimum 24-Hour Mean:	2.2																										
Total Number of Observations:	720																										
Possible Number of Observations:	720																										
INV = Invalid Data																											
ND = No Data Collection																											

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
APRIL 2011
DIFFERENTIAL TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	0.839	0.537	0.678	0.607	0.601	0.495	0.361	0.077	-0.330	-0.736	-1.082	-1.163	-1.354	-1.260	-0.962	-0.865	-0.599	-0.266	0.050	0.203	0.469	0.759	1.308	1.293	1.308	-1.354	-0.014
04/02/11	0.689	0.597	0.895	1.345	1.064	0.875	0.562	-0.096	-0.607	-0.744	-0.717	-0.845	-0.821	-0.844	-0.788	-0.447	-0.264	-0.207	0.003	0.119	0.117	0.085	0.086	0.059	1.345	-0.845	0.005
04/03/11	0.057	-0.001	0.024	0.111	0.123	0.056	0.056	-0.201	-0.443	-0.716	-0.835	-0.916	-0.809	-0.889	-0.828	-0.668	-0.466	-0.256	-0.039	0.005	0.059	0.051	0.138	0.112	0.138	-0.916	-0.261
04/04/11	0.249	0.198	0.267	0.084	0.032	0.036	-0.094	-0.338	-0.664	-0.899	-1.223	-1.580	-1.599	-1.614	-1.230	-0.979	-0.649	-0.438	-0.075	0.024	0.109	0.598	0.790	0.724	0.790	-1.614	-0.345
04/05/11	0.815	0.433	0.550	0.320	0.248	0.273	0.101	-0.323	-0.728	-0.876	-1.035	-1.232	-1.035	-0.957	-0.841	-0.701	-0.515	-0.214	0.006	0.072	0.111	0.111	0.232	0.321	0.815	-1.232	-0.203
04/06/11	0.454	0.539	0.549	0.578	0.435	0.514	0.704	0.028	-0.654	-0.481	-0.602	-0.236	-0.134	0.034	0.057	0.113	-0.010	0.112	0.152	0.231	0.162	0.175	0.116	0.067	0.704	-0.654	0.121
04/07/11	0.078	0.033	0.025	0.037	0.047	0.033	0.106	-0.232	-0.472	-0.621	-0.856	-0.938	-0.948	-0.635	-0.584	-0.601	-0.418	-0.238	-0.057	-0.011	0.012	0.006	0.046	0.057	0.106	-0.948	-0.255
04/08/11	0.082	0.028	0.222	0.297	0.125	0.155	0.181	-0.229	-0.672	-0.735	-0.780	-0.858	-0.906	-0.755	-0.609	-0.450	-0.336	-0.218	-0.112	-0.098	-0.079	-0.075	-0.161	-0.162	0.297	-0.906	-0.256
04/09/11	-0.159	-0.157	-0.183	-0.164	-0.161	-0.195	-0.182	-0.110	-0.101	-0.120	-0.141	-0.153	-0.154	-0.168	-0.146	-0.102	-0.196	-0.208	-0.203	-0.141	-0.121	-0.055	0.042	0.116	0.116	-0.208	-0.132
04/10/11	0.095	0.167	0.211	0.271	0.283	0.362	0.143	-0.225	-0.492	-0.460	-0.618	-0.765	-0.747	-0.837	-0.834	-0.759	-0.564	-0.389	-0.105	-0.044	0.057	0.172	0.386	0.463	0.463	-0.837	-0.176
04/11/11	0.432	0.416	0.318	0.172	0.132	0.252	0.107	-0.292	-0.554	-0.675	-0.913	-1.021	-1.099	-0.948	-0.861	-0.739	-0.334	-0.022	0.464	0.514	0.514	0.898	0.987	0.772	0.987	-1.099	-0.062
04/12/11	0.857	1.156	0.612	0.685	0.757	0.765	0.702	0.501	-0.372	-0.747	-0.599	-0.872	-0.774	-0.907	-0.754	-0.689	-0.579	-0.326	0.052	0.189	0.334	0.602	0.575	0.671	1.156	-0.907	0.077
04/13/11	0.684	0.680	0.689	0.848	0.571	0.600	0.336	-0.360	-0.732	-0.779	-0.936	-0.963	-0.921	-0.937	-0.881	-0.664	-0.515	-0.271	-0.035	0.043	0.076	0.060	0.074	0.128	0.848	-0.963	-0.134
04/14/11	0.151	0.066	0.032	0.092	0.289	0.446	0.362	-0.134	-0.252	-0.597	-0.637	-0.800	-0.800	-0.805	-0.848	-0.660	-0.544	-0.297	-0.048	-0.021	0.033	0.065	0.352	0.461	0.461	-0.848	-0.171
04/15/11	0.630	0.367	0.274	0.340	0.300	0.267	0.061	-0.226	-0.548	-0.792	-1.045	-1.151	-1.078	-1.112	-1.245	-1.125	-0.708	-0.356	0.168	0.504	0.866	0.619	0.710	0.457	0.866	-1.245	-0.159
04/16/11	0.439	0.409	0.464	0.516	0.426	0.484	0.227	-0.239	-0.583	-0.946	-1.321	-0.907	-1.003	-0.813	-0.763	-0.698	-0.573	-0.313	-0.014	0.075	0.201	0.278	0.495	0.447	0.516	-1.321	-0.155
04/17/11	0.683	0.557	0.863	0.625	0.525	0.418	0.327	-0.356	-0.701	-0.609	-0.809	-0.986	-0.905	-0.942	-0.806	-0.611	-0.453	-0.215	0.010	0.125	0.251	0.143	0.157	0.133	0.863	-0.986	-0.107
04/18/11	0.152	0.127	0.149	0.227	0.658	0.581	0.250	-0.112	-0.464	-0.724	-0.814	-0.877	-0.903	-0.769	-0.782	-0.635	-0.460	-0.116	-0.034	0.035	0.062	0.065	0.066	0.092	0.658	-0.903	-0.176
04/19/11	0.054	0.128	0.130	0.196	0.371	0.265	0.069	-0.421	-0.668	-0.929	-0.864	-0.925	-1.078	-1.071	-0.858	-0.680	-0.456	-0.251	-0.055	0.119	0.115	0.319	0.356	0.615	0.615	-1.078	-0.230
04/20/11	0.439	0.393	0.583	0.609	0.441	0.518	0.300	-0.444	-0.765	-0.831	-0.947	-0.761	-0.818	-0.912	-0.974	-0.789	-0.574	-0.404	-0.038	0.158	0.169	0.319	0.259	0.158	0.609	-0.974	-0.163
04/21/11	0.160	0.177	0.209	0.459	0.371	0.340	0.125	-0.343	-0.475	-0.727	-0.893	-1.027	-1.055	-0.948	-0.924	-0.728	-0.642	-0.300	-0.003	0.034	0.068	0.111	0.124	0.145	0.459	-1.055	-0.239
04/22/11	0.168	0.120	0.141	0.220	0.366	0.464	0.139	-0.202	-0.571	-0.688	-0.921	-0.900	-0.986	-1.102	-0.943	-0.696	-0.519	-0.294	-0.035	0.071	0.164	0.214	0.185	0.127	0.464	-1.102	-0.228
04/23/11	0.100	0.113	0.131	0.192	0.401	0.397	0.141	-0.237	-0.398	-0.489	-0.956	-0.926	-0.896	-0.933	-0.869	-0.665	-0.510	-0.265	-0.074	0.142	0.133	0.041	0.069	0.057	0.401	-0.956	-0.221
04/24/11	0.156	0.061	0.080	0.112	0.168	0.363	-0.013	-0.304	-0.621	-0.860	-0.864	-0.884	-0.853	-0.921	-0.804	-0.675	-0.454	-0.304	-0.100	-0.033	-0.034	0.009	0.014	0.033	0.363	-0.921	-0.280
04/25/11	-0.014	-0.022	0.055	0.293	0.238	0.410	0.098	-0.508	-0.453	-0.581	-0.776	-1.082	-1.009	-0.789	-0.806	-0.772	-0.564	-0.339	-0.080	0.003	0.028	0.080	0.106	0.136	0.410	-1.082	-0.265
04/26/11	0.130	0.075	0.037	0.040	0.025	0.085	-0.096	-0.287	-0.519	-0.705	-0.820	-0.889	-0.972	-0.952	-0.783	-0.701	-0.444	-0.270	-0.046	0.000	0.019	0.000	0.044	0.094	0.130	-0.972	-0.289
04/27/11	0.377	0.194	0.257	0.234	0.114	0.099	-0.187	-0.520	-0.782	-1.118	-1.526	-1.655	-1.785	-1.298	-1.223	-1.023	-0.793	-0.446	-0.122	-0.010	0.066	0.120	0.256	0.438	0.438	-1.785	-0.431
04/28/11	0.538	0.487	0.689	0.840	0.860	0.578	-0.029	-0.506	-0.908	-0.977	-1.109	-1.138	-1.153	-1.087	-0.944	-0.862	-0.604	-0.328	-0.007	0.108	0.263	0.424	0.518	0.824	0.860	-1.153	-0.147
04/29/11	0.224	0.123	0.139	0.115	0.119	0.176	0.034	-0.250	-0.482	-0.667	-0.857	-0.973	-0.968	-0.951	-0.744	-0.680	-0.521	-0.360	-0.053	0.026	0.052	0.082	0.169	0.160	0.224	-0.973	-0.254
04/30/11	0.191	0.099	0.535	0.767	0.618	0.266	-0.131	-0.584	-0.960	-1.392	-1.066	-0.884	-0.935	-1.020	-0.854	-0.735	-0.617	-0.374	-0.089	-0.019	0.044	0.046	0.205	0.389	0.767	-1.392	-0.271

Hourly Averages

0.325	0.270	0.321	0.369
0.352	0.346	0.159	-0.249
-0.566	-0.741	-0.885	-0.944
-0.950	-0.905	-0.814	-0.676
-0.496	-0.272	-0.017	0.081
0.144	0.211	0.290	0.313

Maximum Hourly Differential Temperature: 1.345 **Minimum Hourly Differential Temperature:** -1.785

Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
MAY 2011

10-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
05/01/11	9.9	10.3	9.9	9.4	9.2	8.9	9.1	9.6	10.5	11.7	12.6	13.7	14.4	14.9	15.6	16.2	16.5	16.4	15.8	15.3	14.4	13.5	12.9	12.5	16.5	8.9	12.6	
05/02/11	12.0	10.9	10.1	9.8	9.5	9.1	9.6	11.3	12.4	13.4	14.7	16.1	17.4	18.3	19.1	19.6	19.9	19.8	19.5	18.6	17.9	17.3	16.9	15.2	19.9	9.1	14.9	
05/03/11	14.9	14.2	13.5	13.0	12.4	12.1	12.9	15.0	16.4	18.2	19.5	20.2	21.3	22.3	23.0	23.6	24.0	24.2	23.9	22.5	20.8	20.6	19.3	18.5	24.2	12.1	18.6	
05/04/11	17.4	17.2	16.6	16.4	16.2	16.3	16.6	18.1	18.9	20.6	22.5	24.3	25.5	26.5	26.7	26.2	26.2	25.7	25.1	24.3	23.6	22.1	23.2	21.1	26.7	16.2	21.5	
05/05/11	21.0	19.9	19.9	19.9	18.6	17.7	17.3	20.2	22.3	23.8	25.2	26.4	26.9	27.3	27.7	27.5	27.4	27.0	26.3	25.7	24.8	23.9	23.3	23.9	27.7	17.3	23.5	
05/06/11	23.0	23.4	23.2	22.2	21.7	18.9	18.7	19.7	22.6	23.3	24.3	25.5	26.0	26.4	26.7	26.9	26.9	26.7	26.1	25.5	24.5	23.1	21.5	21.9	26.9	18.7	23.7	
05/07/11	21.5	22.8	21.2	20.0	19.2	18.7	18.4	20.3	22.3	23.6	24.4	25.6	26.4	26.5	26.8	27.0	26.9	26.8	26.6	25.7	24.9	24.3	23.3	22.7	27.0	18.4	23.6	
05/08/11	21.6	20.7	20.0	19.2	18.2	16.6	16.7	18.4	19.5	20.9	22.3	23.2	24.2	24.9	24.9	25.5	25.7	25.6	25.0	24.0	22.9	21.9	20.6	19.9	18.1	25.7	16.6	21.5
05/09/11	17.1	16.5	16.3	16.0	15.7	14.1	11.9	11.8	12.3	12.5	13.4	14.6	15.6	16.0	16.4	17.0	17.2	17.0	16.2	15.4	14.8	14.1	13.3	12.9	17.2	11.8	14.9	
05/10/11	12.7	12.2	11.0	10.1	9.6	9.4	9.0	10.1	10.7	11.8	12.0	12.6	13.2	13.6	13.7	14.0	13.7	13.4	13.0	12.7	12.5	12.3	12.2	12.1	14.0	9.0	12.0	
05/11/11	11.3	10.2	10.2	9.5	10.2	9.2	10.0	11.7	12.5	13.9	14.9	15.6	16.4	17.3	17.9	18.4	18.8	18.9	18.7	18.3	17.8	17.6	17.5	17.3	18.9	9.2	14.7	
05/12/11	17.1	16.8	16.5	16.5	16.0	13.8	14.2	17.1	18.5	19.4	20.4	21.5	22.6	23.7	24.5	25.5	24.8	24.4	23.8	23.0	22.5	22.0	22.2	22.2	25.5	13.8	20.4	
05/13/11	21.8	20.3	19.2	18.6	17.3	17.4	18.4	21.0	22.5	24.0	25.3	26.2	26.8	27.4	28.0	28.4	28.6	28.7	28.0	26.9	26.3	25.1	24.3	22.6	28.7	17.3	23.9	
05/14/11	21.7	20.7	20.1	19.0	18.2	17.4	17.6	18.8	20.3	21.4	22.1	23.0	23.6	24.3	24.6	25.1	25.1	25.0	24.4	23.5	22.7	21.9	21.2	20.7	25.1	17.4	21.8	
05/15/11	19.8	19.0	17.9	16.9	16.8	17.0	17.2	18.7	19.8	20.9	21.7	22.6	24.0	24.4	25.2	25.7	25.6	25.1	24.0	22.6	21.3	20.1	18.9	18.1	25.7	16.8	21.0	
05/16/11	17.5	17.0	16.5	15.4	14.8	14.4	14.8	15.6	17.0	17.9	18.8	20.1	21.2	21.6	22.4	22.8	22.6	22.0	21.0	19.6	18.1	17.0	16.1	15.3	22.8	14.4	18.3	
05/17/11	14.4	13.6	13.1	12.3	11.9	11.4	11.5	12.0	12.9	13.8	14.6	15.6	16.3	17.0	17.4	17.2	17.1	16.8	16.2	15.5	14.9	14.5	14.2	14.0	17.4	11.4	14.5	
05/18/11	13.8	13.5	12.7	11.8	11.4	11.3	11.4	11.5	11.8	11.8	12.3	13.0	13.8	14.5	15.2	15.3	14.1	12.1	11.3	11.6	10.4	8.9	8.8	15.3	8.8	12.3		
05/19/11	9.2	8.5	7.8	7.7	7.6	7.5	7.4	8.4	8.7	9.7	10.6	11.7	12.7	13.4	14.5	14.8	15.2	15.2	15.1	14.6	14.3	13.3	12.5	12.0	15.2	7.4	11.4	
05/20/11	12.1	13.1	12.9	12.6	12.2	10.6	10.9	12.7	13.8	15.1	16.0	16.5	17.5	18.4	19.1	19.6	19.9	20.0	19.7	19.3	18.9	18.5	18.1	17.9	20.0	10.6	16.0	
05/21/11	17.7	17.7	17.5	17.3	16.9	15.7	15.3	16.9	19.2	20.5	21.6	22.0	22.4	23.4	23.8	24.4	24.4	24.2	23.6	22.8	22.2	20.9	20.6	20.9	24.4	15.3	20.5	
05/22/11	18.9	18.5	18.4	18.0	17.1	16.0	16.4	18.0	19.5	20.2	21.4	22.2	23.1	23.4	23.8	24.3	24.2	24.3	24.2	23.5	22.9	22.4	21.1	19.5	24.3	16.0	20.9	
05/23/11	19.0	18.6	18.0	17.4	17.0	16.5	16.3	17.1	17.7	18.6	19.6	20.8	21.9	22.6	23.3	23.8	24.2	23.8	22.8	21.8	20.9	19.8	18.8	17.9	24.2	16.3	19.9	
05/24/11	16.9	15.9	15.3	14.8	14.5	14.3	14.7	15.2	15.6	16.2	17.2	18.6	19.9	20.4	20.8	21.3	21.8	21.7	21.3	20.7	20.3	20.0	18.7	18.1	21.8	14.3	18.1	
05/25/11	18.4	18.2	17.1	16.3	16.2	15.9	16.2	19.1	20.9	22.0	22.8	23.9	24.8	25.6	26.1	26.5	26.6	26.4	25.7	24.8	24.3	22.9	21.6	21.4	26.6	15.9	21.8	
05/26/11	20.6	20.8	20.0	19.4	19.5	20.5	19.5	21.2	22.1	23.0	24.2	25.2	25.9	26.4	26.9	27.2	27.7	27.7	27.0	25.8	25.0	24.4	23.6	23.2	27.7	19.4	23.6	
05/27/11	23.0	22.6	22.0	20.9	20.0	18.6	19.1	21.1	22.7	23.6	24.6	25.6	26.9	27.2	28.0	28.7	28.8	28.6	28.0	27.2	26.4	25.1	23.7	23.7	28.8	18.6	24.4	
05/28/11	24.9	23.6	23.0	22.2	21.2	20.3	20.0	21.7	22.9	24.3	25.2	25.9	26.6	27.4	28.2	29.0	29.0	28.9	28.6	27.7	26.6	25.4	24.3	23.4	29.0	20.0	25.0	
05/29/11	22.6	21.5	20.6	19.9	19.8	19.1	19.0	19.3	20.1	20.6	21.1	21.8	22.6	23.7	23.8	24.0	23.6	23.5	22.2	20.1	19.1	17.7	15.9	14.3	24.0	14.3	20.7	
05/30/11	13.3	12.4	11.8	11.3	10.9	10.3	11.0	11.8	12.6	14.0	15.1	16.4	17.9	18.6	19.2	20.0	20.2	20.4	20.2	19.4	18.9	17.6	17.5	16.7	20.4	10.3	15.7	
05/31/11	16.5	15.7	15.2	14.5	14.1	14.0	15.9	19.5	21.7	23.3	24.6	25.6	26.6	27.7	28.6	28.6	27.9	27.3	26.7	26.1	25.3	24.8	23.7	22.5	28.6	14.0	22.3	

Hourly Averages
 17.5 17.0 16.4 15.7 15.3 14.6 14.7 16.2 17.4 18.5 19.5 20.5 21.4 22.1 22.6 23.0 23.1 22.9 22.2 21.4 20.6 19.8 19.0 18.4

Maximum Hourly Temperature: 29.0 **Minimum Hourly Temperature:** 7.4 **Average Monthly Temperature:** 19.2

Maximum 24-Hour Mean: 25.0

Minimum 24-Hour Mean: 11.4

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

2-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	9.6	10.2	9.7	9.3	9.1	8.8	9.3	10.1	11.5	13.0	14.0	15.0	15.5	16.0	16.9	17.3	17.3	16.9	16.0	15.2	14.3	13.4	12.8	12.4	17.3	8.8	13.1
05/02/11	11.9	10.7	9.9	9.7	9.4	9.1	9.7	11.7	13.1	14.3	15.6	17.5	19.0	19.9	20.6	20.7	20.9	20.4	19.4	18.2	17.6	17.0	16.6	15.0	20.9	9.1	15.3
05/03/11	14.6	13.8	13.2	12.8	12.3	11.9	13.0	15.4	17.0	19.0	20.5	21.2	22.4	23.5	24.1	24.6	24.7	24.5	23.7	22.1	20.2	19.9	18.7	18.0	24.7	11.9	18.8
05/04/11	17.0	16.8	16.3	16.1	15.9	16.0	16.5	18.5	19.7	21.7	23.8	25.7	26.7	27.7	27.3	26.6	26.6	25.9	25.1	24.1	23.3	21.2	22.6	19.9	27.7	15.9	21.7
05/05/11	20.1	19.2	19.1	19.1	17.7	16.8	16.9	20.6	23.1	25.0	26.0	27.3	28.1	28.2	28.8	28.2	28.2	27.3	26.4	25.6	24.4	23.2	22.5	23.3	28.8	16.8	23.5
05/06/11	21.8	23.0	22.5	21.4	20.7	18.2	18.4	20.2	23.1	23.8	24.9	26.5	26.9	27.5	27.6	27.7	27.6	27.1	26.2	25.3	23.9	22.1	21.0	21.1	27.7	18.2	23.7
05/07/11	20.7	22.1	20.4	19.1	18.5	18.0	18.1	20.8	23.2	24.3	25.1	26.6	27.6	27.8	27.9	27.5	27.2	26.6	25.6	24.7	24.0	22.4	22.3	27.9	18.0	23.7	
05/08/11	21.4	20.2	19.5	18.8	17.5	16.3	16.6	19.0	20.2	21.6	23.2	24.2	25.3	25.9	26.5	26.5	26.1	25.3	24.0	22.8	21.8	20.6	19.8	18.1	26.5	16.3	21.7
05/09/11	17.0	16.4	16.2	16.0	15.7	14.2	12.2	12.3	12.7	13.1	14.3	15.3	16.6	16.9	17.3	17.8	17.8	17.4	16.4	15.4	14.8	14.1	13.3	12.8	17.8	12.2	15.3
05/10/11	12.6	12.1	11.0	10.0	9.6	9.3	9.3	10.5	11.3	12.6	12.8	13.5	14.1	14.4	14.8	14.3	13.9	13.2	12.7	12.4	12.3	12.2	11.9	14.8	9.3	12.3	
05/11/11	11.0	9.9	9.8	9.1	9.5	8.7	10.0	12.2	13.1	14.7	15.9	16.5	17.6	18.3	18.9	19.2	19.4	19.3	18.9	18.3	17.6	17.4	17.2	19.4	8.7	15.0	
05/12/11	17.0	16.8	16.4	16.4	15.7	13.1	14.2	17.7	19.7	20.9	22.1	23.3	24.1	25.0	26.0	26.6	25.6	24.8	23.9	23.1	22.4	21.9	22.1	26.6	13.1	20.9	
05/13/11	21.4	19.7	18.7	17.8	16.8	17.1	18.5	21.4	23.4	25.1	26.7	27.7	28.2	28.7	29.3	29.4	29.5	29.2	28.1	26.8	26.1	24.4	24.0	22.5	29.5	16.8	24.2
05/14/11	21.7	20.6	19.7	18.8	17.9	17.0	17.6	19.2	20.9	22.4	23.0	24.0	24.7	25.6	25.7	25.9	25.8	25.5	24.6	23.5	22.5	21.7	21.1	20.4	25.9	17.0	22.1
05/15/11	19.6	18.7	17.4	16.6	16.2	16.3	17.0	19.1	20.5	21.9	22.8	23.8	25.2	25.6	26.2	26.6	26.2	25.4	24.1	22.6	21.3	20.0	18.8	18.0	26.6	16.2	21.2
05/16/11	17.3	16.9	16.0	14.8	14.3	13.8	14.9	16.0	17.7	18.8	19.9	21.3	22.5	22.7	23.4	23.6	23.3	22.4	21.2	19.6	18.1	17.1	16.0	15.3	23.6	13.8	18.6
05/17/11	14.4	13.6	13.1	12.3	12.0	11.4	11.6	12.4	13.5	14.7	15.6	16.6	17.4	18.0	18.2	18.0	17.7	17.2	16.5	15.6	15.0	14.5	14.2	14.0	18.2	11.4	14.9
05/18/11	13.7	13.3	12.7	11.8	11.5	11.5	11.7	11.8	12.1	12.1	12.0	12.5	13.3	14.1	15.0	15.5	15.6	14.3	12.2	11.3	11.5	10.4	9.1	9.0	15.6	9.0	12.4
05/19/11	9.3	8.5	7.8	7.7	7.6	7.5	7.6	8.7	9.2	10.3	11.6	12.7	13.7	14.2	15.6	15.6	15.8	15.6	15.2	14.6	14.1	12.9	12.2	11.6	15.8	7.5	11.6
05/20/11	11.6	12.7	12.8	12.4	11.9	10.1	11.1	13.1	14.2	15.8	17.0	17.5	18.6	19.4	20.0	20.4	20.6	20.4	19.9	19.3	18.8	18.4	18.0	17.9	20.6	10.1	16.3
05/21/11	17.6	17.6	17.4	17.3	16.8	15.0	15.3	17.6	20.3	21.8	23.1	23.2	23.6	24.7	24.9	25.6	25.2	24.7	23.8	22.8	22.0	20.4	19.9	20.0	25.6	15.0	20.8
05/22/11	18.3	17.8	17.8	16.8	16.6	15.5	16.3	18.7	20.0	20.8	22.4	23.2	24.2	24.4	24.8	25.2	24.9	24.8	24.3	23.4	22.8	22.2	21.0	19.5	25.2	15.5	21.1
05/23/11	18.8	18.3	17.9	17.1	16.6	16.2	16.4	17.5	18.2	19.4	20.5	21.8	22.9	23.7	24.4	24.7	24.8	24.2	22.9	21.8	20.9	19.9	18.9	18.0	24.8	16.2	20.2
05/24/11	16.9	15.8	15.2	14.7	14.3	14.1	14.7	15.6	16.3	17.0	18.2	19.7	21.2	21.4	21.8	22.1	22.5	22.2	21.5	20.7	20.2	19.8	18.1	17.6	22.5	14.1	18.4
05/25/11	17.9	17.5	15.9	15.6	15.6	15.3	16.1	19.7	21.9	23.4	24.2	25.0	25.9	26.7	27.2	27.5	27.4	26.9	25.9	24.8	24.1	22.4	21.1	20.8	27.5	15.3	22.0
05/26/11	19.8	20.0	19.4	18.7	18.8	19.2	19.1	21.5	22.6	23.5	25.0	26.3	27.0	27.5	28.0	28.0	28.5	28.0	27.1	25.8	24.9	24.2	23.3	23.0	28.5	18.7	23.7
05/27/11	22.8	22.4	21.9	20.8	19.3	18.4	19.3	21.7	23.3	24.4	25.5	26.8	27.9	28.1	29.0	29.4	29.5	29.0	28.1	27.1	26.1	24.6	23.2	22.9	29.5	18.4	24.6
05/28/11	24.7	23.4	22.8	21.9	20.9	19.8	20.1	22.0	23.7	25.2	26.2	27.0	27.7	28.4	29.0	29.7	29.6	29.3	28.7	27.6	26.6	25.4	24.3	23.3	29.7	19.8	25.3
05/29/11	22.5	21.4	20.5	19.7	19.6	19.0	19.1	19.7	20.7	21.4	22.0	22.7	23.7	24.7	24.6	24.8	24.3	24.0	22.4	20.2	19.1	17.8	15.9	14.4	24.8	14.4	21.0
05/30/11	13.4	12.4	11.8	11.3	10.8	10.1	11.3	12.3	13.2	14.8	16.2	17.6	19.1	19.7	20.5	21.0	21.1	21.0	20.5	19.5	18.9	17.2	17.0	16.2	21.1	10.1	16.1
05/31/11	15.8	14.9	14.7	14.1	13.7	13.6	16.0	20.1	22.6	24.2	25.7	26.9	28.0	29.0	29.6	29.4	28.4	27.5	26.8	26.0	25.1	24.4	22.8	21.9	29.6	13.6	22.6

Hourly Averages 17.2 16.7 16.0 15.4 14.9 14.2 14.8 16.7 18.1 19.4 20.5 21.6 22.5 23.1 23.6 23.9 23.8 23.3 22.4 21.3 20.5 19.5 18.7 18.1

Maximum Hourly Temperature: 29.7 **Minimum Hourly Temperature:** 7.5 **Average Monthly Temperature:** 19.4

Maximum 24-Hour Mean: 25.3 **Minimum 24-Hour Mean:** 11.6

Total Number of Observations: 744 **Possible Number of Observations:** 744 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
MAY 2011
DIFFERENTIAL TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	0.346	0.133	0.137	0.095	0.112	0.115	-0.150	-0.472	-0.934	-1.309	-1.365	-1.253	-1.115	-1.094	-1.287	-1.123	-0.825	-0.523	-0.152	0.068	0.122	0.088	0.108	0.127	0.346	-1.365	-0.423
05/02/11	0.112	0.216	0.212	0.143	0.073	0.081	-0.159	-0.439	-0.672	-0.859	-0.947	-1.350	-1.608	-1.642	-1.477	-1.150	-0.958	-0.574	0.059	0.377	0.319	0.319	0.261	0.219	0.377	-1.642	-0.394
05/03/11	0.335	0.356	0.274	0.179	0.165	0.138	-0.108	-0.346	-0.573	-0.869	-1.036	-1.053	-1.155	-1.182	-1.095	-0.915	-0.652	-0.300	0.140	0.396	0.587	0.698	0.624	0.493	0.698	-1.182	-0.204
05/04/11	0.423	0.387	0.333	0.280	0.277	0.274	0.035	-0.447	-0.754	-1.107	-1.288	-1.460	-1.162	-1.193	-0.641	-0.393	-0.414	-0.186	0.075	0.211	0.271	0.915	0.655	1.155	1.155	-1.460	-0.156
05/05/11	0.872	0.784	0.831	0.797	0.820	0.860	0.399	-0.406	-0.736	-1.188	-0.878	-0.903	-1.166	-0.922	-1.143	-0.675	-0.785	-0.364	-0.032	0.075	0.430	0.701	0.788	0.624	0.872	-1.188	-0.051
05/06/11	1.257	0.416	0.665	0.751	1.018	0.716	0.269	-0.502	-0.561	-0.438	-0.623	-1.060	-0.914	-1.054	-0.945	-0.849	-0.655	-0.395	-0.063	0.171	0.561	0.932	0.526	0.842	1.257	-1.060	0.003
05/07/11	0.750	0.712	0.866	0.884	0.686	0.623	0.350	-0.487	-0.871	-0.752	-0.675	-0.987	-1.187	-1.025	-0.969	-0.885	-0.642	-0.363	-0.002	0.107	0.249	0.275	0.936	0.398	0.936	-1.187	-0.084
05/08/11	0.224	0.452	0.503	0.362	0.623	0.313	0.065	-0.562	-0.679	-0.685	-0.902	-1.025	-1.047	-0.974	-0.983	-0.768	-0.520	-0.311	-0.072	0.019	0.016	0.020	0.043	0.004	0.623	-1.047	-0.245
05/09/11	0.021	0.118	0.100	0.089	-0.042	-0.097	-0.262	-0.438	-0.444	-0.606	-0.879	-0.793	-0.964	-0.895	-0.874	-0.782	-0.638	-0.429	-0.176	-0.023	-0.013	0.020	0.024	0.083	0.118	-0.964	-0.329
05/10/11	0.073	0.142	0.023	0.057	0.007	0.040	-0.285	-0.372	-0.677	-0.822	-0.740	-0.823	-0.870	-0.878	-0.742	-0.800	-0.600	-0.471	-0.182	-0.020	0.048	0.047	0.064	0.160	0.160	-0.878	-0.318
05/11/11	0.357	0.363	0.451	0.390	0.650	0.499	-0.011	-0.504	-0.571	-0.798	-0.996	-0.905	-1.113	-0.985	-0.967	-0.842	-0.695	-0.425	-0.195	-0.070	0.134	0.147	0.100	0.147	0.650	-1.113	-0.243
05/12/11	0.085	0.090	0.153	0.171	0.334	0.688	0.031	-0.575	-1.169	-1.464	-1.659	-1.825	-1.562	-1.253	-1.460	-1.140	-0.713	-0.439	-0.174	-0.012	0.063	0.088	0.161	0.137	0.688	-1.825	-0.477
05/13/11	0.362	0.586	0.495	0.761	0.441	0.295	-0.087	-0.460	-0.936	-1.145	-1.434	-1.464	-1.370	-1.336	-1.319	-0.962	-0.940	-0.546	-0.134	0.091	0.158	0.640	0.313	0.066	0.761	-1.464	-0.330
05/14/11	0.041	0.145	0.409	0.144	0.288	0.440	-0.037	-0.333	-0.641	-0.951	-0.932	-1.021	-1.045	-1.222	-1.033	-0.830	-0.641	-0.490	-0.145	0.036	0.135	0.118	0.162	0.325	0.440	-1.222	-0.295
05/15/11	0.206	0.388	0.472	0.301	0.543	0.723	0.185	-0.398	-0.792	-1.085	-1.126	-1.235	-1.200	-1.053	-1.021	-0.883	-0.682	-0.368	-0.132	0.011	0.039	0.080	0.128	0.060	0.723	-1.235	-0.285
05/16/11	0.122	0.086	0.448	0.553	0.590	0.539	-0.122	-0.431	-0.718	-0.918	-1.031	-1.193	-1.275	-1.029	-1.002	-0.780	-0.650	-0.391	-0.157	-0.041	-0.055	-0.031	0.028	0.001	0.590	-1.275	-0.311
05/17/11	0.049	0.042	-0.030	-0.032	-0.036	0.019	-0.122	-0.430	-0.645	-0.845	-0.982	-1.041	-1.060	-0.977	-0.855	-0.756	-0.579	-0.460	-0.217	-0.075	-0.022	0.029	0.052	0.062	0.062	-1.060	-0.371
05/18/11	0.129	0.122	0.003	-0.005	-0.095	-0.126	-0.236	-0.300	-0.318	-0.259	-0.216	-0.286	-0.239	-0.332	-0.409	-0.347	-0.267	-0.250	-0.070	-0.013	0.049	-0.012	-0.148	-0.172	0.129	-0.409	-0.158
05/19/11	-0.074	0.032	0.073	0.034	0.062	-0.017	-0.168	-0.331	-0.498	-0.619	-0.933	-0.940	-1.018	-0.815	-1.108	-0.748	-0.631	-0.435	-0.178	-0.025	0.174	0.328	0.368	0.401	0.401	-1.108	-0.294
05/20/11	0.436	0.377	0.142	0.165	0.239	0.472	-0.182	-0.421	-0.426	-0.702	-0.973	-1.018	-1.054	-1.035	-0.892	-0.835	-0.703	-0.437	-0.176	0.009	0.149	0.146	0.072	0.079	0.472	-1.054	-0.274
05/21/11	0.082	0.059	0.111	0.066	0.118	0.612	0.057	-0.686	-1.076	-1.301	-1.500	-1.242	-1.250	-1.279	-1.108	-1.140	-0.802	-0.517	-0.191	0.028	0.165	0.495	0.643	0.891	0.891	-1.500	-0.365
05/22/11	0.555	0.715	0.562	1.121	0.558	0.496	0.057	-0.704	-0.484	-0.583	-0.984	-0.998	-1.115	-1.032	-0.974	-0.866	-0.737	-0.459	-0.124	0.046	0.144	0.165	0.064	0.073	1.121	-1.115	-0.188
05/23/11	0.184	0.300	0.137	0.343	0.366	0.246	-0.035	-0.420	-0.547	-0.755	-0.952	-1.042	-1.023	-1.092	-1.150	-0.887	-0.655	-0.395	-0.145	-0.027	-0.031	-0.074	-0.082	-0.074	0.366	-1.150	-0.325
05/24/11	-0.026	0.052	0.041	0.068	0.230	0.199	-0.077	-0.437	-0.660	-0.837	-1.040	-1.079	-1.243	-0.990	-1.021	-0.789	-0.718	-0.487	-0.158	0.005	0.091	0.226	0.682	0.558	0.682	-1.243	-0.309
05/25/11	0.516	0.723	1.189	0.698	0.607	0.612	0.155	-0.607	-0.943	-1.438	-1.382	-1.069	-1.096	-1.165	-1.041	-1.030	-0.782	-0.527	-0.160	0.064	0.145	0.539	0.478	0.650	1.189	-1.438	-0.203
05/26/11	0.777	0.788	0.633	0.776	0.746	1.278	0.385	-0.298	-0.544	-0.568	-0.746	-1.121	-1.087	-1.086	-1.056	-0.808	-0.717	-0.358	-0.124	0.015	0.057	0.191	0.281	0.244	1.278	-1.121	-0.098
05/27/11	0.159	0.180	0.167	0.144	0.765	0.251	-0.173	-0.624	-0.585	-0.837	-0.824	-1.127	-1.049	-0.946	-0.967	-0.794	-0.655	-0.406	-0.144	0.037	0.233	0.529	0.490	0.740	0.765	-1.127	-0.227
05/28/11	0.183	0.258	0.140	0.249	0.316	0.510	-0.067	-0.314	-0.756	-0.887	-0.964	-1.043	-1.060	-0.993	-0.878	-0.761	-0.623	-0.454	-0.097	0.008	0.005	0.030	0.026	0.051	0.510	-1.060	-0.297
05/29/11	0.034	0.067	0.064	0.172	0.135	0.073	-0.091	-0.353	-0.565	-0.785	-0.895	-0.937	-1.063	-0.958	-0.877	-0.780	-0.641	-0.450	-0.197	-0.090	-0.065	-0.082	-0.063	-0.045	0.172	-1.063	-0.350
05/30/11	-0.043	-0.043	-0.036	0.026	0.075	0.200	-0.254	-0.436	-0.606	-0.800	-1.125	-1.133	-1.260	-1.116	-1.223	-1.004	-0.935	-0.611	-0.302	-0.078	0.027	0.431	0.505	0.514	0.514	-1.260	-0.384
05/31/11	0.657	0.769	0.544	0.407	0.395	0.412	-0.139	-0.637	-0.864	-0.971	-1.189	-1.312	-1.383	-1.322	-0.980	-0.715	-0.440	-0.238	-0.138	0.019	0.212	0.409	0.827	0.576	0.827	-1.383	-0.213

Hourly Averages Maximum Hourly Differential Temperature: 1.278 Minimum Hourly Differential Temperature: -1.825

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
JUNE 2011

10-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	22.5	22.1	21.2	20.4	21.0	20.2	20.1	20.9	22.2	24.5	26.2	26.8	27.6	28.0	27.8	27.6	27.6	28.1	26.1	25.0	23.9	23.3	22.6	22.3	28.1	20.1	24.1
06/02/11	22.2	21.5	20.7	19.0	18.4	17.9	17.9	20.2	21.3	22.1	23.1	24.3	24.7	25.0	25.5	25.6	25.6	25.4	24.8	23.9	23.1	22.0	20.8	20.3	25.6	17.9	22.3
06/03/11	20.0	18.5	18.3	17.4	17.4	16.7	17.1	19.7	21.7	22.9	23.9	24.8	25.8	26.5	27.0	27.2	27.2	27.3	26.8	26.0	25.3	25.0	24.5	23.7	27.3	16.7	22.9
06/04/11	22.2	20.2	19.7	19.0	18.8	19.5	20.0	22.3	24.4	25.8	27.0	28.0	28.8	29.9	30.2	30.0	30.3	30.3	29.7	28.8	27.9	27.0	26.0	25.9	30.3	18.8	25.5
06/05/11	24.1	23.9	23.8	22.2	22.1	21.1	21.7	24.7	25.7	26.8	28.3	29.4	29.9	30.3	30.8	30.9	30.9	30.7	30.3	29.5	28.3	27.8	26.0	26.9	30.9	21.1	26.9
06/06/11	26.8	25.6	24.6	23.8	23.8	23.5	23.5	24.9	25.6	26.4	27.1	27.5	28.1	28.6	28.9	28.5	28.1	27.4	26.1	24.8	23.9	23.2	22.5	21.9	28.9	21.9	25.6
06/07/11	20.4	20.7	20.1	18.5	17.7	17.2	17.8	20.2	22.0	22.8	23.8	24.8	25.6	26.3	26.8	27.1	27.6	27.5	27.1	26.3	25.6	24.8	24.1	22.7	27.6	17.2	23.2
06/08/11	22.8	21.4	20.2	19.8	19.5	18.9	19.3	20.2	21.2	22.4	23.8	25.0	26.1	26.6	26.8	27.1	26.9	26.7	26.0	24.8	23.9	23.2	22.6	21.5	27.1	18.9	23.2
06/09/11	19.5	19.4	18.3	18.1	17.7	18.1	18.4	21.0	22.8	23.8	24.8	25.6	26.4	27.0	27.4	27.7	27.7	27.3	26.4	25.7	25.2	24.6	24.1	24.1	27.7	17.7	23.4
06/10/11	23.7	23.5	22.8	22.5	21.1	19.9	19.9	22.2	23.8	24.4	25.5	26.3	27.1	27.4	28.0	28.2	28.4	28.5	28.0	27.2	26.5	26.1	24.9	24.6	28.5	19.9	25.0
06/11/11	22.9	22.2	22.1	20.6	19.2	18.6	19.6	21.8	23.0	23.9	24.9	26.2	27.0	27.4	27.8	28.1	28.4	28.4	28.3	27.6	26.4	24.7	23.6	23.6	28.4	18.6	24.4
06/12/11	23.0	23.1	22.5	21.0	21.4	23.1	23.0	23.3	24.6	25.3	26.1	27.4	28.0	28.5	28.9	29.4	29.9	30.0	29.4	28.5	27.5	26.5	25.0	24.1	30.0	21.0	25.8
06/13/11	23.2	22.1	20.5	19.9	19.2	19.1	20.2	22.5	24.3	25.0	26.0	27.1	28.0	28.5	29.0	29.1	29.2	29.4	28.9	28.1	27.2	26.9	25.3	23.5	29.4	19.1	25.1
06/14/11	23.4	23.8	22.4	21.8	21.4	20.7	21.3	23.6	26.1	26.9	27.8	28.8	29.4	30.0	30.6	30.9	30.9	30.6	30.0	29.2	28.5	28.0	27.8	27.6	30.9	20.7	26.7
06/15/11	26.8	25.7	25.6	25.7	23.9	23.5	23.8	25.8	27.5	28.1	29.1	30.0	30.7	31.2	31.6	31.9	32.0	31.6	31.0	30.2	28.9	28.4	28.2	32.0	23.5	28.5	
06/16/11	27.2	26.4	25.5	25.1	24.9	24.5	23.7	26.0	26.3	26.9	27.8	28.1	28.7	29.0	29.5	30.0	30.3	30.4	30.3	29.7	29.0	28.3	27.2	25.9	30.4	23.7	27.5
06/17/11	25.0	24.3	24.0	23.7	23.4	22.7	22.7	23.9	24.7	25.6	26.6	28.0	28.6	29.6	30.3	30.8	31.1	30.8	30.3	29.4	28.4	27.3	26.3	25.4	31.1	22.7	26.8
06/18/11	25.0	24.9	23.9	22.9	21.5	21.3	22.1	23.7	24.7	26.0	27.2	28.3	29.2	30.1	30.5	30.6	30.8	31.1	30.7	29.7	28.5	27.6	26.8	26.1	31.1	21.3	26.8
06/19/11	25.2	24.4	24.0	23.7	23.4	23.2	23.4	23.5	24.1	24.9	25.6	26.1	26.7	27.6	28.3	28.6	28.5	28.2	27.5	26.7	26.1	25.4	25.1	24.9	28.6	23.2	25.6
06/20/11	24.5	23.5	23.1	21.4	20.4	19.9	20.3	22.3	23.7	24.7	25.7	26.9	27.2	27.6	28.0	28.3	28.5	28.5	28.4	27.8	27.3	27.0	26.8	26.9	28.5	19.9	25.3
06/21/11	26.8	25.4	23.4	22.8	22.9	22.0	23.2	26.0	27.8	29.2	29.9	30.6	31.2	31.9	32.4	32.7	32.8	32.6	32.2	31.4	30.7	30.1	30.3	32.8	22.0	28.7	
06/22/11	29.2	27.1	29.2	29.0	26.6	25.7	26.1	28.6	30.0	30.4	31.4	32.3	33.1	33.6	34.2	34.6	34.5	34.2	33.8	33.0	32.3	32.0	31.2	30.7	34.6	25.7	30.9
06/23/11	30.3	29.7	29.1	28.5	28.2	26.7	27.9	28.0	28.4	29.3	30.3	30.9	31.7	32.3	32.9	33.2	33.5	33.2	32.8	32.1	31.4	30.8	29.8	29.1	33.5	26.7	30.4
06/24/11	28.5	28.1	27.3	26.1	25.9	25.4	26.0	27.3	27.8	28.6	29.7	30.5	31.5	31.9	32.4	32.8	33.0	33.0	32.6	32.0	31.4	31.0	30.1	29.3	33.0	25.4	29.7
06/25/11	28.6	28.2	26.9	27.1	25.9	24.5	24.8	26.8	27.8	28.9	30.5	32.0	32.9	33.6	33.9	34.1	34.0	33.7	33.3	32.7	32.0	30.7	29.0	28.7	34.1	24.5	30.0
06/26/11	29.2	30.2	29.7	27.1	26.4	26.4	28.8	30.7	31.4	32.3	32.9	33.4	33.8	34.3	34.3	34.4	34.2	33.9	33.3	32.8	31.9	30.1	31.7	34.4	26.4	31.2	
06/27/11	31.5	30.7	28.8	28.2	27.8	27.3	27.8	29.9	32.2	33.3	34.1	34.8	35.5	35.9	36.0	36.5	36.5	36.2	35.6	35.0	34.3	33.4	33.1	32.7	36.5	27.3	32.8
06/28/11	31.5	29.5	28.9	30.0	28.5	27.9	28.4	29.5	31.4	32.5	32.7	33.6	34.6	34.5	34.3	35.4	34.3	34.5	34.1	33.3	32.4	31.7	31.6	31.9	35.4	27.9	32.0
06/29/11	31.1	29.2	27.6	26.9	26.4	26.7	27.1	27.3	27.8	28.9	30.2	31.3	32.0	32.6	33.2	33.2	33.2	32.7	32.4	32.0	31.1	29.8	29.0	33.2	26.4	30.2	
06/30/11	28.6	27.8	26.2	24.9	25.0	25.7	24.9	25.4	26.3	27.1	28.0	29.0	30.0	30.8	31.4	31.8	32.0	31.8	31.4	30.7	30.0	29.4	27.0	27.0	32.0	24.9	28.4

Hourly Averages
25.5 24.8 24.0 23.2 22.7 22.3 22.6 24.3 25.7 26.6 27.6 28.6 29.3 29.9 30.3 30.5 30.6 30.6 30.0 29.2 28.4 27.6 26.7 26.3

Maximum Hourly Temperature: 36.5 **Minimum Hourly Temperature:** 16.7 **Average Monthly Temperature:** 27.0

Maximum 24-Hour Mean: 32.8 **Minimum 24-Hour Mean:** 22.3

Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

2-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	21.9	21.3	20.6	20.0	20.5	19.5	19.7	20.6	22.7	25.4	27.1	27.8	28.6	28.8	28.6	28.3	28.1	28.5	26.4	25.0	23.9	23.3	22.6	22.2	28.8	19.5	24.2
06/02/11	22.1	21.3	20.4	18.4	17.9	17.2	17.6	20.9	21.7	22.8	24.0	25.4	25.7	25.9	26.5	26.6	26.4	25.9	25.0	23.8	23.0	21.8	20.1	19.6	26.6	17.2	22.5
06/03/11	19.2	18.1	17.9	16.9	16.9	16.0	17.1	20.5	22.4	23.8	25.0	26.0	27.1	27.6	28.1	28.1	27.9	27.8	27.0	25.9	24.9	24.3	24.2	23.5	28.1	16.0	23.2
06/04/11	21.9	19.7	18.9	18.6	18.0	18.8	19.8	23.0	25.1	26.8	28.1	29.3	30.1	30.9	31.3	30.9	31.1	30.8	29.9	28.7	27.5	26.1	25.2	25.1	31.3	18.0	25.6
06/05/11	23.5	23.3	23.0	21.6	21.4	20.4	21.7	25.1	26.0	27.1	29.1	30.3	31.0	31.3	31.7	31.8	31.6	31.1	30.5	29.3	27.8	27.1	25.0	26.4	31.8	20.4	27.0
06/06/11	26.4	25.3	24.3	23.2	23.3	22.9	23.2	25.2	26.3	27.2	28.0	28.5	29.2	29.6	29.8	29.3	28.8	27.9	26.3	24.8	23.9	23.1	22.1	21.5	29.8	21.5	25.8
06/07/11	19.9	20.3	19.8	17.9	17.3	16.5	17.9	20.9	22.9	23.7	25.0	26.0	26.5	27.3	27.8	28.0	28.5	28.1	27.3	26.3	25.3	24.3	23.5	21.7	28.5	16.5	23.4
06/08/11	22.0	21.1	19.9	19.0	18.9	18.2	19.2	20.5	21.9	23.3	24.9	26.1	27.2	27.8	27.9	28.0	27.6	27.2	26.1	24.8	23.8	23.1	22.4	21.3	28.0	18.2	23.4
06/09/11	18.9	18.5	17.9	17.7	16.9	17.4	18.4	21.8	23.9	24.9	26.1	26.6	27.6	28.0	28.4	28.6	28.5	27.8	26.6	25.8	25.2	24.5	24.0	24.0	28.6	16.9	23.7
06/10/11	23.3	23.2	22.1	22.2	20.4	19.5	19.9	22.9	24.3	25.0	26.4	27.2	28.2	28.5	29.1	29.2	29.2	29.0	28.2	27.1	26.1	25.5	23.9	24.3	29.2	19.5	25.2
06/11/11	22.7	21.9	21.4	20.0	18.9	18.1	19.7	22.4	23.8	24.8	26.1	27.4	28.2	28.6	28.9	29.1	29.1	29.0	28.5	27.5	26.1	24.3	22.9	23.0	29.1	18.1	24.7
06/12/11	22.3	22.4	21.9	20.1	20.6	22.0	22.7	23.8	25.3	26.2	27.0	28.5	29.2	29.6	29.9	30.3	30.6	30.4	29.5	28.5	27.4	26.3	24.9	23.9	30.6	20.1	26.0
06/13/11	23.1	21.5	19.9	19.4	18.5	18.5	20.1	23.1	25.1	25.9	27.2	28.3	29.2	29.5	29.9	30.0	30.0	29.9	29.1	27.9	26.9	26.6	24.4	23.0	30.0	18.5	25.3
06/14/11	22.4	22.6	21.6	21.2	20.9	20.0	21.1	24.2	27.0	27.4	28.6	29.8	30.6	31.3	31.7	31.8	31.7	31.1	30.2	29.1	28.2	27.5	27.0	26.7	31.8	20.0	26.8
06/15/11	25.9	25.3	24.7	24.8	23.2	22.9	23.5	26.5	28.1	28.6	30.1	31.2	31.7	32.2	32.6	32.8	32.7	32.5	31.8	30.9	29.9	28.4	27.7	27.7	32.8	22.9	28.6
06/16/11	26.8	26.0	25.1	24.6	24.5	24.0	23.8	26.4	27.0	27.7	28.8	29.0	29.7	30.1	30.4	30.8	31.0	30.8	30.4	29.6	28.9	28.2	27.1	25.8	31.0	23.8	27.8
06/17/11	24.9	24.1	23.5	23.3	22.9	22.2	22.8	24.3	25.4	26.5	27.6	29.2	29.5	30.7	31.3	31.7	31.8	31.2	30.5	29.3	28.3	27.2	26.1	25.1	31.8	22.2	27.1
06/18/11	24.5	24.4	23.1	22.4	21.2	20.7	22.1	24.0	25.4	26.8	28.3	29.5	30.2	31.3	31.5	31.5	31.6	31.5	30.8	29.6	28.5	27.5	26.5	25.7	31.6	20.7	27.0
06/19/11	24.9	24.0	23.6	23.4	23.2	22.9	23.2	23.7	24.7	25.6	26.4	27.1	27.6	28.7	29.3	29.4	29.1	28.6	27.6	26.7	26.0	25.3	25.1	24.8	29.4	22.9	25.9
06/20/11	24.3	22.9	22.7	20.9	19.5	19.5	20.5	23.1	24.9	25.7	26.8	27.9	28.4	28.7	29.0	29.2	29.2	29.1	28.6	27.8	27.2	26.8	26.5	26.5	29.2	19.5	25.7
06/21/11	26.6	24.9	22.6	22.2	22.3	21.6	23.3	26.6	28.9	30.7	30.9	31.5	32.3	33.0	33.4	33.8	33.6	33.1	32.4	31.4	30.6	29.9	29.8	30.0	33.8	21.6	29.0
06/22/11	28.7	26.5	28.8	28.2	25.8	24.8	26.0	29.2	30.3	30.8	32.0	33.3	34.2	34.7	35.3	35.5	35.2	34.7	34.0	33.0	32.3	31.9	31.1	30.6	35.5	24.8	31.1
06/23/11	30.2	29.6	28.9	28.0	27.4	25.6	27.7	28.2	28.9	30.2	31.4	31.8	32.8	33.3	33.8	34.0	34.3	33.6	33.0	32.1	31.4	30.8	29.8	29.1	34.3	25.6	30.6
06/24/11	28.4	28.0	27.1	25.5	25.2	24.8	25.9	27.8	28.3	29.4	30.6	31.7	32.6	32.9	33.5	33.8	33.7	33.4	32.9	31.9	31.4	30.8	30.0	29.0	33.8	24.8	29.9
06/25/11	28.3	27.7	26.3	26.5	25.2	23.7	24.7	27.3	28.1	29.4	31.5	33.0	33.9	34.7	34.8	35.0	34.6	34.2	33.5	32.6	31.9	30.2	28.6	35.0	23.7	30.2	
06/26/11	28.3	29.9	29.2	26.6	25.9	25.7	26.3	29.4	31.3	32.1	33.2	34.1	34.3	34.9	35.2	35.2	35.2	34.7	34.1	33.3	32.6	31.6	29.7	31.4	35.2	25.7	31.4
06/27/11	31.3	30.3	28.1	27.7	27.1	26.3	27.6	30.5	33.2	34.0	35.0	35.9	36.6	37.1	36.9	37.4	37.2	36.7	35.8	34.9	34.2	33.1	32.9	32.4	37.4	26.3	33.0
06/28/11	30.7	28.9	28.4	29.1	27.8	27.4	28.2	29.6	31.8	32.9	33.1	34.2	35.3	35.3	34.9	36.0	35.0	34.9	34.3	33.3	32.2	31.3	31.2	31.8	36.0	27.4	32.0
06/29/11	30.9	29.2	27.6	26.9	26.5	26.6	27.1	27.6	28.3	29.6	31.2	32.4	33.1	33.7	34.3	34.1	34.0	33.7	33.0	32.4	32.0	31.1	29.8	29.1	34.3	26.5	30.6
06/30/11	28.5	27.6	26.1	24.8	24.9	25.5	25.0	25.8	26.9	27.9	28.9	30.0	31.0	31.8	32.4	32.7	32.7	32.4	31.6	30.7	30.0	29.1	26.7	26.4	32.7	24.8	28.7

Hourly Averages 25.1 24.3 23.5 22.7 22.1 21.6 22.5 24.8 26.3 27.4 28.6 29.6 30.4 30.9 31.3 31.4 31.4 31.3 31.0 30.2 29.1 28.2 27.4 26.4 26.0

Maximum Hourly Temperature: 37.4 **Minimum Hourly Temperature:** 16.0 **Average Monthly Temperature:** 27.2

Maximum 24-Hour Mean: 33.0

Minimum 24-Hour Mean: 22.5

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
JUNE 2011
DIFFERENTIAL TEMPERATURE (°C)

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
Day	0.606	0.735	0.549	0.395	0.554	0.712	0.441	0.240	-0.449	-0.880	-0.857	-0.982	-1.009	-0.864	-0.754	-0.784	-0.507	-0.428	-0.211	-0.041	0.012	-0.027	0.006	0.087	0.735	-1.009	-0.144
06/01/11	0.106	0.188	0.274	0.557	0.433	0.665	0.278	-0.722	-0.421	-0.661	-0.895	-1.035	-1.005	-0.902	-1.046	-0.966	-0.787	-0.537	-0.188	0.074	0.019	0.218	0.722	0.757	0.757	-1.046	-0.203
06/03/11	0.833	0.450	0.346	0.480	0.530	0.744	-0.003	-0.826	-0.707	-0.859	-1.087	-1.264	-1.302	-1.129	-1.093	-0.912	-0.745	-0.537	-0.139	0.121	0.434	0.674	0.256	0.217	0.833	-1.302	-0.230
06/04/11	0.307	0.484	0.704	0.415	0.841	0.671	0.170	-0.695	-0.748	-1.024	-1.164	-1.303	-1.225	-1.050	-1.041	-0.888	-0.774	-0.498	-0.146	0.109	0.403	0.898	0.825	0.781	0.898	-1.303	-0.165
06/05/11	0.596	0.623	0.785	0.604	0.671	0.685	0.058	-0.469	-0.338	-0.334	-0.742	-0.922	-1.120	-1.012	-0.908	-0.887	-0.658	-0.437	-0.138	0.188	0.565	0.682	1.000	0.551	1.000	-1.120	-0.040
06/06/11	0.421	0.321	0.368	0.617	0.464	0.608	0.233	-0.316	-0.664	-0.841	-0.939	-1.086	-1.058	-1.027	-0.933	-0.800	-0.671	-0.433	-0.175	0.044	0.026	0.066	0.327	0.378	0.617	-1.086	-0.211
06/07/11	0.556	0.455	0.275	0.566	0.403	0.672	-0.066	-0.719	-0.897	-0.954	-1.150	-1.126	-0.915	-0.980	-1.057	-0.902	-0.866	-0.608	-0.193	0.091	0.247	0.506	0.651	0.999	0.999	-1.150	-0.209
06/08/11	0.851	0.299	0.319	0.767	0.554	0.760	0.098	-0.371	-0.651	-0.853	-1.031	-1.159	-1.159	-1.154	-1.071	-0.866	-0.706	-0.484	-0.153	0.011	0.061	0.097	0.123	0.204	0.851	-1.159	-0.230
06/09/11	0.578	0.844	0.379	0.376	0.836	0.734	0.080	-0.752	-1.072	-1.122	-1.307	-1.053	-1.191	-1.031	-1.012	-0.886	-0.746	-0.486	-0.183	-0.040	0.042	0.099	0.144	0.114	0.844	-1.307	-0.277
06/10/11	0.311	0.219	0.634	0.247	0.610	0.369	0.045	-0.646	-0.501	-0.531	-0.853	-0.918	-1.075	-1.099	-1.124	-0.979	-0.754	-0.546	-0.196	0.136	0.317	0.572	1.024	0.300	1.024	-1.124	-0.185
06/11/11	0.113	0.314	0.622	0.579	0.383	0.526	-0.025	-0.594	-0.710	-0.946	-1.190	-1.196	-1.214	-1.141	-1.076	-1.042	-0.760	-0.610	-0.166	0.108	0.343	0.475	0.624	0.549	0.624	-1.214	-0.251
06/12/11	0.698	0.713	0.641	0.936	0.808	1.022	0.264	-0.592	-0.753	-0.848	-0.958	-1.094	-1.196	-1.190	-1.087	-0.893	-0.702	-0.448	-0.120	0.052	0.113	0.188	0.118	0.163	1.022	-1.196	-0.174
06/13/11	0.147	0.546	0.602	0.492	0.691	0.554	0.073	-0.590	-0.815	-0.941	-1.167	-1.207	-1.137	-1.056	-0.926	-0.933	-0.761	-0.522	-0.161	0.119	0.270	0.321	0.938	0.565	0.938	-1.207	-0.200
06/14/11	1.013	1.167	0.777	0.590	0.501	0.724	0.122	-0.667	-0.929	-0.559	-0.761	-1.050	-1.123	-1.246	-1.092	-0.879	-0.748	-0.518	-0.159	0.090	0.269	0.492	0.794	0.895	1.167	-1.246	-0.096
06/15/11	0.884	0.354	0.831	0.962	0.672	0.687	0.366	-0.685	-0.556	-0.485	-0.915	-1.142	-1.014	-1.038	-1.013	-0.915	-0.679	-0.544	-0.163	0.063	0.331	0.447	0.671	0.524	0.962	-1.142	-0.098
06/16/11	0.367	0.375	0.404	0.476	0.436	0.422	-0.176	-0.328	-0.703	-0.849	-1.066	-0.925	-1.049	-1.078	-0.958	-0.811	-0.720	-0.419	-0.140	0.060	0.099	0.118	0.122	0.104	0.476	-1.078	-0.260
06/17/11	0.142	0.230	0.438	0.387	0.438	0.507	-0.125	-0.355	-0.673	-0.876	-0.974	-1.145	-0.964	-1.150	-1.067	-0.922	-0.684	-0.452	-0.154	0.054	0.105	0.126	0.141	0.286	0.507	-1.150	-0.279
06/18/11	0.539	0.463	0.819	0.570	0.384	0.663	-0.034	-0.336	-0.711	-0.793	-1.052	-1.133	-0.986	-1.176	-1.061	-0.858	-0.706	-0.425	-0.131	0.104	0.059	0.088	0.329	0.362	0.819	-1.176	-0.209
06/19/11	0.298	0.409	0.442	0.263	0.262	0.294	0.130	-0.228	-0.624	-0.717	-0.785	-0.926	-0.880	-1.069	-0.978	-0.801	-0.583	-0.388	-0.157	-0.050	0.010	0.054	0.018	0.117	0.442	-1.069	-0.245
06/20/11	0.182	0.541	0.360	0.434	0.875	0.409	-0.292	-0.857	-1.233	-0.985	-1.042	-1.013	-1.169	-1.076	-1.002	-0.895	-0.740	-0.536	-0.246	-0.022	0.094	0.170	0.244	0.405	0.875	-1.233	-0.308
06/21/11	0.177	0.567	0.769	0.568	0.550	0.467	-0.154	-0.584	-1.124	-1.494	-1.014	-0.941	-1.117	-1.090	-0.984	-1.040	-0.800	-0.469	-0.195	-0.003	0.068	0.216	0.375	0.230	0.769	-1.494	-0.293
06/22/11	0.459	0.624	0.484	0.849	0.785	0.892	0.122	-0.615	-0.374	-0.344	-0.641	-1.039	-1.086	-1.033	-1.025	-0.890	-0.717	-0.480	-0.148	0.044	0.029	0.099	0.118	0.151	0.892	-1.086	-0.156
06/23/11	0.114	0.112	0.207	0.497	0.765	1.069	0.151	-0.252	-0.510	-0.840	-1.112	-0.889	-1.039	-0.939	-0.892	-0.795	-0.775	-0.429	-0.162	0.050	0.026	0.005	0.080	0.056	1.069	-1.112	-0.229
06/24/11	0.056	0.126	0.166	0.610	0.729	0.639	0.065	-0.497	-0.508	-0.880	-0.926	-1.169	-1.080	-1.034	-1.040	-1.030	-0.737	-0.467	-0.255	0.030	0.084	0.199	0.118	0.257	0.729	-1.169	-0.273
06/25/11	0.279	0.494	0.539	0.577	0.616	0.735	0.072	-0.468	-0.363	-0.517	-0.993	-1.078	-0.996	-1.059	-0.895	-0.945	-0.646	-0.495	-0.189	0.027	0.131	0.546	0.452	0.775	0.775	-1.078	-0.142
06/26/11	0.844	0.299	0.501	0.496	0.479	0.682	0.117	-0.592	-0.589	-0.685	-0.841	-1.112	-0.973	-1.090	-0.966	-0.912	-0.776	-0.519	-0.201	0.018	0.132	0.341	0.427	0.294	0.844	-1.112	-0.193
06/27/11	0.249	0.400	0.665	0.585	0.655	0.970	0.176	-0.617	-1.070	-0.712	-0.874	-1.043	-1.126	-1.225	-0.870	-0.872	-0.710	-0.490	-0.201	0.050	0.146	0.274	0.244	0.326	0.970	-1.225	-0.211
06/28/11	0.830	0.637	0.511	0.815	0.735	0.506	0.268	-0.186	-0.338	-0.310	-0.394	-0.577	-0.721	-0.767	-0.640	-0.586	-0.624	-0.386	-0.167	-0.008	0.184	0.402	0.369	0.083	0.830	-0.767	-0.015
06/29/11	0.152	0.022	0.014	0.034	-0.045	0.036	-0.065	-0.284	-0.537	-0.707	-0.973	-1.138	-1.072	-1.116	-1.137	-0.980	-0.870	-0.501	-0.243	-0.053	-0.011	-0.015	-0.003	-0.029	0.152	-1.138	-0.397
06/30/11	0.119	0.165	0.063	0.074	0.147	0.229	-0.066	-0.394	-0.675	-0.743	-0.829	-0.953	-1.046	-0.941	-1.008	-0.978	-0.682	-0.559	-0.221	0.007	0.057	0.326	0.332	0.563	0.563	-1.046	-0.292

Hourly Averages
0.428 0.439 0.483 0.527 0.559 0.622 0.077 -0.500 -0.675 -0.776 -0.951 -1.054 -1.068 -1.055 -0.992 -0.895 -0.721 -0.488 -0.177 0.048 0.156 0.289 0.386 0.369

APPENDIX KC1-D
HOURLY TEMPERATURE DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

TEMPERATURE (°C)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
04/01/11	19.1	18.3	19.2	20.1	18.9	18.7	17.5	20.3	21.6	22.5	23.6	25.4	27.1	28.6	29.5	29.4	29.3	28.1	26.5	25.3	24.3	24.0	21.7	21.3	29.5	17.5	23.3	
04/02/11	20.3	20.3	19.7	19.6	17.9	18.0	17.5	20.1	22.7	23.7	24.0	24.9	25.4	26.2	26.6	26.5	26.0	25.2	23.6	22.7	22.2	21.4	20.4	19.3	26.6	17.5	22.3	
04/03/11	18.4	17.8	17.0	16.6	16.3	15.5	14.6	14.6	15.1	16.4	17.8	18.3	19.0	19.8	20.2	20.5	20.5	19.8	18.6	17.7	17.1	16.3	15.6	15.2	20.5	14.6	17.4	
04/04/11	15.2	14.6	12.7	11.2	9.9	9.0	8.2	8.3	9.5	10.8	12.5	15.0	16.9	18.4	20.4	21.2	21.3	20.9	18.6	17.3	16.5	15.6	14.2	13.8	21.3	8.2	14.7	
04/05/11	13.0	12.8	12.4	11.6	11.5	11.1	11.3	13.7	17.6	20.0	21.0	22.7	22.6	23.3	23.8	23.8	23.1	21.9	20.5	19.5	19.3	19.0	18.6	18.1	23.8	11.1	18.0	
04/06/11	17.6	17.1	16.6	16.2	16.0	13.8	13.5	15.9	18.3	18.9	20.1	19.5	18.4	15.3	13.7	14.2	15.3	15.5	15.7	15.2	15.3	15.3	15.6	15.2	20.1	13.5	16.2	
04/07/11	14.7	14.1	13.2	12.5	12.0	11.6	11.4	12.1	12.8	13.8	14.8	15.8	16.8	16.8	17.3	17.9	18.1	17.8	17.1	16.4	15.6	14.6	13.6	12.8	18.1	11.4	14.7	
04/08/11	12.2	11.0	9.9	9.9	10.1	9.6	9.5	10.3	11.3	12.1	13.2	13.6	13.7	13.8	14.0	13.7	13.4	13.0	11.8	10.8	9.8	8.9	8.2	7.6	14.0	7.6	11.3	
04/09/11	7.0	6.6	6.2	6.1	5.4	2.6	1.5	0.5	-0.2	-0.5	-0.6	-0.6	-0.3	-0.3	-0.3	-0.3	0.4	1.0	0.9	0.9	1.0	0.9	0.5	0.1	7.0	-0.6	1.6	
04/10/11	0.1	-0.3	-0.1	-0.2	-0.5	-0.8	-0.4	0.9	4.4	4.8	5.3	6.4	6.8	8.1	9.0	9.7	9.5	9.9	8.9	8.2	7.7	7.6	7.1	6.8	9.9	-0.8	5.0	
04/11/11	5.1	5.4	4.9	5.1	5.2	5.5	6.5	8.0	9.5	11.5	13.4	15.9	17.4	18.6	19.5	20.2	20.2	20.3	19.1	17.1	15.8	15.0	15.1	14.2	20.3	4.9	12.9	
04/12/11	14.6	14.4	13.3	12.6	12.5	11.7	11.2	12.9	14.7	17.5	16.9	18.0	18.2	18.7	18.7	19.0	19.1	18.8	17.7	16.7	15.9	14.3	13.7	12.7	19.1	11.2	15.6	
04/13/11	12.1	11.9	11.1	11.3	10.1	10.2	10.9	13.8	15.8	16.7	17.3	17.4	18.0	18.5	18.5	18.6	19.2	19.0	18.2	16.9	15.8	14.8	13.8	13.0	19.2	10.1	15.1	
04/14/11	12.4	11.4	9.9	9.3	8.6	8.1	7.7	8.7	9.3	10.8	12.4	13.8	14.5	15.6	16.3	16.6	17.1	17.1	16.1	15.3	14.8	14.5	14.1	13.8	17.1	7.7	12.8	
04/15/11	11.4	11.3	11.7	12.6	12.2	11.5	11.4	12.1	13.3	15.1	16.7	18.4	20.2	21.9	23.0	23.8	24.0	23.4	22.3	20.1	18.6	18.1	17.6	17.3	24.0	11.3	17.0	
04/16/11	16.4	15.5	16.6	15.3	14.7	14.3	14.6	16.8	19.6	21.8	23.5	24.4	24.6	24.9	25.2	25.6	26.1	25.4	24.0	22.9	22.3	21.9	21.7	21.5	26.1	14.3	20.8	
04/17/11	20.8	20.6	19.4	17.5	17.0	16.6	17.5	19.9	21.7	22.6	23.5	24.7	25.2	25.5	25.6	25.8	25.9	25.5	24.6	23.6	22.7	22.0	21.0	20.2	25.9	16.6	22.1	
04/18/11	19.5	18.3	17.4	16.6	15.4	14.4	15.3	17.6	18.7	19.9	21.2	22.0	22.7	23.1	23.8	24.2	24.4	23.6	22.7	21.5	20.4	19.5	18.5	17.3	24.4	14.4	19.9	
04/19/11	16.7	15.8	15.1	14.6	14.3	13.8	14.0	15.5	16.2	17.6	18.6	19.7	20.8	21.7	21.9	22.1	21.9	21.6	20.9	19.8	19.3	18.6	17.9	15.6	22.1	13.8	18.1	
04/20/11	15.1	14.9	14.2	13.8	13.0	12.9	12.8	15.7	18.0	19.0	20.0	20.7	21.3	21.8	22.3	22.7	22.8	22.7	21.7	20.7	20.1	19.4	19.0	18.7	22.8	12.8	18.5	
04/21/11	17.9	17.0	16.2	14.6	13.8	13.1	14.0	16.0	16.7	18.3	19.5	20.5	21.2	21.8	22.4	22.8	23.2	22.9	21.8	20.5	19.6	18.8	17.8	17.1	23.2	13.1	18.6	
04/22/11	16.6	16.1	15.3	14.9	14.3	14.9	15.7	16.3	17.2	18.0	19.2	20.0	20.7	21.7	22.2	22.5	22.4	22.2	20.9	19.9	19.2	18.7	18.2	17.7	22.5	14.3	18.5	
04/23/11	17.2	16.4	15.9	15.6	14.9	13.0	14.1	15.9	16.5	17.2	18.6	19.3	20.2	20.6	20.8	21.0	20.6	19.8	18.8	18.3	18.0	17.1	16.4	21.0	13.0	17.8		
04/24/11	15.7	14.9	14.0	13.5	12.7	12.4	12.6	13.6	14.4	16.1	17.2	17.6	18.2	19.3	19.9	20.4	20.1	19.6	18.1	17.3	16.7	16.0	15.5	14.9	20.4	12.4	16.3	
04/25/11	13.9	13.1	12.1	11.3	10.7	9.9	11.0	12.8	13.5	14.5	16.3	17.7	18.6	18.7	19.5	19.9	20.0	19.8	19.0	18.3	17.7	17.1	16.8	16.5	20.0	9.9	15.8	
04/26/11	16.0	15.7	14.9	14.2	13.6	12.6	12.7	13.0	14.0	15.4	16.5	17.4	18.6	19.6	20.3	21.0	21.3	20.6	19.6	18.8	18.0	16.9	16.4	15.7	21.3	12.6	16.8	
04/27/11	14.5	14.1	13.2	11.6	10.6	9.7	10.1	11.1	11.9	13.4	15.5	17.4	19.4	20.4	21.5	22.4	22.6	21.8	20.0	18.8	18.3	18.1	17.8	17.2	22.6	9.7	16.3	
04/28/11	16.6	15.2	14.1	13.9	13.4	12.4	13.8	17.0	19.8	21.1	22.2	22.8	23.8	24.4	24.9	25.1	24.8	24.5	23.4	22.2	21.2	20.2	19.0	25.1	12.4	19.8		
04/29/11	20.4	20.0	18.7	17.2	16.7	16.4	16.9	17.1	17.6	18.4	19.8	21.0	21.4	22.2	22.4	22.5	22.2	21.4	20.4	19.7	18.9	18.2	17.4	22.5	16.4	19.6		
04/30/11	16.6	15.8	14.9	12.6	12.3	10.6	11.4	12.0	13.1	15.4	16.9	17.6	18.0	18.4	18.1	17.9	17.8	17.3	16.2	14.8	13.5	12.7	11.9	10.8	18.4	10.6	14.8	

Hourly Averages

14.9 14.3 13.7 13.1 12.4 11.8 12.0 13.4 14.8 16.1 17.2 18.2 19.0 19.6 20.0 20.4 20.4 20.1 19.0 17.9 17.2 16.6 15.9 15.2

Maximum Hourly Temperature: 29.5 Minimum Hourly Temperature: -0.8 Average Monthly Temperature: 16.4

Maximum 24-Hour Mean: 23.3 Minimum 24-Hour Mean: 1.6

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	9.1	9.7	9.2	8.8	8.6	8.3	8.7	9.4	10.6	12.1	13.2	14.5	14.9	15.3	16.2	16.8	16.5	15.5	14.7	13.8	12.9	12.3	11.9	16.8	8.3	12.5	
05/02/11	11.4	10.3	9.4	9.2	8.8	8.6	9.3	11.2	12.4	13.6	14.9	16.6	18.0	18.9	19.8	20.0	20.2	19.9	19.0	17.8	17.2	16.6	16.2	14.5	20.2	8.6	14.7
05/03/11	14.1	13.5	12.8	12.3	11.8	11.5	12.6	14.8	16.3	18.5	19.8	20.4	21.7	22.7	23.5	24.1	24.3	24.4	23.4	21.7	19.7	19.5	18.2	17.5	24.4	11.5	18.3
05/04/11	16.5	16.3	15.8	15.6	15.3	15.5	16.1	18.1	19.1	20.9	23.0	25.3	26.7	27.4	27.2	26.3	26.4	25.6	24.7	23.6	22.8	20.7	21.8	19.3	27.4	15.3	21.2
05/05/11	19.6	18.6	18.5	18.4	17.2	16.4	16.6	20.3	22.7	24.9	25.8	27.0	27.6	28.0	28.5	27.9	28.0	27.2	26.0	25.0	23.9	22.7	22.0	22.8	28.5	16.4	23.1
05/06/11	21.4	22.5	22.0	20.8	20.4	17.5	18.4	20.9	23.6	23.4	24.4	26.2	26.5	27.1	27.3	27.4	27.4	26.9	25.8	24.8	23.3	21.6	20.3	20.3	27.4	17.5	23.3
05/07/11	19.9	21.4	19.8	18.6	17.8	17.3	18.7	21.3	23.2	24.2	24.6	26.2	27.2	27.1	27.4	27.5	27.2	27.1	26.3	25.0	24.1	23.4	21.9	21.8	27.5	17.3	23.3
05/08/11	20.8	19.6	19.0	18.4	17.0	15.5	16.9	19.3	19.7	21.2	22.6	23.6	24.7	25.2	25.8	26.0	25.6	25.0	23.6	22.3	21.3	20.0	19.2	17.5	26.0	15.5	21.3
05/09/11	16.5	15.9	15.7	15.4	15.2	13.7	11.8	11.9	12.3	12.7	13.7	14.8	16.0	16.4	16.9	17.3	17.5	17.1	16.1	14.9	14.3	13.5	12.7	12.3	17.5	11.8	14.8
05/10/11	12.1	11.6	10.5	9.5	9.0	8.8	9.5	10.3	11.0	12.3	12.4	13.0	13.6	14.0	14.0	14.3	14.0	13.6	12.8	12.2	11.9	11.8	11.6	11.4	14.3	8.8	11.9
05/11/11	10.5	9.3	9.2	8.3	9.0	8.1	10.2	12.2	12.8	14.4	15.4	15.9	16.9	17.8	18.4	18.8	19.1	19.1	18.5	17.8	17.1	16.8	16.8	16.6	19.1	8.1	14.5
05/12/11	16.5	16.2	15.8	15.8	15.2	12.7	14.0	17.5	19.2	20.1	21.1	22.4	23.3	24.2	25.3	26.3	25.3	24.6	23.6	22.5	21.9	21.4	21.5	21.6	26.3	12.7	20.3
05/13/11	20.9	19.1	18.1	17.3	16.3	16.6	18.1	20.9	22.7	24.3	25.7	27.0	27.7	28.3	29.0	29.3	29.3	29.1	27.9	26.3	25.6	23.8	23.5	22.0	29.3	16.3	23.7
05/14/11	21.1	20.0	19.2	18.3	17.4	16.5	17.8	19.2	20.5	22.2	22.6	23.5	24.2	25.0	25.2	25.5	25.5	25.1	24.2	23.0	22.0	21.2	20.5	19.8	25.5	16.5	21.6
05/15/11	19.1	18.2	16.8	15.9	15.6	15.5	17.3	18.8	20.2	21.6	22.3	23.1	24.6	24.9	25.6	26.0	25.8	25.1	23.7	22.1	20.8	19.5	18.2	17.5	26.0	15.5	20.7
05/16/11	16.8	16.4	15.4	14.3	13.6	13.4	14.9	15.8	17.3	18.4	19.2	20.7	21.8	22.1	22.8	23.0	22.7	22.0	20.8	19.1	17.6	16.5	15.5	14.7	23.0	13.4	18.1
05/17/11	13.8	13.1	12.5	11.8	11.4	10.9	11.3	12.2	13.3	14.2	15.0	16.0	16.8	17.4	17.7	17.4	17.2	16.8	16.0	15.0	14.5	14.0	13.6	13.4	17.7	10.9	14.4
05/18/11	13.2	12.8	12.2	11.3	11.0	11.0	11.2	11.3	11.6	11.5	11.4	12.0	12.7	13.6	14.5	15.0	15.0	13.8	11.7	10.8	11.1	9.9	8.5	8.5	15.0	8.5	11.9
05/19/11	8.8	8.0	7.3	7.3	7.1	7.1	7.4	8.5	9.0	10.0	11.1	12.2	13.4	13.8	15.2	15.1	15.5	15.3	15.0	14.1	13.6	12.2	11.5	11.0	15.5	7.1	11.2
05/20/11	11.0	12.1	12.2	11.9	11.3	9.8	11.2	13.1	13.9	15.5	16.6	16.9	18.1	19.0	19.6	20.0	20.2	20.2	19.6	18.8	18.3	17.8	17.5	17.3	20.2	9.8	15.9
05/21/11	17.1	17.1	16.9	16.8	16.3	14.6	15.4	17.7	20.1	21.4	22.5	22.7	23.2	24.3	24.5	25.2	24.9	24.6	23.5	22.3	21.4	19.8	19.2	19.7	25.2	14.6	20.5
05/22/11	17.6	17.4	17.1	16.5	15.8	15.0	16.8	19.2	19.7	20.4	22.0	22.8	23.7	24.0	24.3	24.9	24.6	24.6	24.0	22.9	22.3	21.7	20.5	18.9	24.9	15.0	20.7
05/23/11	18.2	17.8	17.4	16.6	16.1	15.7	16.1	17.3	17.9	19.0	20.1	21.4	22.5	23.2	23.8	24.1	24.4	23.7	22.6	21.3	20.4	19.3	18.3	17.5	24.4	15.7	19.8
05/24/11	16.4	15.3	14.7	14.2	13.8	13.6	14.3	15.2	15.9	16.5	17.8	19.2	20.8	20.9	21.3	21.7	22.2	21.9	21.3	20.2	19.7	19.3	17.6	16.9	22.2	13.6	17.9
05/25/11	17.1	16.9	15.4	15.1	15.1	14.8	16.0	20.0	21.8	22.8	23.8	24.6	25.4	26.3	26.8	27.1	27.1	26.8	25.6	24.3	23.6	21.8	20.5	20.1	27.1	14.8	21.6
05/26/11	19.1	19.3	18.8	18.1	18.1	18.8	19.1	21.3	22.5	23.2	24.6	25.7	26.4	27.0	27.5	27.5	28.1	27.8	26.8	25.3	24.4	23.7	22.7	22.4	28.1	18.1	23.3
05/27/11	22.3	21.8	21.4	20.0	18.6	17.7	19.8	22.4	23.1	24.1	25.0	26.2	27.5	27.6	28.6	29.0	29.1	28.7	27.8	26.6	25.6	24.1	22.6	22.3	29.1	17.7	24.2
05/28/11	24.2	22.8	22.2	21.4	20.4	19.3	20.3	21.7	23.2	24.7	25.5	26.3	27.0	27.8	28.5	29.2	29.1	29.0	28.3	27.1	26.1	24.9	23.8	22.8	29.2	19.3	24.8
05/29/11	22.0	20.9	20.0	19.0	19.2	18.6	18.7	19.3	20.3	20.8	21.4	22.1	22.9	24.0	24.2	24.2	23.7	23.6	22.0	19.7	18.6	17.3	15.4	13.9	24.2	13.9	20.5
05/30/11	12.8	11.9	11.3	10.7	10.3	9.6	11.3	12.0	12.9	14.4	15.9	17.0	18.6	19.2	20.0	20.6	21.0	21.0	20.4	18.9	18.4	16.6	16.2	15.5	21.0	9.6	15.7
05/31/11	15.2	14.5	14.2	13.7	13.2	13.1	15.7	19.9	22.2	23.6	25.0	26.1	27.4	28.6	29.1	29.0	28.0	27.1	26.3	25.5	24.6	23.9	22.3	21.4	29.1	13.1	22.1

Hourly Averages
16.6 16.1 15.5 14.9 14.4 13.7 14.7 16.5 17.8 18.9 19.9 21.0 22.0 22.6 23.2 23.4 23.4 23.0 22.0 20.8 20.0 19.0 18.1 17.5

Maximum Hourly Temperature: 29.3 Minimum Hourly Temperature: 7.1 Average Monthly Temperature: 19.0

Maximum 24-Hour Mean: 24.8 Minimum 24-Hour Mean: 11.2

Total Number of Observations: 744 Possible Number of Observations: 744 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

TEMPERATURE (°C)

	Hour																								Max	Min	Avg
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			
06/01/11	21.2	20.7	19.8	19.3	19.7	18.9	19.2	20.4	22.6	25.3	26.7	27.4	28.2	28.5	28.3	28.1	27.8	28.3	26.0	24.5	23.3	22.8	22.1	21.6	28.5	18.9	23.8
06/02/11	21.5	20.7	19.8	17.8	17.1	16.8	17.7	21.3	21.4	22.4	23.7	24.8	25.1	25.5	26.1	26.2	26.1	25.7	24.8	23.3	22.5	21.1	19.5	18.9	26.2	16.8	22.1
06/03/11	18.4	17.3	17.1	16.2	16.2	15.6	17.2	21.0	22.4	23.5	24.4	25.3	26.4	27.1	27.7	27.8	27.6	27.7	26.8	25.4	24.2	23.9	23.8	23.0	27.8	15.6	22.7
06/04/11	21.4	19.2	18.3	17.9	17.3	18.0	20.0	23.1	24.7	26.3	27.5	28.6	29.4	30.5	30.9	30.5	30.8	30.7	29.8	28.2	27.0	25.6	24.7	24.5	30.9	17.3	25.2
06/05/11	23.0	22.6	22.3	21.0	20.9	20.0	21.4	25.3	25.7	26.6	28.5	29.9	30.5	30.9	31.3	31.4	31.3	30.9	30.3	28.9	27.2	26.5	24.4	25.7	31.4	20.0	26.5
06/06/11	25.8	24.9	23.8	22.8	22.9	22.5	23.0	24.7	25.7	26.6	27.4	27.7	28.4	29.0	29.2	28.9	28.3	27.6	26.1	24.3	23.4	22.6	21.6	21.1	29.2	21.1	25.3
06/07/11	19.2	19.4	19.3	17.3	16.6	16.1	18.1	21.4	22.6	23.3	24.4	25.4	26.0	26.8	27.3	27.8	28.4	28.1	27.3	25.7	24.6	23.7	22.8	21.0	28.4	16.1	23.0
06/08/11	21.5	20.6	19.5	18.6	18.4	17.9	18.9	20.2	21.5	23.0	24.3	25.4	26.6	27.3	27.3	27.5	27.3	26.9	25.9	24.3	23.4	22.6	21.9	20.8	27.5	17.9	23.0
06/09/11	18.4	17.9	17.3	17.1	16.3	16.9	18.6	22.3	23.9	24.7	25.7	26.2	27.0	27.6	28.0	28.3	28.3	27.6	26.4	25.2	24.7	24.1	23.5	23.5	28.3	16.3	23.3
06/10/11	22.8	22.7	21.5	21.7	19.9	19.0	19.9	23.6	24.2	24.6	25.9	26.6	27.8	28.0	28.7	28.8	29.0	28.8	28.0	26.6	25.6	24.9	23.3	23.7	29.0	19.0	24.8
06/11/11	22.2	21.3	20.9	19.6	18.1	17.7	19.7	22.7	23.4	24.3	25.5	26.7	27.7	28.1	28.5	28.8	28.8	28.7	28.4	27.0	25.3	23.7	22.3	22.3	28.8	17.7	24.2
06/12/11	21.7	21.7	21.2	19.5	19.9	21.7	22.4	24.0	24.9	25.7	26.5	27.9	28.6	29.0	29.5	30.0	30.2	30.1	29.3	28.0	26.9	25.8	24.4	23.4	30.2	19.5	25.5
06/13/11	22.5	21.0	19.4	18.6	17.9	18.1	20.2	23.6	24.8	25.4	26.6	27.8	28.6	29.0	29.4	29.7	29.7	29.7	29.1	27.4	26.4	26.1	23.8	22.3	29.7	17.9	24.9
06/14/11	21.9	22.0	21.0	20.6	20.2	19.7	21.3	24.7	27.0	27.2	28.1	29.3	30.2	30.8	31.3	31.3	31.3	30.9	30.1	28.6	27.6	27.0	26.4	26.0	31.3	19.7	26.4
06/15/11	25.5	24.4	23.9	24.3	22.5	22.4	23.5	26.7	27.8	28.1	29.6	30.7	31.3	31.7	32.2	32.4	32.4	32.4	31.6	30.4	29.4	27.8	27.1	27.0	32.4	22.4	28.1
06/16/11	26.3	25.6	24.7	24.2	24.1	23.8	23.8	25.9	26.4	27.1	28.1	28.4	29.1	29.5	29.9	30.3	30.6	30.3	29.1	28.4	27.7	26.6	25.3	30.6	23.8	27.3	
06/17/11	24.4	23.6	23.0	22.8	22.4	21.9	22.9	23.9	24.8	26.0	27.1	28.5	28.9	30.2	30.8	31.2	31.4	31.0	30.3	28.8	27.8	26.7	25.6	24.6	31.4	21.9	26.6
06/18/11	23.8	24.0	22.6	21.9	20.3	20.3	22.2	23.8	25.0	26.5	27.8	29.0	29.7	30.8	31.1	31.0	31.1	31.2	30.7	29.1	28.0	27.0	25.9	25.2	31.2	20.3	26.6
06/19/11	24.4	23.5	23.1	22.9	22.7	22.4	22.8	23.3	24.3	25.1	25.9	26.4	27.0	28.2	28.8	28.9	28.7	28.2	27.2	26.2	25.5	24.8	24.6	24.3	28.9	22.4	25.4
06/20/11	23.8	22.5	22.2	20.3	19.0	19.0	20.1	22.6	24.6	25.5	26.4	27.3	27.8	28.2	28.5	28.8	28.9	28.8	27.3	26.7	26.3	26.0	25.9	28.9	19.0	25.2	
06/21/11	26.1	24.5	22.1	21.7	21.8	21.2	23.0	26.4	28.4	29.9	30.4	31.1	31.9	32.5	33.0	33.3	33.2	32.8	32.3	30.9	30.1	29.4	29.3	29.5	33.3	21.2	28.5
06/22/11	28.3	25.9	28.0	27.7	25.3	24.4	25.8	29.6	30.2	30.3	31.5	32.8	33.7	34.2	34.9	35.1	34.9	34.5	33.9	32.5	31.8	31.3	30.6	30.0	35.1	24.4	30.7
06/23/11	29.7	29.1	28.4	27.5	27.1	25.0	27.4	27.9	28.5	29.8	31.0	31.3	32.3	32.7	33.3	33.5	34.0	33.3	32.8	31.6	30.8	30.2	29.2	28.5	34.0	25.0	30.2
06/24/11	27.9	27.5	26.6	25.0	24.5	24.5	25.7	28.0	27.9	29.1	30.2	31.2	32.1	32.5	33.0	33.5	33.3	33.2	32.7	31.4	30.8	30.3	29.5	28.5	33.5	24.5	29.5
06/25/11	27.8	27.2	25.7	26.0	24.7	24.7	27.5	27.8	28.9	31.2	32.6	33.6	34.2	34.4	34.6	34.3	33.9	33.4	32.1	31.4	29.6	27.9	27.4	34.6	23.5	29.8	
06/26/11	27.6	29.4	28.6	26.0	25.4	25.3	26.3	30.1	31.3	31.8	32.8	33.6	33.9	34.4	34.8	34.7	34.9	34.4	33.9	32.8	32.1	31.2	29.0	31.0	34.9	25.3	31.0
06/27/11	30.8	29.9	27.4	27.1	26.5	25.9	27.4	30.4	33.1	33.7	34.5	35.3	36.1	36.7	36.5	36.9	36.9	36.5	35.6	34.4	33.7	32.7	32.4	31.9	36.9	25.9	32.6
06/28/11	30.3	28.3	27.9	28.5	27.3	26.9	27.7	29.4	31.5	32.5	32.7	33.7	34.9	34.8	34.4	35.6	34.6	34.6	34.1	32.8	31.8	30.8	30.6	31.3	35.6	26.9	31.5
06/29/11	30.4	28.7	27.1	26.4	25.9	26.1	26.7	27.2	28.0	29.3	30.7	32.0	32.6	33.3	33.8	33.7	33.7	33.3	32.6	31.9	31.5	30.6	29.2	28.5	33.8	25.9	30.1
06/30/11	28.0	27.1	25.6	24.3	24.3	25.0	24.6	25.4	26.6	27.5	28.4	29.4	30.6	31.3	31.9	32.3	32.5	32.1	31.5	30.1	29.4	28.6	26.2	25.9	32.5	24.3	28.3

Hourly Averages

24.6 23.8 22.9 22.2 21.5 21.2 22.4 24.9 26.0 27.0 28.1 29.1 29.9 30.4 30.8 31.0 31.0 30.7 30.0 28.6 27.7 26.8 25.8 25.4

Maximum Hourly Temperature: 36.9 Minimum Hourly Temperature: 15.6 Average Monthly Temperature: 26.7

Maximum 24-Hour Mean: 32.6

Minimum 24-Hour Mean: 22.1

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC1-E

HOURLY RELATIVE HUMIDITY DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

RELATIVE HUMIDITY (%)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
04/01/11	23.6	23.9	15.6	16.0	15.3	21.6	17.9	15.6	14.8	14.2	12.8	11.1	8.9	8.0	8.2	8.3	9.3	9.1	9.6	10.6	10.9	11.8	14.9	14.4	23.9	8.0	13.6	
04/02/11	13.2	13.6	14.2	18.8	17.6	19.6	17.0	17.0	15.5	15.1	15.1	13.9	13.7	13.7	13.7	13.0	13.4	15.9	19.0	19.5	20.3	21.8	22.1	23.6	23.6	13.0	16.7	
04/03/11	26.3	29.5	31.9	33.2	31.6	36.1	37.6	38.6	37.9	32.2	29.6	30.4	25.6	22.9	21.5	21.7	22.2	23.5	25.3	23.4	23.8	27.0	30.5	32.2	38.6	21.5	28.9	
04/04/11	32.6	40.6	27.1	25.1	24.7	23.2	21.6	19.0	17.6	13.7	13.2	11.2	10.4	7.7	7.2	8.4	9.6	10.1	10.7	11.7	12.0	14.1	15.4	14.3	40.6	7.2	16.7	
04/05/11	16.6	14.6	15.8	13.7	13.9	13.4	12.9	11.5	10.5	10.4	9.3	8.9	9.8	8.0	8.2	6.9	8.6	8.8	10.2	10.5	10.6	11.4	12.0	12.8	16.6	6.9	11.2	
04/06/11	13.4	13.5	15.1	17.4	19.4	21.9	22.7	21.7	15.3	15.5	20.7	33.8	48.4	60.8	47.3	50.2	46.3	48.9	42.7	47.6	42.4	40.1	40.2	60.8	13.4	31.7		
04/07/11	39.7	38.2	36.0	43.1	46.4	48.2	47.0	45.3	41.6	40.5	36.9	36.8	35.2	33.2	29.1	24.3	24.8	23.8	28.2	31.1	34.1	33.5	36.4	45.8	48.2	23.8	36.6	
04/08/11	44.3	53.0	56.0	49.2	50.0	48.5	48.9	49.4	51.5	49.2	45.1	45.3	37.6	38.9	35.0	38.6	35.8	38.6	36.1	43.2	48.5	55.6	54.0	61.6	61.6	35.0	46.4	
04/09/11	66.9	76.5	80.0	76.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	98.5	98.1	98.3	97.7	96.7	95.1	94.5	100.0	66.9	94.8		
04/10/11	95.4	91.6	92.2	84.2	93.0	94.4	90.6	85.1	50.3	66.9	64.5	60.9	63.3	53.7	49.4	51.2	45.7	45.1	49.8	50.9	52.7	53.7	55.5	66.3	95.4	45.1	66.9	
04/11/11	56.1	61.1	63.5	61.5	57.6	39.8	33.6	31.3	26.3	21.8	18.6	17.3	13.2	12.8	13.2	11.6	11.8	11.8	14.4	17.9	17.6	16.0	15.6	17.9	63.5	11.6	27.6	
04/12/11	15.5	20.4	22.1	22.8	27.3	18.6	24.1	29.8	20.9	20.3	25.2	20.1	19.5	19.0	20.0	17.4	15.8	17.3	18.3	17.4	18.9	22.9	24.7	27.2	29.8	15.5	21.1	
04/13/11	30.8	29.2	29.9	31.0	34.5	30.9	36.4	27.2	24.4	22.4	22.9	23.4	19.9	18.4	18.8	21.2	19.4	17.4	20.8	21.5	18.6	14.9	16.6	18.2	36.4	14.9	23.7	
04/14/11	18.9	24.2	28.5	31.2	37.9	36.4	33.3	32.6	29.6	29.0	22.8	21.5	18.0	15.0	13.8	13.8	13.0	12.6	13.4	14.4	15.6	16.3	17.7	21.9	37.9	12.6	22.1	
04/15/11	24.2	18.8	14.7	15.3	20.2	21.0	21.3	20.7	17.7	14.4	14.3	11.5	10.1	8.1	8.1	6.7	6.5	5.9	7.8	10.9	11.4	10.5	10.2	10.4	24.2	5.9	13.4	
04/16/11	10.5	9.4	10.2	10.3	10.6	11.3	11.2	11.4	10.4	8.7	7.9	9.6	8.9	9.4	10.1	10.5	9.7	11.0	12.1	12.8	13.4	13.6	13.9	14.5	14.5	7.9	10.9	
04/17/11	14.6	14.9	19.6	21.2	22.3	23.5	18.9	20.6	16.2	15.4	14.5	14.6	14.1	14.1	14.3	13.5	13.5	13.8	14.9	15.5	15.7	15.6	15.8	18.7	23.5	13.5	16.5	
04/18/11	20.4	24.1	27.8	29.7	33.3	33.9	25.8	22.5	20.5	21.0	16.4	14.3	15.0	14.3	13.4	14.0	13.2	14.3	17.0	20.5	24.3	24.5	28.0	29.9	33.9	13.2	21.6	
04/19/11	31.9	33.6	36.2	35.1	38.0	45.7	41.2	45.2	40.2	34.6	30.8	30.5	26.7	24.8	23.4	22.3	23.9	24.7	27.6	28.3	29.6	31.5	34.0	38.9	45.7	22.3	32.4	
04/20/11	41.0	42.2	45.2	47.3	47.6	49.1	48.1	37.4	26.7	23.6	22.2	22.7	20.5	21.1	18.0	15.5	17.8	19.4	21.6	23.2	22.4	25.0	25.0	26.2	49.1	15.5	29.5	
04/21/11	29.6	33.9	37.9	43.4	45.5	46.9	39.6	35.4	34.5	33.4	30.2	29.1	26.1	22.2	19.8	15.7	14.8	16.0	17.9	19.9	22.9	25.6	27.0	29.3	46.9	14.8	29.0	
04/22/11	31.3	32.9	32.6	30.4	33.7	24.4	22.6	23.3	26.1	22.7	23.3	19.7	14.6	11.2	13.4	13.0	13.4	12.5	12.9	13.2	13.2	14.0	15.6	14.8	33.7	11.2	20.2	
04/23/11	14.4	18.0	17.9	18.3	22.1	22.7	21.7	18.8	18.9	19.3	17.1	13.5	12.1	15.4	17.9	21.5	22.4	20.4	22.4	23.6	27.1	32.0	36.1	39.4	12.1	21.4		
04/24/11	40.2	46.6	48.9	52.8	53.8	45.0	44.1	45.2	43.1	38.4	35.4	35.0	31.7	28.3	25.9	19.2	19.4	23.0	26.2	27.8	30.4	32.2	34.9	40.3	53.8	19.2	36.2	
04/25/11	38.6	35.3	40.1	43.7	49.0	46.7	44.3	43.6	44.4	36.8	31.6	26.3	23.2	22.6	19.8	22.1	20.9	20.3	21.0	21.9	24.2	23.0	22.7	23.6	49.0	19.8	31.1	
04/26/11	22.6	23.5	32.4	36.3	40.6	42.7	40.9	44.1	38.5	35.2	31.7	29.5	20.2	15.9	11.8	7.7	7.1	8.1	9.5	8.6	7.9	8.7	7.8	8.8	44.1	7.1	22.5	
04/27/11	10.2	12.7	14.6	16.5	18.6	20.2	20.3	19.0	17.5	13.6	12.2	11.9	10.6	11.4	10.6	10.8	11.4	11.1	12.0	12.7	13.0	13.0	13.2	14.0	20.3	10.2	13.8	
04/28/11	14.5	17.7	17.9	18.6	19.5	20.0	17.8	13.9	12.5	11.7	11.5	11.6	11.2	11.4	10.8	11.1	10.1	10.9	11.9	12.0	13.0	14.7	14.5	14.0	20.0	10.1	13.9	
04/29/11	14.2	15.3	19.9	22.5	23.3	22.0	22.3	22.8	22.1	19.5	17.6	17.9	15.5	14.1	14.0	13.0	13.2	13.6	13.8	15.2	17.7	19.5	14.9	14.0	23.3	13.0	17.4	
04/30/11	15.6	17.3	20.4	22.6	29.4	20.3	14.5	14.4	14.5	14.0	13.3	13.8	12.3	11.9	11.6	10.6	9.6	9.0	8.3	8.6	9.4	9.9	10.7	12.9	29.4	8.3	14.0	

Hourly Averages

28.9 30.9 32.1 32.9 35.9 34.9 33.3 32.1 28.7 27.1 25.4 24.4 22.7 21.9 21.4 20.4 20.1 20.4 22.0 22.9 24.1 25.0 25.8 28.0

Maximum Hourly Humidity: 100.0

Minimum Hourly Humidity: 5.9

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

RELATIVE HUMIDITY (%)

	Hour		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
Day	Date	HR																											
05/01/11	12.9	11.5	12.8	13.4	13.8	14.6	14.6	14.8	14.3	13.4	11.7	8.4	8.9	9.3	8.3	8.2	7.8	8.4	10.3	10.9	10.7	9.3	9.4	9.7	14.8	7.8	11.1		
05/02/11	10.6	12.4	12.0	13.5	14.0	15.4	15.9	15.2	14.6	12.7	10.9	9.8	9.9	9.2	7.3	9.2	7.5	8.7	8.9	8.9	8.3	8.6	8.4	10.2	15.9	7.3	10.9		
05/03/11	12.5	14.1	14.9	15.1	17.3	15.8	15.5	13.5	12.7	11.5	11.0	10.7	10.1	9.5	9.1	8.0	7.3	8.0	8.1	10.3	9.9	10.6	10.9	11.7	17.3	7.3	11.6		
05/04/11	12.0	12.2	12.1	12.6	12.5	12.6	12.1	12.9	11.8	10.6	10.6	7.7	6.7	5.9	5.7	7.2	6.6	5.2	5.6	6.8	8.2	9.5	9.9	9.1	12.9	5.2	9.4		
05/05/11	9.9	10.0	10.0	10.3	9.9	12.1	12.1	10.8	8.7	8.6	8.4	6.5	7.1	6.0	6.4	6.8	7.9	7.5	7.7	8.3	9.2	9.8	9.1	7.0	12.1	6.0	8.7		
05/06/11	8.9	9.1	10.2	11.2	13.4	14.0	15.1	12.0	10.7	10.9	9.8	9.1	8.4	8.5	8.5	8.0	8.3	8.3	8.8	9.5	10.4	12.7	12.8	12.4	15.1	8.0	10.4		
05/07/11	12.9	11.8	12.7	14.6	14.5	14.4	18.1	12.9	11.0	10.2	9.9	9.2	6.9	7.8	6.7	7.1	6.9	7.1	7.9	8.7	8.9	9.3	11.1	12.3	18.1	6.7	10.5		
05/08/11	12.9	13.1	11.6	12.6	14.7	14.8	13.0	15.7	16.7	13.5	11.4	9.8	10.2	9.2	9.0	9.1	9.2	10.9	13.3	17.0	21.0	25.6	30.2	33.9	33.9	9.0	14.9		
05/09/11	32.9	33.3	29.5	32.3	33.9	45.0	51.9	49.8	50.9	49.1	43.8	35.4	24.9	24.1	26.4	25.6	23.2	21.3	21.3	23.6	25.1	27.0	25.9	26.0	51.9	21.3	32.6		
05/10/11	27.0	29.4	35.9	38.8	40.2	48.9	42.3	51.6	45.0	46.9	40.8	35.3	20.3	18.9	20.2	19.5	24.0	26.4	28.7	28.5	30.3	31.5	32.8	33.7	51.6	18.9	33.2		
05/11/11	38.4	39.1	43.7	39.1	42.1	45.0	35.5	34.1	34.3	31.2	28.1	27.6	23.1	22.2	23.5	22.7	22.3	22.3	23.6	23.5	24.8	25.3	24.9	24.8	45.0	22.2	30.0		
05/12/11	25.7	25.4	26.1	25.0	30.4	32.1	27.9	23.7	21.5	19.2	15.9	15.1	14.3	12.2	11.5	11.9	14.5	15.1	18.3	19.6	20.0	20.7	19.2	17.8	32.1	11.5	20.1		
05/13/11	18.6	21.0	22.7	26.0	21.4	19.6	15.8	13.8	12.6	13.1	11.8	10.3	9.5	8.2	7.1	9.1	9.5	9.3	9.5	10.0	10.8	12.3	14.4	15.9	26.0	7.1	13.8		
05/14/11	21.3	20.8	20.5	20.2	22.7	23.2	21.9	22.1	19.5	18.8	17.9	14.5	14.0	13.2	13.5	10.2	11.2	11.3	12.8	13.7	14.6	17.2	19.2	19.0	23.2	10.2	17.2		
05/15/11	21.1	23.7	24.6	25.2	24.5	24.4	20.0	18.4	17.4	14.2	14.8	13.8	10.7	9.7	9.7	8.3	8.8	11.0	13.9	17.4	17.6	15.9	17.6	20.6	25.2	8.3	16.8		
05/16/11	23.7	24.6	25.8	29.2	31.5	33.1	32.6	25.1	24.0	21.4	18.5	14.0	13.2	14.1	12.6	13.5	14.4	15.4	18.6	24.1	26.0	25.4	23.5	19.2	33.1	12.6	21.8		
05/17/11	16.7	19.4	21.3	24.9	25.5	26.7	27.1	25.9	25.1	25.9	26.6	25.3	25.1	24.7	26.7	31.8	32.6	34.4	40.1	43.5	46.2	48.1	49.1	50.4	50.4	16.7	31.0		
05/18/11	51.7	53.2	60.0	62.5	65.5	63.8	60.3	61.5	58.2	62.3	60.5	58.7	56.8	49.7	42.9	40.1	44.9	52.0	80.3	73.8	69.5	95.2	98.7	92.4	98.7	40.1	63.1		
05/19/11	91.1	83.5	76.7	77.4	70.3	69.2	75.8	71.7	63.1	56.9	47.5	44.6	42.4	33.7	33.7	28.7	27.5	28.6	27.0	30.4	33.1	35.5	39.2	41.3	91.1	27.0	51.2		
05/20/11	36.0	33.0	33.7	34.7	38.9	46.0	36.0	34.6	34.9	33.6	30.0	29.8	27.1	25.6	23.9	23.9	22.4	23.2	25.2	25.8	25.9	26.6	27.3	27.0	46.0	22.4	30.2		
05/21/11	28.3	28.4	29.5	30.1	32.2	36.0	34.7	27.7	24.9	17.5	18.5	19.3	19.3	17.5	19.4	15.9	15.2	15.7	16.8	17.8	18.6	20.3	19.4	26.1	36.0	15.2	22.9		
05/22/11	24.6	27.1	22.7	26.6	27.6	27.0	25.3	20.9	19.5	17.0	15.5	14.3	13.6	12.7	12.8	13.1	13.4	13.4	11.4	11.8	11.8	13.9	21.8	23.4	27.6	11.4	18.4		
05/23/11	24.4	23.0	17.6	24.4	27.4	27.3	26.9	25.2	19.8	18.9	15.2	13.9	12.8	12.6	13.9	13.5	13.8	14.8	17.6	18.2	23.7	30.4	28.2	24.0	30.4	12.6	20.3		
05/24/11	28.1	31.9	29.6	30.5	29.2	29.4	27.3	24.5	22.6	20.6	21.6	15.3	12.0	14.5	14.0	12.9	13.5	13.2	14.0	15.0	17.1	18.5	20.9	19.4	31.9	12.0	20.6		
05/25/11	20.3	22.1	24.1	21.9	22.8	24.6	20.2	17.7	13.4	13.2	11.9	12.2	11.3	10.9	11.2	10.1	9.8	10.2	11.1	11.1	11.9	13.0	14.0	14.0	24.6	9.8	15.1		
05/26/11	14.8	15.1	18.0	17.5	15.3	16.8	15.8	15.1	14.1	13.5	12.7	11.5	10.9	10.8	10.4	10.7	9.4	8.7	10.0	11.4	11.9	12.6	13.3	13.1	18.0	8.7	13.1		
05/27/11	11.9	11.2	11.5	12.2	14.2	13.9	13.3	13.1	12.1	11.3	11.6	11.5	12.7	12.4	11.8	11.9	12.3	13.1	13.8	14.8	15.5	19.5	20.9	18.6	20.9	11.2	13.5		
05/28/11	20.0	22.5	23.4	23.6	25.9	27.8	25.7	22.9	20.0	17.5	15.9	15.7	14.6	14.1	13.9	14.3	13.6	13.3	13.8	15.2	19.7	20.0	23.3	24.6	27.8	13.3	19.2		
05/29/11	25.9	28.0	29.9	30.2	31.4	31.8	31.9	32.4	32.7	33.3	31.2	32.1	28.9	26.4	25.6	25.2	24.7	24.9	25.0	27.2	27.7	29.9	31.4	30.3	33.3	24.7	29.1		
05/30/11	28.4	29.0	29.4	30.9	33.3	33.1	29.6	29.4	24.0	20.6	15.7	13.7	13.2	13.0	12.0	11.3	10.4	10.8	11.9	12.3	13.1	14.3	14.6	15.8	33.3	10.4	19.6		
05/31/11	15.8	15.6	18.1	19.8	20.9	19.9	15.1	12.8	11.1	11.4	12.1	11.4	10.9	11.0	11.1	11.3	12.2	12.8	12.8	13.2	13.2	14.8	15.4	20.9	10.9	14.1			

Hourly Averages

23.8 24.3 24.9 26.0 27.0 28.3 26.7 25.2 23.3 21.9 20.1 18.3 16.4 15.4 15.1 14.8 15.0 15.6 17.7 18.8 19.8 22.0 23.1 23.2

Maximum Hourly Humidity: 98.7

Minimum Hourly Humidity: 5.2

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

RELATIVE HUMIDITY (%)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
06/01/11	15.2	17.9	18.6	17.8	18.1	19.8	15.2	17.9	15.1	12.7	12.0	11.0	10.0	10.0	10.3	11.0	8.5	11.2	12.9	13.9	13.9	13.8	13.2	12.9	19.8	8.5	13.9	
06/02/11	13.1	14.2	15.3	17.9	18.2	19.6	15.8	10.6	10.4	9.9	10.7	9.0	9.3	9.6	9.5	10.6	10.6	10.4	11.1	9.7	9.7	10.5	11.1	12.1	19.6	9.0	12.0	
06/03/11	12.9	12.1	13.3	13.2	13.0	13.5	12.6	11.0	9.2	8.4	8.0	7.0	6.9	6.6	6.2	7.3	7.9	7.1	7.4	7.9	8.5	7.9	7.5	7.9	13.5	6.2	9.3	
06/04/11	9.5	10.0	10.2	10.6	11.0	7.9	9.3	9.0	8.4	8.0	7.6	7.7	7.2	6.7	6.8	6.8	6.7	6.8	7.3	7.7	8.3	9.1	10.1	9.2	11.0	6.7	8.4	
06/05/11	10.3	10.7	11.2	11.2	11.6	13.0	11.3	8.9	9.1	8.4	8.2	7.5	7.1	7.4	7.8	8.0	8.0	8.0	8.2	8.8	10.0	11.1	11.7	10.7	13.0	7.1	9.5	
06/06/11	11.2	12.5	12.9	13.1	13.6	13.8	13.9	13.9	14.9	14.3	14.0	12.4	10.6	10.3	9.4	9.9	11.4	12.8	14.7	14.9	15.6	15.0	14.9	18.6	18.6	9.4	13.3	
06/07/11	18.2	12.4	15.1	15.9	15.8	17.9	15.3	13.5	12.5	11.9	10.5	9.2	8.0	9.1	9.6	10.9	10.9	10.2	10.5	10.9	11.6	12.2	14.8	14.1	18.2	8.0	12.5	
06/08/11	14.9	18.3	19.3	17.3	16.5	19.4	15.7	15.4	14.2	12.6	10.1	8.3	6.7	7.1	7.0	7.1	7.5	8.5	11.2	12.5	13.4	14.1	14.7	15.1	19.4	6.7	12.8	
06/09/11	18.8	18.4	15.4	16.2	17.4	18.0	15.1	11.9	12.3	11.4	10.2	10.1	10.1	9.1	8.3	8.2	8.2	10.8	11.4	11.7	11.6	12.6	12.7	12.3	18.8	8.2	12.6	
06/10/11	12.5	12.6	14.1	15.0	17.1	17.4	15.6	14.0	14.7	14.3	13.6	12.2	11.9	10.8	10.0	9.7	9.6	9.6	10.1	11.4	11.6	12.7	13.4	17.7	9.6	13.0		
06/11/11	20.8	23.1	19.2	24.8	25.2	23.6	19.4	14.4	14.6	13.3	11.4	9.3	8.1	9.9	8.1	8.0	8.3	8.4	8.0	10.2	11.3	11.4	12.0	11.9	25.2	8.0	13.9	
06/12/11	12.7	12.3	13.2	14.2	14.0	14.4	14.1	15.2	17.5	14.3	14.1	10.3	10.1	9.7	7.6	9.0	8.0	8.4	8.3	8.5	9.2	11.4	12.2	12.5	17.5	7.6	11.7	
06/13/11	12.9	14.5	15.0	14.8	15.8	13.9	12.6	8.8	11.4	11.0	8.7	7.5	5.8	5.4	6.3	7.4	6.2	6.2	6.8	7.3	7.6	8.1	9.3	9.7	15.8	5.4	9.7	
06/14/11	10.0	10.4	11.0	11.8	11.6	11.5	12.1	9.1	8.7	9.5	9.1	8.8	9.3	8.8	8.9	8.8	9.0	9.6	10.1	10.5	10.4	11.2	10.7	10.5	12.1	8.7	10.0	
06/15/11	12.4	13.3	13.3	14.0	14.3	15.8	14.3	13.4	12.8	13.5	12.3	11.2	10.9	10.7	10.8	10.8	10.6	10.8	11.1	12.8	13.3	13.8	15.1	15.3	15.8	10.6	12.9	
06/16/11	15.7	18.2	14.1	14.4	14.8	17.5	14.8	13.4	12.0	10.7	10.3	10.2	10.9	11.7	11.5	11.3	10.6	10.7	11.5	12.3	14.3	13.5	15.7	18.2	10.2	13.0		
06/17/11	17.7	17.6	18.0	18.9	21.1	19.9	17.9	18.1	16.2	14.8	13.1	11.4	11.0	10.3	9.6	9.5	9.8	10.0	10.9	12.1	14.4	16.4	18.3	18.2	21.1	9.5	14.8	
06/18/11	15.4	15.2	21.0	21.3	23.6	22.0	20.8	19.4	15.1	12.5	12.6	9.4	10.6	8.6	8.6	8.6	8.9	8.4	8.0	8.6	8.7	9.6	10.6	11.8	12.1	23.6	8.0	13.4
06/19/11	10.4	9.7	9.8	10.7	11.1	11.4	10.6	11.5	12.6	12.3	12.6	12.0	11.7	11.2	11.2	11.4	11.9	12.3	12.9	13.3	14.4	15.3	16.1	17.4	9.7	12.2		
06/20/11	19.0	20.0	21.0	23.8	25.7	25.8	20.4	17.6	15.5	15.8	15.6	14.3	12.9	12.3	11.4	9.3	8.3	9.5	9.6	10.0	10.5	10.7	11.3	10.7	25.8	8.3	15.0	
06/21/11	11.4	13.9	14.3	13.9	14.4	14.4	12.7	11.7	11.1	10.7	10.2	9.6	8.9	8.9	9.3	8.6	8.7	8.7	9.2	9.6	10.2	10.7	10.4	10.2	14.4	8.6	10.9	
06/22/11	12.3	12.3	10.5	11.9	13.0	13.1	12.1	10.1	10.9	10.6	9.7	9.8	9.1	8.9	9.0	8.9	8.6	9.2	9.6	10.8	10.9	10.9	11.3	12.4	13.1	8.6	10.7	
06/23/11	13.2	14.3	14.9	16.2	19.0	17.4	16.2	15.6	15.5	13.9	12.9	12.5	12.8	11.7	11.0	11.7	11.8	12.3	14.3	14.8	15.1	17.3	19.9	21.9	21.9	11.0	14.8	
06/24/11	25.2	25.9	27.8	31.9	27.2	29.7	26.3	25.2	22.9	23.6	21.1	18.2	15.0	14.1	13.4	14.0	13.0	14.4	14.6	15.6	15.5	17.1	18.6	21.0	31.9	13.0	20.5	
06/25/11	21.3	22.4	23.3	25.5	28.3	29.7	24.1	23.2	23.0	19.9	15.2	13.3	11.6	9.9	9.9	10.1	10.2	11.6	12.6	13.1	14.5	15.2	16.3	16.4	29.7	9.9	17.5	
06/26/11	15.2	13.8	15.6	18.1	19.0	20.7	18.0	13.2	14.5	11.9	11.2	11.4	10.1	9.4	9.3	9.8	10.0	10.4	10.9	10.7	12.6	10.9	10.8	20.7	9.3	12.8		
06/27/11	10.9	12.3	12.4	13.4	12.7	12.5	12.8	10.6	8.7	9.0	9.3	8.6	8.2	8.7	8.3	8.0	7.8	8.2	9.0	9.2	9.9	10.5	11.1	11.3	13.4	7.8	10.1	
06/28/11	12.3	13.2	14.4	13.4	14.7	14.8	14.5	12.4	11.6	11.7	10.7	10.6	9.4	11.3	10.5	11.4	11.7	11.5	13.5	14.0	15.1	16.4	15.4	16.4	9.4	12.9		
06/29/11	19.3	29.5	34.0	40.6	40.6	40.3	38.9	37.3	32.2	29.7	25.8	23.5	22.6	21.0	22.1	22.3	22.2	20.7	24.1	24.2	24.9	23.3	22.7	21.9	40.6	19.3	27.7	
06/30/11	21.6	33.7	41.7	45.3	37.5	37.8	36.0	27.0	22.5	19.3	17.4	15.7	14.7	13.9	13.1	12.4	13.2	12.9	13.3	14.3	14.2	15.7	16.3	17.3	45.3	12.4	21.9	
Hourly Averages			14.9	16.2	17.0	18.2	18.5	18.9	16.9	15.1	14.3	13.3	12.3	11.1	10.4	10.1	9.8	10.0	9.9	10.3	11.1	11.7	12.3	13.1	13.6	14.1		
Maximum Hourly Humidity:			45.3																									
Total Number of Observations:			720																									
Possible Number of Observations:			720																									
INV = Invalid Data																												
ND = No Data Collection																												

APPENDIX KC1-F
HOURLY BAROMETRIC PRESSURE DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
APRIL 2011
BAROMETRIC PRESSURE (in Hg)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
	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	Max	Min	Avg
04/01/11	25.75	25.74	25.72	25.71	25.71	25.72	25.74	25.74	25.76	25.76	25.77	25.76	25.75	25.73	25.70	25.68	25.66	25.66	25.67	25.68	25.69	25.71	25.71	25.71	25.77	25.66	25.72	
04/02/11	25.71	25.71	25.70	25.70	25.70	25.70	25.71	25.73	25.74	25.74	25.75	25.74	25.73	25.71	25.68	25.66	25.64	25.63	25.64	25.63	25.65	25.67	25.69	25.69	25.75	25.63	25.69	
04/03/11	25.69	25.70	25.69	25.67	25.67	25.67	25.68	25.69	25.70	25.70	25.70	25.71	25.69	25.68	25.66	25.62	25.63	25.63	25.65	25.66	25.68	25.71	25.74	25.77	25.77	25.62	25.68	
04/04/11	25.78	25.79	25.80	25.80	25.80	25.81	25.83	25.86	25.87	25.89	25.90	25.89	25.89	25.88	25.85	25.83	25.82	25.81	25.80	25.81	25.82	25.83	25.84	25.84	25.90	25.78	25.84	
04/05/11	25.84	25.84	25.83	25.82	25.80	25.79	25.80	25.80	25.80	25.80	25.79	25.78	25.76	25.74	25.71	25.68	25.67	25.68	25.68	25.70	25.72	25.72	25.72	25.84	25.67	25.76		
04/06/11	25.73	25.73	25.72	25.72	25.71	25.71	25.72	25.72	25.74	25.75	25.72	25.73	25.74	25.76	25.79	25.74	25.74	25.72	25.71	25.70	25.70	25.69	25.68	25.79	25.68	25.72		
04/07/11	25.68	25.67	25.66	25.64	25.64	25.63	25.64	25.65	25.67	25.67	25.66	25.64	25.62	25.60	25.58	25.56	25.55	25.54	25.55	25.55	25.57	25.58	25.58	25.68	25.54	25.62		
04/08/11	25.58	25.58	25.56	25.55	25.55	25.55	25.55	25.56	25.58	25.58	25.57	25.57	25.56	25.54	25.54	25.52	25.51	25.51	25.52	25.53	25.54	25.54	25.55	25.58	25.51	25.55		
04/09/11	25.56	25.55	25.55	25.53	25.53	25.53	25.54	25.57	25.59	25.62	25.65	25.67	25.69	25.70	25.69	25.70	25.71	25.71	25.72	25.72	25.74	25.76	25.80	25.80	25.80	25.65		
04/10/11	25.80	25.80	25.80	25.79	25.79	25.80	25.81	25.83	25.85	25.87	25.88	25.89	25.89	25.88	25.90	25.90	25.89	25.90	25.91	25.91	25.92	25.95	25.95	25.95	25.95	25.79	25.87	
04/11/11	25.96	25.95	25.92	25.92	25.92	25.92	25.92	25.93	25.93	25.93	25.91	25.91	25.88	25.86	25.83	25.81	25.78	25.78	25.76	25.76	25.76	25.76	25.74	25.74	25.96	25.74	25.86	
04/12/11	25.73	25.72	25.73	25.72	25.71	25.70	25.72	25.73	25.74	25.73	25.75	25.75	25.74	25.75	25.73	25.73	25.72	25.72	25.73	25.73	25.76	25.76	25.77	25.77	25.70	25.73		
04/13/11	25.76	25.76	25.75	25.74	25.75	25.76	25.76	25.78	25.79	25.79	25.80	25.80	25.79	25.77	25.76	25.75	25.73	25.72	25.71	25.72	25.72	25.74	25.75	25.76	25.80	25.71	25.76	
04/14/11	25.76	25.76	25.75	25.77	25.77	25.79	25.81	25.82	25.85	25.86	25.87	25.87	25.86	25.85	25.84	25.82	25.82	25.81	25.81	25.82	25.84	25.84	25.85	25.87	25.75	25.82		
04/15/11	25.85	25.85	25.84	25.83	25.83	25.84	25.84	25.85	25.85	25.86	25.86	25.84	25.82	25.82	25.80	25.77	25.75	25.75	25.74	25.74	25.76	25.76	25.75	25.87	25.74	25.81		
04/16/11	25.75	25.74	25.73	25.72	25.72	25.72	25.73	25.74	25.74	25.74	25.73	25.73	25.74	25.75	25.73	25.73	25.72	25.72	25.73	25.73	25.76	25.76	25.77	25.77	25.70	25.73		
04/17/11	25.70	25.69	25.68	25.67	25.67	25.67	25.68	25.70	25.71	25.72	25.73	25.72	25.72	25.70	25.69	25.68	25.66	25.64	25.64	25.63	25.63	25.65	25.67	25.73	25.63	25.68		
04/18/11	25.69	25.69	25.68	25.67	25.66	25.66	25.67	25.68	25.70	25.70	25.70	25.69	25.68	25.65	25.64	25.61	25.59	25.58	25.58	25.58	25.60	25.62	25.63	25.65	25.70	25.58	25.65	
04/19/11	25.65	25.65	25.65	25.65	25.64	25.64	25.67	25.69	25.71	25.72	25.73	25.73	25.71	25.70	25.70	25.69	25.67	25.67	25.67	25.69	25.71	25.72	25.73	25.73	25.64	25.69		
04/20/11	25.74	25.73	25.73	25.73	25.73	25.73	25.73	25.74	25.74	25.76	25.77	25.78	25.78	25.77	25.75	25.75	25.73	25.72	25.71	25.72	25.74	25.74	25.75	25.78	25.71	25.74		
04/21/11	25.75	25.75	25.74	25.73	25.73	25.73	25.74	25.75	25.75	25.76	25.77	25.77	25.75	25.74	25.73	25.73	25.71	25.70	25.69	25.68	25.67	25.67	25.69	25.69	25.77	25.72		
04/22/11	25.69	25.68	25.67	25.67	25.67	25.68	25.70	25.70	25.71	25.71	25.71	25.70	25.69	25.69	25.68	25.65	25.64	25.64	25.63	25.62	25.63	25.64	25.65	25.66	25.71	25.62	25.67	
04/23/11	25.66	25.66	25.64	25.64	25.64	25.64	25.65	25.66	25.66	25.67	25.67	25.66	25.65	25.65	25.63	25.62	25.61	25.61	25.61	25.62	25.62	25.64	25.65	25.68	25.61	25.64		
04/24/11	25.65	25.65	25.64	25.65	25.65	25.65	25.66	25.68	25.70	25.70	25.70	25.71	25.69	25.68	25.66	25.64	25.61	25.61	25.60	25.61	25.60	25.61	25.64	25.66	25.71	25.60	25.65	
04/25/11	25.67	25.69	25.69	25.70	25.70	25.70	25.72	25.75	25.76	25.77	25.78	25.77	25.75	25.73	25.71	25.69	25.67	25.66	25.65	25.64	25.63	25.63	25.62	25.61	25.78	25.61	25.70	
04/26/11	25.61	25.59	25.57	25.56	25.55	25.54	25.56	25.59	25.60	25.61	25.63	25.64	25.63	25.61	25.61	25.59	25.56	25.57	25.58	25.59	25.63	25.65	25.67	25.68	25.54	25.60		
04/27/11	25.70	25.70	25.69	25.70	25.72	25.73	25.76	25.77	25.78	25.78	25.78	25.77	25.77	25.77	25.77	25.77	25.77	25.77	25.79	25.81	25.83	25.84	25.84	25.84	25.84	25.69	25.77	
04/28/11	25.84	25.84	25.82	25.82	25.82	25.82	25.83	25.84	25.85	25.85	25.85	25.85	25.85	25.83	25.81	25.80	25.78	25.76	25.74	25.73	25.73	25.74	25.74	25.71	25.85	25.71	25.80	
04/29/11	25.70	25.69	25.67	25.67	25.66	25.66	25.66	25.67	25.68	25.68	25.68	25.68	25.68	25.65	25.64	25.63	25.61	25.60	25.59	25.60	25.61	25.61	25.70	25.59	25.64			
04/30/11	25.62	25.61	25.61	25.61	25.62	25.62	25.63	25.65	25.65	25.66	25.66	25.66	25.66	25.65	25.63	25.63	25.61	25.61	25.62	25.64	25.66	25.67	25.67	25.67	25.60	25.63		

Hourly Averages 25.72 25.72 25.71 25.70 25.70 25.71 25.73 25.74 25.75 25.75 25.74 25.74 25.73 25.74 25.74 25.73 25.74 25.71 25.70 25.68 25.68 25.68 25.69 25.71 25.71

Maximum Hourly Pressure: 25.96

Minimum Hourly Pressure: 25.51

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
MAY 2011
BAROMETRIC PRESSURE (in Hg)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	25.68	25.67	25.66	25.67	25.67	25.68	25.69	25.71	25.74	25.75	25.76	25.76	25.76	25.76	25.75	25.75	25.75	25.76	25.78	25.81	25.83	25.85	25.86	25.86	25.66	25.74	
05/02/11	25.88	25.88	25.89	25.89	25.91	25.91	25.94	25.96	25.97	25.97	25.97	25.97	25.96	25.94	25.93	25.91	25.90	25.89	25.88	25.90	25.91	25.92	25.93	25.97	25.88	25.92	
05/03/11	25.94	25.94	25.94	25.94	25.93	25.93	25.93	25.94	25.94	25.94	25.94	25.92	25.90	25.88	25.86	25.84	25.83	25.82	25.81	25.81	25.82	25.83	25.84	25.84	25.94	25.81	25.89
05/04/11	25.84	25.84	25.82	25.82	25.82	25.83	25.85	25.86	25.87	25.86	25.86	25.85	25.84	25.83	25.82	25.82	25.82	25.81	25.82	25.83	25.84	25.85	25.85	25.87	25.81	25.84	
05/05/11	25.86	25.85	25.84	25.84	25.84	25.84	25.85	25.86	25.87	25.86	25.86	25.85	25.83	25.81	25.79	25.78	25.77	25.77	25.77	25.77	25.78	25.79	25.78	25.87	25.77	25.82	
05/06/11	25.78	25.77	25.76	25.76	25.75	25.75	25.76	25.77	25.78	25.78	25.79	25.79	25.77	25.76	25.74	25.72	25.69	25.69	25.69	25.69	25.70	25.71	25.72	25.71	25.79	25.69	25.74
05/07/11	25.72	25.71	25.70	25.70	25.70	25.71	25.72	25.73	25.73	25.73	25.73	25.71	25.69	25.68	25.66	25.65	25.64	25.64	25.65	25.66	25.66	25.67	25.73	25.64	25.69		
05/08/11	25.67	25.66	25.66	25.66	25.66	25.66	25.67	25.68	25.68	25.68	25.67	25.66	25.64	25.63	25.61	25.58	25.56	25.55	25.55	25.56	25.57	25.58	25.68	25.55	25.62		
05/09/11	25.58	25.58	25.57	25.57	25.55	25.54	25.57	25.59	25.59	25.60	25.59	25.58	25.57	25.56	25.56	25.55	25.55	25.51	25.51	25.52	25.53	25.55	25.56	25.60	25.50	25.56	
05/10/11	25.55	25.55	25.54	25.54	25.55	25.55	25.56	25.57	25.58	25.57	25.58	25.58	25.56	25.58	25.58	25.56	25.56	25.57	25.58	25.60	25.62	25.64	25.54	25.58			
05/11/11	25.65	25.66	25.65	25.65	25.66	25.67	25.69	25.70	25.71	25.73	25.74	25.74	25.73	25.73	25.71	25.71	25.71	25.71	25.72	25.74	25.76	25.78	25.78	25.65	25.71		
05/12/11	25.79	25.79	25.79	25.80	25.81	25.82	25.83	25.85	25.86	25.85	25.86	25.83	25.82	25.81	25.80	25.79	25.79	25.79	25.80	25.81	25.82	25.83	25.84	25.86	25.79	25.82	
05/13/11	25.83	25.83	25.82	25.81	25.81	25.82	25.82	25.82	25.82	25.80	25.78	25.77	25.75	25.72	25.69	25.67	25.66	25.65	25.66	25.66	25.68	25.69	25.71	25.83	25.65	25.75	
05/14/11	25.72	25.71	25.69	25.70	25.70	25.70	25.70	25.71	25.71	25.70	25.70	25.69	25.67	25.65	25.64	25.62	25.61	25.60	25.60	25.61	25.63	25.65	25.67	25.72	25.60	25.67	
05/15/11	25.68	25.68	25.67	25.67	25.67	25.67	25.68	25.69	25.71	25.72	25.73	25.73	25.73	25.71	25.69	25.68	25.67	25.66	25.66	25.66	25.68	25.70	25.71	25.73	25.66	25.69	
05/16/11	25.72	25.71	25.70	25.70	25.70	25.71	25.73	25.74	25.75	25.75	25.74	25.72	25.69	25.68	25.66	25.63	25.64	25.64	25.66	25.66	25.67	25.75	25.63	25.69			
05/17/11	25.67	25.65	25.65	25.65	25.66	25.66	25.68	25.69	25.70	25.70	25.70	25.69	25.67	25.67	25.66	25.64	25.64	25.62	25.64	25.64	25.64	25.67	25.70	25.62	25.66		
05/18/11	25.62	25.60	25.58	25.58	25.57	25.56	25.55	25.55	25.54	25.53	25.54	25.52	25.50	25.49	25.46	25.46	25.46	25.46	25.48	25.48	25.49	25.52	25.53	25.62	25.46	25.53	
05/19/11	25.53	25.52	25.53	25.53	25.54	25.55	25.56	25.58	25.59	25.60	25.62	25.62	25.64	25.63	25.63	25.63	25.63	25.64	25.65	25.67	25.68	25.70	25.71	25.71	25.52	25.61	
05/20/11	25.71	25.71	25.71	25.71	25.72	25.72	25.74	25.75	25.76	25.77	25.77	25.77	25.76	25.75	25.74	25.73	25.73	25.71	25.73	25.74	25.75	25.76	25.77	25.77	25.71	25.74	
05/21/11	25.77	25.76	25.76	25.76	25.76	25.76	25.76	25.77	25.77	25.77	25.76	25.75	25.75	25.74	25.73	25.72	25.70	25.69	25.68	25.68	25.69	25.70	25.77	25.68	25.73		
05/22/11	25.70	25.70	25.69	25.69	25.68	25.68	25.70	25.71	25.71	25.71	25.71	25.70	25.69	25.68	25.67	25.66	25.65	25.65	25.63	25.63	25.63	25.65	25.66	25.71	25.63	25.68	
05/23/11	25.68	25.68	25.67	25.67	25.67	25.67	25.68	25.70	25.71	25.71	25.71	25.70	25.69	25.67	25.65	25.63	25.61	25.60	25.58	25.59	25.60	25.62	25.63	25.64	25.71	25.58	
05/24/11	25.65	25.65	25.66	25.66	25.66	25.67	25.68	25.71	25.72	25.74	25.75	25.75	25.74	25.74	25.73	25.73	25.73	25.73	25.74	25.74	25.75	25.77	25.78	25.78	25.65	25.72	
05/25/11	25.78	25.78	25.78	25.79	25.80	25.81	25.81	25.82	25.82	25.82	25.81	25.81	25.79	25.78	25.76	25.75	25.75	25.75	25.75	25.76	25.77	25.78	25.82	25.74	25.78		
05/26/11	25.77	25.76	25.76	25.75	25.76	25.76	25.76	25.78	25.77	25.77	25.77	25.77	25.75	25.75	25.73	25.71	25.69	25.67	25.68	25.69	25.70	25.71	25.72	25.78	25.74		
05/27/11	25.71	25.70	25.70	25.70	25.71	25.71	25.72	25.73	25.74	25.74	25.73	25.73	25.71	25.71	25.70	25.69	25.67	25.66	25.65	25.65	25.66	25.66	25.74	25.65	25.70		
05/28/11	25.66	25.64	25.64	25.64	25.64	25.64	25.64	25.64	25.64	25.64	25.63	25.63	25.61	25.59	25.57	25.55	25.53	25.51	25.50	25.50	25.51	25.53	25.52	25.66	25.50	25.59	
05/29/11	25.51	25.50	25.50	25.49	25.48	25.48	25.48	25.49	25.50	25.50	25.50	25.50	25.49	25.48	25.47	25.47	25.45	25.45	25.45	25.45	25.48	25.50	25.52	25.55	25.55	25.45	25.49
05/30/11	25.56	25.58	25.58	25.59	25.61	25.63	25.65	25.67	25.70	25.73	25.74	25.76	25.76	25.76	25.76	25.76	25.76	25.76	25.77	25.79	25.80	25.81	25.82	25.82	25.56	25.71	
05/31/11	25.82	25.81	25.80	25.80	25.80	25.81	25.83	25.84	25.85	25.86	25.86	25.86	25.85	25.85	25.81	25.81	25.81	25.80	25.80	25.80	25.82	25.83	25.82	25.86	25.80	25.82	

Maximum Hourly Pressure: 25.97

Minimum Hourly Pressure: 25.45

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
JUNE 2011

BAROMETRIC PRESSURE (in Hg)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
06/01/11	25.82	25.80	25.80	25.80	25.80	25.80	25.80	25.81	25.82	25.82	25.80	25.81	25.80	25.79	25.79	25.77	25.76	25.75	25.73	25.74	25.75	25.76	25.76	25.82	25.73	25.78		
06/02/11	25.76	25.75	25.74	25.74	25.74	25.74	25.75	25.76	25.76	25.76	25.76	25.75	25.75	25.74	25.73	25.71	25.69	25.69	25.68	25.69	25.69	25.71	25.71	25.76	25.68	25.73		
06/03/11	25.71	25.71	25.71	25.70	25.71	25.71	25.72	25.73	25.74	25.73	25.74	25.74	25.73	25.72	25.70	25.69	25.69	25.69	25.69	25.71	25.73	25.74	25.75	25.75	25.69	25.72		
06/04/11	25.76	25.77	25.78	25.78	25.78	25.80	25.81	25.82	25.84	25.84	25.84	25.85	25.84	25.83	25.82	25.81	25.81	25.80	25.79	25.79	25.77	25.77	25.78	25.79	25.79	25.85	25.76	25.81
06/05/11	25.83	25.84	25.84	25.84	25.84	25.85	25.87	25.87	25.87	25.87	25.87	25.87	25.86	25.85	25.83	25.81	25.79	25.78	25.77	25.77	25.77	25.78	25.79	25.87	25.77	25.83		
06/06/11	25.78	25.79	25.78	25.78	25.78	25.78	25.79	25.79	25.80	25.80	25.79	25.78	25.77	25.76	25.74	25.73	25.72	25.69	25.70	25.71	25.72	25.73	25.74	25.74	25.80	25.69	25.76	
06/07/11	25.73	25.73	25.72	25.72	25.72	25.73	25.74	25.75	25.75	25.74	25.74	25.73	25.73	25.73	25.71	25.70	25.68	25.67	25.67	25.68	25.68	25.69	25.72	25.71	25.75	25.67	25.72	
06/08/11	25.70	25.71	25.70	25.70	25.70	25.72	25.72	25.74	25.73	25.73	25.73	25.73	25.72	25.71	25.70	25.69	25.68	25.69	25.69	25.71	25.72	25.73	25.73	25.74	25.68	25.71		
06/09/11	25.73	25.73	25.73	25.73	25.73	25.74	25.75	25.75	25.76	25.75	25.75	25.75	25.74	25.73	25.72	25.70	25.70	25.70	25.71	25.71	25.72	25.73	25.73	25.76	25.70	25.73		
06/10/11	25.73	25.72	25.72	25.72	25.72	25.73	25.75	25.76	25.77	25.76	25.76	25.76	25.75	25.73	25.71	25.70	25.69	25.66	25.67	25.67	25.68	25.69	25.70	25.77	25.66	25.72		
06/11/11	25.71	25.72	25.70	25.70	25.71	25.72	25.72	25.73	25.73	25.73	25.73	25.72	25.71	25.70	25.69	25.67	25.66	25.65	25.65	25.66	25.66	25.66	25.66	25.73	25.65	25.69		
06/12/11	25.65	25.65	25.64	25.64	25.65	25.66	25.68	25.69	25.69	25.70	25.70	25.70	25.70	25.69	25.69	25.68	25.67	25.67	25.68	25.69	25.71	25.73	25.73	25.73	25.64	25.68		
06/13/11	25.73	25.74	25.74	25.74	25.74	25.76	25.78	25.78	25.79	25.80	25.80	25.80	25.79	25.77	25.77	25.76	25.74	25.73	25.73	25.73	25.74	25.76	25.78	25.78	25.80	25.73	25.76	
06/14/11	25.78	25.78	25.78	25.78	25.79	25.80	25.82	25.82	25.83	25.83	25.82	25.81	25.80	25.79	25.77	25.76	25.75	25.74	25.73	25.74	25.75	25.76	25.75	25.83	25.73	25.78		
06/15/11	25.75	25.74	25.74	25.73	25.73	25.73	25.73	25.74	25.74	25.74	25.74	25.73	25.73	25.72	25.71	25.69	25.68	25.66	25.65	25.64	25.63	25.63	25.75	25.65	25.70			
06/16/11	25.65	25.64	25.64	25.63	25.63	25.63	25.64	25.64	25.65	25.65	25.65	25.65	25.65	25.64	25.63	25.61	25.60	25.59	25.59	25.60	25.62	25.64	25.64	25.65	25.59	25.63		
06/17/11	25.65	25.65	25.66	25.66	25.66	25.66	25.68	25.69	25.69	25.71	25.71	25.70	25.69	25.68	25.67	25.66	25.65	25.65	25.65	25.67	25.69	25.71	25.72	25.72	25.65	25.68		
06/18/11	25.72	25.72	25.72	25.72	25.73	25.74	25.74	25.75	25.76	25.76	25.75	25.75	25.75	25.73	25.71	25.70	25.69	25.67	25.65	25.65	25.65	25.67	25.68	25.67	25.76	25.65	25.71	
06/19/11	25.67	25.65	25.64	25.63	25.62	25.62	25.62	25.61	25.61	25.60	25.59	25.59	25.57	25.57	25.55	25.54	25.53	25.54	25.54	25.55	25.56	25.58	25.60	25.67	25.53	25.59		
06/20/11	25.60	25.61	25.60	25.60	25.61	25.62	25.63	25.64	25.65	25.65	25.65	25.65	25.64	25.63	25.62	25.61	25.61	25.61	25.62	25.63	25.64	25.65	25.65	25.65	25.60	25.63		
06/21/11	25.65	25.65	25.65	25.66	25.66	25.66	25.68	25.69	25.69	25.70	25.71	25.71	25.70	25.69	25.68	25.67	25.65	25.65	25.64	25.66	25.67	25.69	25.70	25.71	25.64	25.67		
06/22/11	25.70	25.70	25.69	25.69	25.70	25.72	25.73	25.74	25.75	25.75	25.75	25.75	25.74	25.74	25.73	25.72	25.71	25.70	25.69	25.70	25.70	25.71	25.73	25.73	25.75	25.69	25.72	
06/23/11	25.74	25.73	25.73	25.73	25.73	25.73	25.74	25.77	25.79	25.79	25.80	25.79	25.78	25.76	25.74	25.72	25.72	25.71	25.70	25.71	25.71	25.73	25.74	25.74	25.80	25.70	25.75	
06/24/11	25.74	25.73	25.73	25.73	25.72	25.72	25.74	25.75	25.76	25.76	25.76	25.75	25.75	25.73	25.72	25.70	25.69	25.69	25.69	25.70	25.71	25.72	25.77	25.69	25.73			
06/25/11	25.71	25.70	25.69	25.68	25.67	25.67	25.68	25.69	25.71	25.73	25.73	25.74	25.74	25.73	25.72	25.71	25.70	25.68	25.68	25.69	25.70	25.71	25.72	25.74	25.67	25.70		
06/26/11	25.72	25.69	25.69	25.69	25.69	25.71	25.72	25.73	25.74	25.74	25.73	25.72	25.72	25.70	25.69	25.68	25.68	25.67	25.67	25.68	25.69	25.70	25.74	25.67	25.70			
06/27/11	25.70	25.69	25.69	25.69	25.68	25.69	25.70	25.72	25.73	25.73	25.73	25.73	25.73	25.72	25.71	25.70	25.68	25.68	25.68	25.69	25.70	25.71	25.72	25.72	25.73	25.68	25.70	
06/28/11	25.72	25.71	25.70	25.70	25.69	25.71	25.72	25.74	25.75	25.75	25.75	25.75	25.74	25.73	25.72	25.70	25.68	25.68	25.67	25.66	25.66	25.67	25.70	25.71	25.71	25.75	25.66	25.71
06/29/11	25.72	25.73	25.76	25.74	25.71	25.71	25.73	25.73	25.76	25.76	25.75	25.75	25.74	25.71	25.70	25.68	25.67	25.67	25.65	25.64	25.65	25.66	25.69	25.70	25.76	25.64	25.71	
06/30/11	25.71	25.72	25.73	25.73	25.73	25.73	25.75	25.77	25.77	25.78	25.78	25.78	25.77	25.74	25.73	25.71	25.70	25.68	25.68	25.69	25.70	25.71	25.72	25.78	25.68	25.73		

Maximum Hourly Pressure: 25.87 **Minimum Hourly Pressure:** 25.53

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC1-G

HOURLY SOLAR RADIATION DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
APRIL 2011
SOLAR RADIATION (W/m²)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	0.0	0.0	0.0	0.0	0.0	42.6	238.7	449.4	635.3	777.7	866.0	891.0	858.0	751.8	609.6	423.2	215.7	29.3	0.0	0.0	0.0	0.0	0.0	891.0	0.0	452.6	
04/02/11	0.0	0.0	0.0	0.0	0.0	0.1	44.5	239.1	443.9	628.9	743.6	798.8	824.0	752.9	711.3	411.7	281.8	187.5	27.7	0.0	0.0	0.0	0.0	0.0	824.0	0.0	406.4
04/03/11	0.0	0.0	0.0	0.0	0.0	0.1	51.5	272.8	403.2	640.1	779.6	860.0	888.0	854.0	765.6	616.5	429.6	223.1	30.7	0.1	0.0	0.0	0.0	0.0	888.0	0.1	454.3
04/04/11	0.0	0.0	0.0	0.0	0.0	0.2	51.0	242.9	477.3	680.0	829.0	909.0	929.0	889.0	792.3	639.8	450.5	239.9	34.3	0.1	0.0	0.0	0.0	0.0	929.0	0.1	477.6
04/05/11	0.0	0.0	0.0	0.0	0.0	0.2	58.6	267.0	484.2	663.2	798.4	881.0	906.0	872.0	785.8	642.2	439.5	176.3	38.1	0.1	0.0	0.0	0.0	0.0	906.0	0.1	467.5
04/06/11	0.0	0.0	0.0	0.0	0.0	0.2	31.3	243.6	483.5	385.2	356.8	178.2	103.4	58.2	100.6	68.7	87.1	35.7	5.8	0.0	0.0	0.0	0.0	0.0	483.5	0.0	142.6
04/07/11	0.0	0.0	0.0	0.0	0.0	0.2	41.6	258.3	471.4	657.0	797.6	884.0	764.2	544.9	484.6	533.4	380.5	190.0	24.0	0.1	0.0	0.0	0.0	0.0	884.0	0.1	402.1
04/08/11	0.0	0.0	0.0	0.0	0.0	0.3	35.9	167.0	559.4	530.4	672.6	752.9	718.1	562.1	490.7	340.5	230.6	129.9	22.8	0.1	0.0	0.0	0.0	0.0	752.9	0.1	347.6
04/09/11	0.0	0.0	0.0	0.0	0.0	0.1	5.0	25.4	51.5	97.2	151.4	195.3	249.6	211.0	194.8	161.3	105.0	63.5	24.6	0.6	0.0	0.0	0.0	0.0	249.6	0.1	102.4
04/10/11	0.0	0.0	0.0	0.0	0.0	0.4	85.9	237.3	499.7	696.4	835.0	818.0	687.5	826.0	831.0	634.4	344.8	251.8	39.7	0.3	0.0	0.0	0.0	0.0	835.0	0.3	452.5
04/11/11	0.0	0.0	0.0	0.0	0.0	0.5	79.9	296.8	514.4	686.4	841.0	916.0	941.0	876.0	794.4	652.5	333.2	185.2	33.3	0.2	0.0	0.0	0.0	0.0	941.0	0.2	476.7
04/12/11	0.0	0.0	0.0	0.0	0.0	0.5	26.7	154.4	375.1	667.4	816.0	898.0	922.0	887.0	795.0	646.3	459.8	247.9	39.3	0.2	0.0	0.0	0.0	0.0	922.0	0.2	462.4
04/13/11	0.0	0.0	0.0	0.0	0.0	0.6	79.0	283.2	490.8	672.9	814.0	899.0	923.0	886.0	794.0	639.8	448.3	222.0	39.9	0.1	0.0	0.0	0.0	0.0	923.0	0.1	479.5
04/14/11	0.0	0.0	0.0	0.0	0.0	0.6	73.9	283.4	501.4	685.9	824.0	905.0	931.0	891.0	796.6	648.8	452.4	237.0	39.8	0.5	0.0	0.0	0.0	0.0	931.0	0.5	484.7
04/15/11	0.0	0.0	0.0	0.0	0.0	1.5	84.2	277.5	497.7	696.6	833.0	915.0	939.0	893.0	798.0	653.7	462.9	255.5	38.5	0.4	0.0	0.0	0.0	0.0	939.0	0.4	489.8
04/16/11	0.0	0.0	0.0	0.0	0.0	0.9	89.8	301.7	511.5	690.8	825.0	903.0	926.0	886.0	793.6	647.7	460.9	250.7	45.2	0.2	0.0	0.0	0.0	0.0	926.0	0.2	488.9
04/17/11	0.0	0.0	0.0	0.0	0.0	0.9	92.8	295.7	499.4	674.1	806.0	870.0	856.0	893.0	790.2	635.5	449.2	242.6	42.0	0.2	0.0	0.0	0.0	0.0	893.0	0.2	476.5
04/18/11	0.0	0.0	0.0	0.0	0.0	1.2	100.5	307.9	525.8	680.5	823.0	904.0	924.0	880.0	790.4	641.4	419.2	124.2	38.4	1.1	0.0	0.0	0.0	0.0	924.0	1.1	477.4
04/19/11	0.0	0.0	0.0	0.0	0.0	1.5	96.3	302.9	511.6	692.4	822.0	900.0	890.0	858.0	738.0	612.3	333.3	191.9	48.2	0.5	0.0	0.0	0.0	0.0	900.0	0.5	466.6
04/20/11	0.0	0.0	0.0	0.0	0.0	1.7	97.3	301.3	511.3	660.3	778.8	769.0	786.0	835.0	706.2	653.7	463.5	255.7	45.4	0.5	0.0	0.0	0.0	0.0	835.0	0.5	457.7
04/21/11	0.0	0.0	0.0	0.0	0.0	2.1	102.8	308.7	515.3	691.1	829.0	910.0	929.0	891.0	801.0	651.9	464.3	252.2	47.2	0.5	0.0	0.0	0.0	0.0	929.0	0.5	493.1
04/22/11	0.0	0.0	0.0	0.0	0.0	2.0	109.0	315.7	518.9	696.3	829.0	910.0	929.0	892.0	799.5	651.2	466.9	260.2	48.8	0.5	0.0	0.0	0.0	0.0	929.0	0.5	495.3
04/23/11	0.0	0.0	0.0	0.0	0.0	2.1	93.8	223.9	305.7	381.5	820.0	886.0	896.0	836.0	740.2	583.0	440.4	222.0	47.0	0.5	0.0	0.0	0.0	0.0	896.0	0.5	431.9
04/24/11	0.0	0.0	0.0	0.0	0.0	2.9	104.1	305.3	514.3	692.1	770.4	814.0	820.0	824.0	772.4	633.0	458.5	250.9	41.0	0.4	0.0	0.0	0.0	0.0	824.0	0.4	466.9
04/25/11	0.0	0.0	0.0	0.0	0.0	2.7	95.5	297.3	516.1	710.3	844.0	923.0	906.0	829.0	743.1	648.1	460.7	254.8	52.9	0.7	0.0	0.0	0.0	0.0	923.0	0.7	485.6
04/26/11	0.0	0.0	0.0	0.0	0.0	3.1	120.0	332.7	541.0	715.9	848.0	925.0	938.0	898.0	807.0	670.3	482.1	278.0	54.4	1.0	0.0	0.0	0.0	0.0	938.0	1.0	507.6
04/27/11	0.0	0.0	0.0	0.0	0.0	3.6	134.0	348.6	560.7	741.3	871.0	945.0	957.0	915.0	821.0	672.5	486.9	281.1	53.0	1.0	0.0	0.0	0.0	0.0	957.0	1.0	519.4
04/28/11	0.0	0.0	0.0	0.0	0.0	4.2	134.0	345.3	547.3	721.5	851.0	930.0	950.0	911.0	821.0	674.6	489.8	282.2	54.5	0.9	0.0	0.0	0.0	0.0	950.0	0.9	514.5
04/29/11	0.0	0.0	0.0	0.0	0.0	4.8	137.4	351.4	558.5	734.3	861.0	936.0	952.0	911.0	822.0	673.8	489.2	280.7	55.9	1.1	0.0	0.0	0.0	0.0	952.0	1.1	517.9
04/30/11	0.0	0.0	0.0	0.0	0.0	5.5	129.4	346.4	561.3	741.6	874.0	952.0	931.0	841.0	695.9	506.8	294.5	61.6	1.1	0.0	0.0	0.0	0.0	0.0	972.0	1.1	527.6

Hourly Averages

0.0 0.0 0.0 0.0 0.0 1.5 80.9 272.4 480.1 641.6 777.4 838.4 841.6 801.7 722.4 588.1 406.7 219.4 40.1 0.4 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 972.0 **Minimum Hourly Radiation:** 0.0 **Average Monthly Radiation:** 447.5

Maximum 24-Hour Mean: 527.6 **Minimum 24-Hour Mean:** 102.4

Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data ND = No Data Collection

Note: All Statistics Based on Daylight Hours

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
MAY 2011

SOLAR RADIATION (W/m²)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	0.0	0.0	0.0	0.0	0.0	6.5	145.0	363.9	581.6	768.7	903.0	982.0	1002.0	873.0	807.0	731.1	525.9	304.6	59.4	1.4	0.0	0.0	0.0	1002.0	1.4	537.0	
05/02/11	0.0	0.0	0.0	0.0	0.0	7.0	152.8	371.1	584.6	771.1	909.0	983.0	996.0	953.0	851.0	709.3	518.1	305.0	64.7	1.5	0.0	0.0	0.0	996.0	1.5	545.1	
05/03/11	0.0	0.0	0.0	0.0	0.0	7.9	150.6	367.5	581.4	758.7	891.0	969.0	984.0	937.0	843.0	693.8	506.3	295.9	66.0	1.6	0.0	0.0	0.0	984.0	1.6	536.9	
05/04/11	0.0	0.0	0.0	0.0	0.0	8.3	132.0	323.8	490.0	635.2	707.0	801.0	946.0	819.0	490.9	338.2	345.2	159.2	54.6	1.9	0.0	0.0	0.0	946.0	1.9	416.8	
05/05/11	0.0	0.0	0.0	0.0	0.0	8.9	155.7	365.2	572.1	745.4	872.0	952.0	965.0	926.0	841.0	653.5	477.4	234.3	68.5	2.2	0.0	0.0	0.0	965.0	2.2	522.6	
05/06/11	0.0	0.0	0.0	0.0	0.0	8.9	151.8	364.1	563.5	743.2	874.0	946.0	966.0	922.0	833.0	687.9	500.1	291.4	69.6	2.0	0.0	0.0	0.0	966.0	2.0	528.2	
05/07/11	0.0	0.0	0.0	0.0	0.0	9.4	153.8	366.2	570.1	742.0	873.0	949.0	965.0	932.0	841.0	694.9	509.1	299.7	72.0	2.2	0.0	0.0	0.0	965.0	2.2	532.0	
05/08/11	0.0	0.0	0.0	0.0	0.0	10.7	159.7	372.7	579.9	751.4	881.0	957.0	973.0	930.0	835.0	677.7	464.6	291.2	69.3	1.1	0.0	0.0	0.0	973.0	1.1	530.3	
05/09/11	0.0	0.0	0.0	0.0	0.0	9.9	153.9	236.7	239.8	442.6	802.0	750.9	850.0	820.0	826.0	703.2	515.0	298.2	76.3	2.9	0.0	0.0	0.0	850.0	2.9	448.5	
05/10/11	0.0	0.0	0.0	0.0	0.0	10.0	151.2	365.5	562.8	499.2	546.0	671.0	747.4	645.0	686.9	678.5	499.7	290.5	70.6	2.5	0.0	0.0	0.0	747.4	2.5	428.5	
05/11/11	0.0	0.0	0.0	0.0	0.0	12.5	165.2	375.9	581.2	758.4	888.0	963.0	983.0	941.0	847.0	697.8	512.7	303.3	80.8	2.8	0.0	0.0	0.0	983.0	2.8	540.8	
05/12/11	0.0	0.0	0.0	0.0	0.0	13.3	174.0	383.9	585.0	756.2	885.0	956.0	972.0	933.0	841.0	691.6	506.8	303.8	82.8	2.7	0.0	0.0	0.0	972.0	2.7	539.1	
05/13/11	0.0	0.0	0.0	0.0	0.0	14.4	175.0	379.9	578.2	748.3	875.0	944.0	963.0	924.0	840.0	689.3	504.9	302.5	84.5	2.8	0.0	0.0	0.0	963.0	2.8	535.1	
05/14/11	0.0	0.0	0.0	0.0	0.0	14.8	176.3	377.9	578.7	745.1	870.0	946.0	965.0	925.0	832.0	690.7	510.4	307.4	88.0	3.1	0.0	0.0	0.0	965.0	3.1	535.4	
05/15/11	0.0	0.0	0.0	0.0	0.0	15.7	179.6	385.5	585.5	755.3	882.0	959.0	974.0	936.0	844.0	697.8	514.9	308.6	91.1	3.2	0.0	0.0	0.0	974.0	3.2	542.1	
05/16/11	0.0	0.0	0.0	0.0	0.0	14.6	180.7	399.6	545.1	766.0	895.0	968.0	981.0	938.0	848.0	696.6	510.9	310.5	92.1	2.7	0.0	0.0	0.0	981.0	2.7	543.3	
05/17/11	0.0	0.0	0.0	0.0	0.0	10.2	169.3	376.6	556.7	722.6	856.0	970.0	986.0	855.0	851.0	582.0	432.4	276.9	93.6	3.5	0.0	0.0	0.0	970.0	3.5	510.1	
05/18/11	0.0	0.0	0.0	0.0	0.0	8.9	111.8	138.5	141.6	90.7	70.0	149.9	116.8	217.8	319.5	261.5	164.8	95.7	15.6	1.6	0.0	0.0	0.0	319.5	1.6	127.0	
05/19/11	0.0	0.0	0.0	0.0	0.0	8.2	93.5	247.1	477.3	765.0	881.0	958.0	813.0	717.9	811.0	540.6	464.5	265.2	98.2	3.8	0.0	0.0	0.0	958.0	3.8	476.3	
05/20/11	0.0	0.0	0.0	0.0	0.0	18.2	179.9	377.0	575.9	743.9	865.0	937.0	952.0	912.0	828.0	664.8	493.6	310.7	95.8	3.6	0.0	0.0	0.0	952.0	3.6	530.5	
05/21/11	0.0	0.0	0.0	0.0	0.0	19.0	177.7	372.1	564.3	728.8	853.0	921.0	938.0	901.0	816.0	678.1	495.7	310.5	100.7	3.6	0.0	0.0	0.0	938.0	3.6	525.3	
05/22/11	0.0	0.0	0.0	0.0	0.0	20.0	175.4	365.0	560.0	728.3	850.0	926.0	941.0	904.0	815.0	669.5	493.5	302.0	97.3	4.6	0.0	0.0	0.0	941.0	4.6	523.4	
05/23/11	0.0	0.0	0.0	0.0	0.0	20.4	182.8	383.0	579.3	748.2	870.0	940.0	955.0	917.0	829.0	682.0	496.3	305.2	96.0	4.4	0.0	0.0	0.0	955.0	4.4	533.9	
05/24/11	0.0	0.0	0.0	0.0	0.0	22.1	185.2	386.7	586.0	758.1	881.0	951.0	964.0	926.0	834.0	692.1	518.1	316.8	100.3	5.2	0.0	0.0	0.0	964.0	5.2	541.8	
05/25/11	0.0	0.0	0.0	0.0	0.0	22.4	183.3	378.4	572.3	739.6	860.0	929.0	947.0	912.0	830.0	693.6	519.6	324.6	101.7	4.2	0.0	0.0	0.0	947.0	4.2	534.5	
05/26/11	0.0	0.0	0.0	0.0	0.0	24.0	191.6	386.3	581.0	722.5	869.0	939.0	956.0	918.0	830.0	688.0	513.5	321.9	99.8	4.6	0.0	0.0	0.0	956.0	4.6	536.4	
05/27/11	0.0	0.0	0.0	0.0	0.0	24.7	191.8	383.2	575.7	741.1	864.0	935.0	947.0	909.0	826.0	687.9	514.1	320.4	97.5	4.7	0.0	0.0	0.0	947.0	4.7	534.8	
05/28/11	0.0	0.0	0.0	0.0	0.0	24.8	186.8	380.2	572.8	736.5	859.0	930.0	945.0	908.0	822.0	682.0	508.8	318.7	95.3	5.0	0.0	0.0	0.0	945.0	5.0	531.7	
05/29/11	0.0	0.0	0.0	0.0	0.0	24.4	180.9	375.3	566.8	731.9	853.0	924.0	937.0	858.0	794.7	674.9	500.3	300.3	91.8	5.3	0.0	0.0	0.0	937.0	5.3	521.2	
05/30/11	0.0	0.0	0.0	0.0	0.0	25.2	191.3	400.3	604.6	780.7	902.0	974.0	985.0	945.0	859.0	720.8	543.7	343.2	101.3	5.9	0.0	0.0	0.0	985.0	5.9	558.8	
05/31/11	0.0	0.0	0.0	0.0	0.0	28.1	201.6	396.8	587.6	754.6	877.0	945.0	950.0	916.0	762.4	415.7	245.9	132.7	57.1	4.5	0.0	0.0	0.0	950.0	4.5	485.0	

Hourly Averages
0.0 0.0 0.0 0.0 0.0 15.3 166.5 359.5 544.6 705.8 831.1 904.1 918.6 873.2 797.9 647.3 478.3 285.5 81.7 3.3 0.0 0.0 0.0

Maximum Hourly Radiation: 1002.0 **Minimum Hourly Radiation:** 1.1 **Average Monthly Radiation:** 507.5

Maximum 24-Hour Mean: 558.8 **Minimum 24-Hour Mean:** 127.0

Total Number of Observations: 744 **Possible Number of Observations:** 744

INV = Invalid Data

ND = No Data Collection

Note: All Statistics Based on Daylight Hours

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
JUNE 2011

SOLAR RADIATION (W/m²)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
	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	Max	Min	Avg
06/01/11	0.0	0.0	0.0	0.0	0.0	10.0	75.1	126.7	269.6	584.7	649.7	791.8	905.0	660.8	573.4	575.4	385.6	317.7	122.9	9.5	0.0	0.0	0.0	0.0	905.0	9.5	403.9	
06/02/11	0.0	0.0	0.0	0.0	0.0	17.1	195.6	390.3	583.0	749.3	872.0	945.0	965.0	928.0	839.0	701.3	528.9	333.0	93.3	5.6	0.0	0.0	0.0	0.0	965.0	5.6	543.1	
06/03/11	0.0	0.0	0.0	0.0	0.0	29.0	199.1	394.7	587.3	753.9	877.0	953.0	968.0	931.0	847.0	708.3	531.4	334.0	93.5	4.6	0.0	0.0	0.0	0.0	968.0	4.6	547.5	
06/04/11	0.0	0.0	0.0	0.0	0.0	28.0	196.7	391.3	587.4	751.5	874.0	945.0	958.0	921.0	840.0	703.3	530.6	338.7	92.6	6.9	0.0	0.0	0.0	0.0	958.0	6.9	544.3	
06/05/11	0.0	0.0	0.0	0.0	0.0	22.3	178.2	370.3	560.0	730.8	854.0	924.0	945.0	914.0	832.0	695.4	521.9	336.2	94.0	7.3	0.0	0.0	0.0	0.0	945.0	7.3	532.4	
06/06/11	0.0	0.0	0.0	0.0	0.0	25.5	182.3	375.6	568.2	734.9	861.0	937.0	957.0	924.0	842.0	708.6	535.6	338.6	90.3	6.6	0.0	0.0	0.0	0.0	957.0	6.6	539.1	
06/07/11	0.0	0.0	0.0	0.0	0.0	30.5	205.9	402.4	596.6	765.9	889.0	965.0	984.0	947.0	858.0	715.8	539.2	347.7	90.8	6.3	0.0	0.0	0.0	0.0	984.0	6.3	556.3	
06/08/11	0.0	0.0	0.0	0.0	0.0	31.7	209.5	405.8	601.6	763.6	891.0	966.0	984.0	946.0	861.0	724.0	548.1	354.4	91.3	6.6	0.0	0.0	0.0	0.0	984.0	6.6	559.0	
06/09/11	0.0	0.0	0.0	0.0	0.0	30.5	205.4	399.6	592.4	759.1	880.0	953.0	970.0	938.0	858.0	721.6	548.9	349.5	90.8	6.8	0.0	0.0	0.0	0.0	970.0	6.8	553.6	
06/10/11	0.0	0.0	0.0	0.0	0.0	29.7	201.4	394.2	586.8	754.5	875.0	944.0	960.0	929.0	849.0	715.8	543.4	349.5	89.2	7.0	0.0	0.0	0.0	0.0	960.0	7.0	548.6	
06/11/11	0.0	0.0	0.0	0.0	0.0	30.3	206.1	400.6	595.9	762.5	888.0	960.0	981.0	943.0	860.0	725.6	552.3	355.3	90.3	6.6	0.0	0.0	0.0	0.0	981.0	6.6	557.2	
06/12/11	0.0	0.0	0.0	0.0	0.0	27.5	194.7	388.8	583.3	754.2	878.0	949.0	968.0	933.0	855.0	716.9	535.0	345.4	88.8	7.0	0.0	0.0	0.0	0.0	968.0	7.0	548.3	
06/13/11	0.0	0.0	0.0	0.0	0.0	31.3	209.0	400.7	595.2	760.4	889.0	960.0	977.0	945.0	864.0	721.3	546.2	354.2	88.7	7.4	0.0	0.0	0.0	0.0	977.0	7.4	556.6	
06/14/11	0.0	0.0	0.0	0.0	0.0	29.2	202.3	394.5	583.9	749.7	875.0	946.0	962.0	930.0	850.0	716.3	544.6	353.0	87.9	7.2	0.0	0.0	0.0	0.0	962.0	7.2	548.8	
06/15/11	0.0	0.0	0.0	0.0	0.0	27.8	195.0	384.9	575.8	744.4	867.0	935.0	952.0	920.0	842.0	706.9	534.0	340.1	85.8	7.7	0.0	0.0	0.0	0.0	952.0	7.7	541.2	
06/16/11	0.0	0.0	0.0	0.0	0.0	28.6	198.2	389.4	584.0	750.8	877.0	949.0	965.0	927.0	847.0	715.4	543.3	349.2	87.1	8.0	0.0	0.0	0.0	0.0	965.0	8.0	547.9	
06/17/11	0.0	0.0	0.0	0.0	0.0	28.2	196.4	388.6	582.3	748.2	872.0	944.0	964.0	927.0	849.0	715.3	541.3	347.1	88.8	8.6	0.0	0.0	0.0	0.0	964.0	8.6	546.7	
06/18/11	0.0	0.0	0.0	0.0	0.0	28.5	199.0	389.7	582.6	745.7	868.0	939.0	957.0	930.0	851.0	718.4	545.7	352.4	89.3	7.6	0.0	0.0	0.0	0.0	957.0	7.6	546.9	
06/19/11	0.0	0.0	0.0	0.0	0.0	9.8	162.2	305.1	599.4	679.6	864.0	929.0	925.0	936.0	847.0	710.4	529.4	330.0	87.2	8.1	0.0	0.0	0.0	0.0	936.0	8.1	528.3	
06/20/11	0.0	0.0	0.0	0.0	0.0	25.5	189.2	381.4	570.7	733.8	859.0	934.0	956.0	925.0	849.0	720.3	553.4	358.9	89.6	7.5	0.0	0.0	0.0	0.0	956.0	7.5	543.6	
06/21/11	0.0	0.0	0.0	0.0	0.0	26.9	196.8	386.6	574.5	736.0	859.0	933.0	951.0	922.0	843.0	711.5	543.6	354.1	88.7	7.1	0.0	0.0	0.0	0.0	951.0	7.1	542.3	
06/22/11	0.0	0.0	0.0	0.0	0.0	26.7	191.2	375.3	562.6	729.8	854.0	924.0	943.0	914.0	834.0	704.4	536.3	347.2	90.2	8.2	0.0	0.0	0.0	0.0	943.0	8.2	536.1	
06/23/11	0.0	0.0	0.0	0.0	0.0	23.8	184.5	371.8	563.1	727.5	854.0	926.0	940.0	907.0	829.0	698.4	529.2	342.1	90.6	8.6	0.0	0.0	0.0	0.0	940.0	8.6	533.0	
06/24/11	0.0	0.0	0.0	0.0	0.0	24.9	185.0	368.0	558.4	719.1	840.0	914.0	934.0	904.0	826.0	697.5	528.8	338.5	89.2	8.5	0.0	0.0	0.0	0.0	934.0	8.5	529.1	
06/25/11	0.0	0.0	0.0	0.0	0.0	22.9	175.7	358.6	546.6	708.7	832.0	904.0	922.0	893.0	818.0	687.3	522.6	333.4	90.4	9.1	0.0	0.0	0.0	0.0	922.0	9.1	521.6	
06/26/11	0.0	0.0	0.0	0.0	0.0	21.2	169.2	352.8	534.5	703.3	828.0	902.0	937.0	902.0	845.0	691.2	510.1	323.8	92.2	9.8	0.0	0.0	0.0	0.0	937.0	9.8	521.5	
06/27/11	0.0	0.0	0.0	0.0	0.0	20.8	166.1	349.1	536.4	705.2	835.0	905.0	925.0	900.0	823.0	688.9	525.2	334.8	93.2	9.5	0.0	0.0	0.0	0.0	925.0	9.5	521.2	
06/28/11	0.0	0.0	0.0	0.0	0.0	13.8	64.9	177.9	319.5	446.3	401.0	605.5	862.0	684.4	607.8	510.3	498.4	285.4	90.4	8.5	0.0	0.0	0.0	0.0	862.0	8.5	371.7	
06/29/11	0.0	0.0	0.0	0.0	0.0	17.9	148.3	323.7	510.2	674.1	799.9	869.0	886.0	887.0	786.8	659.7	489.8	316.4	90.1	10.5	0.0	0.0	0.0	0.0	887.0	10.5	498.0	
06/30/11	0.0	0.0	0.0	0.0	0.0	6.3	134.0	352.2	527.3	694.6	825.0	903.0	925.0	896.0	822.0	694.1	528.2	342.7	98.0	8.2	0.0	0.0	0.0	0.0	925.0	6.3	517.1	

Hourly Averages

0.0 0.0 0.0 0.0 0.0 24.2 180.6 363.0 554.0 720.7 839.6 918.5 947.6 905.5 824.9 696.0 528.4 340.2 91.5 7.7 0.0 0.0 0.0

Maximum Hourly Radiation: 984.0 **Minimum Hourly Radiation:** 4.6 **Average Monthly Radiation:** 529.5

Maximum 24-Hour Mean: 559.0 **Minimum 24-Hour Mean:** 371.7

Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data ND = No Data Collection

Note: All Statistics Based on Daylight Hours

APPENDIX KC1-H

HOURLY EVAPORATION DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

EVAPORATION (inches)

Day	Hour																								Total Evaporation
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
04/01/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.000	0.001	0.002	0.000	0.001	0.002	0.000	0.003	0.003	0.002	0.001	0.020	
04/02/11	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.003	0.000	0.001	0.014	
04/03/11	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.001	0.001	0.000	0.000	0.000	0.010	
04/04/11	0.000	0.000	0.000	0.000	0.003	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.003	INV	0.000	0.015	0.023	0.023	0.030	0.025	0.018	0.010	0.005	0.008	0.167
04/05/11	0.005	0.005	0.008	0.005	0.005	0.005	0.005	0.005	0.003	0.003	0.005	0.005	0.010	0.018	0.020	0.031	0.026	0.036	0.023	0.017	0.015	0.013	0.010	0.005	0.283
04/06/11	0.005	0.005	0.005	0.008	0.003	0.005	0.005	0.005	0.006	0.003	0.003	0.008	0.015	0.002	0.000	0.003	0.000	0.000	0.003	0.000	0.003	0.005	0.003	0.097	
04/07/11	0.003	0.003	0.005	0.013	0.000	0.003	0.000	0.003	0.003	0.005	0.005	0.008	0.011	0.018	0.018	0.015	0.018	0.020	0.017	0.016	0.018	0.018	0.008	0.008	0.236
04/08/11	0.010	0.008	0.007	0.005	0.008	0.005	0.003	0.003	0.005	0.003	0.005	0.008	0.010	0.015	0.015	0.020	0.015	0.013	0.010	0.013	0.008	0.013	0.007	0.005	0.214
04/09/11	0.005	0.005	0.008	0.003	0.003	0.003	0.000	0.000	0.000	0.000	0.061	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.132
04/10/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.005	0.008	0.008	0.007	0.010	0.005	0.008	0.002	0.002	0.058	
04/11/11	0.002	0.003	0.000	0.002	0.003	0.003	0.005	0.003	0.005	0.008	0.005	0.005	0.011	0.011	0.018	0.015	0.018	0.015	0.009	0.007	0.010	0.010	0.005	0.005	0.178
04/12/11	0.005	0.005	0.003	0.005	0.003	0.003	0.002	0.003	0.003	0.008	0.009	0.010	0.015	0.020	0.020	0.036	0.028	0.025	0.015	0.010	0.010	0.008	0.005	0.254	
04/13/11	0.005	0.002	0.005	0.003	0.003	0.003	0.003	0.006	0.000	0.005	0.005	0.011	0.013	0.018	0.028	0.028	0.020	0.030	0.027	0.023	0.018	0.013	0.010	0.008	0.287
04/14/11	0.010	0.008	0.007	0.008	0.003	0.005	0.005	0.005	0.008	0.008	0.008	0.010	0.018	0.018	0.028	0.023	0.023	0.026	0.023	0.015	0.018	0.008	0.008	0.298	
04/15/11	0.005	0.005	0.008	0.008	0.008	0.005	0.010	0.008	0.013	0.010	0.010	0.023	0.016	0.020	0.023	0.020	0.018	0.020	0.023	0.012	0.010	0.008	0.008	0.299	
04/16/11	0.008	0.008	0.008	0.005	0.005	0.008	0.005	0.008	0.010	0.008	0.013	0.010	0.023	0.023	0.028	0.028	0.023	0.028	0.026	0.028	0.023	0.020	0.007	0.005	0.358
04/17/11	0.005	0.005	0.005	0.005	0.003	0.003	0.003	0.000	0.003	0.005	0.005	0.015	0.026	0.026	0.031	0.043	0.038	0.028	0.020	0.023	0.015	0.013	0.012	0.010	0.342
04/18/11	0.013	0.010	0.010	0.005	0.005	0.005	0.005	0.005	0.000	0.006	0.010	0.020	0.023	0.018	0.036	0.031	0.028	0.023	0.031	0.013	0.015	0.008	0.013	0.002	0.335
04/19/11	0.008	0.008	0.010	0.005	0.003	0.003	0.005	0.003	0.003	0.000	0.005	0.018	0.015	0.036	0.015	0.023	0.026	0.023	0.018	0.015	0.013	0.013	0.008	0.005	0.276
04/20/11	0.005	0.003	0.003	0.005	0.000	0.003	0.005	0.031	0.000	0.000	0.000	0.008	0.010	0.018	0.028	0.033	0.028	0.026	0.018	0.013	0.013	0.008	0.008	0.008	0.274
04/21/11	0.010	0.005	0.005	0.005	0.003	0.033	0.003	0.000	0.003	0.005	0.005	0.020	0.015	0.028	0.046	0.015	0.031	0.018	0.020	0.015	0.013	0.018	0.003	0.322	
04/22/11	0.013	0.000	0.005	0.005	0.003	0.003	0.005	0.031	0.000	0.008	0.003	0.036	0.013	0.023	0.026	0.031	0.031	0.020	0.018	0.013	0.013	0.005	0.015	0.338	
04/23/11	0.008	0.003	0.005	0.003	0.005	0.038	0.000	0.000	0.000	0.000	0.008	0.015	0.028	0.015	0.015	0.023	0.026	0.028	0.003	0.005	0.005	0.003	0.003	0.239	
04/24/11	0.005	0.003	0.005	0.003	0.003	0.000	0.003	0.000	0.003	0.010	0.013	0.008	0.010	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.072		
04/25/11	0.000	0.000	0.000	INV	0.031	INV	INV	INV	0.003	0.023	0.018	0.008	0.003	0.013	0.008	0.003	0.015	INV	0.001	0.003	0.004	0.000	0.003	0.000	0.136
04/26/11	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.003	0.007	0.016	0.031	0.023	0.041	0.031	0.043	0.017	0.017	0.014	0.005	0.015	0.000	0.272
04/27/11	0.003	0.015	0.005	0.000	0.005	0.002	0.009	0.023	0.008	0.013	0.000	0.012	0.034	0.008	0.026	0.026	0.026	0.036	0.014	0.007	0.010	0.008	0.008	0.324	
04/28/11	0.005	0.003	0.003	0.003	0.000	0.003	0.010	0.000	0.013	0.010	0.005	0.003	0.013	0.026	0.036	0.036	0.036	0.033	0.026	0.020	0.007	0.009	0.005	0.310	
04/29/11	0.003	0.005	0.005	0.005	0.005	0.008	0.008	0.015	0.011	0.003	0.006	0.018	0.041	INV	INV	0.023	0.028	0.020	0.026	0.017	0.015	0.013	0.010	0.295	
04/30/11	0.005	0.010	0.008	0.003	0.005	0.002	0.008	0.010	0.008	0.008	0.005	0.016	0.023	0.028	0.028	0.026	0.033	0.028	0.023	0.018	0.010	0.013	0.008	0.005	0.331

Total Evaporation for the month = 6.771

Total Number of Observations: 712

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
MAY 2011
EVAPORATION (inches)

Day	Hour																								Total Evaporation
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
05/01/11	0.008	0.023	0.008	0.010	0.013	0.008	0.013	0.008	0.005	0.026	0.000	0.005	0.018	0.038	0.005	0.021	0.026	0.035	0.023	0.031	0.013	0.023	0.015	0.018	0.393
05/02/11	0.010	0.005	0.007	0.005	0.008	0.005	0.028	0.011	0.005	0.013	0.008	0.010	0.021	0.008	0.028	0.010	0.046	0.023	0.010	0.035	0.010	0.018	0.023	0.008	0.355
05/03/11	0.010	0.010	0.008	0.005	0.010	0.015	0.005	0.020	0.013	0.003	0.013	0.020	0.031	0.008	0.015	0.028	0.031	0.023	0.020	0.015	0.012	0.013	0.010	0.010	0.348
05/04/11	0.008	0.010	0.008	0.005	0.008	0.005	0.008	0.038	0.003	0.018	0.013	0.003	0.010	0.023	0.008	0.023	0.023	0.026	0.015	0.018	0.013	0.010	0.008	0.008	0.312
05/05/11	0.003	0.008	0.003	0.003	0.003	0.003	0.026	0.026	0.000	0.003	0.013	0.023	0.031	0.028	0.031	0.031	0.028	0.020	0.013	0.018	0.008	0.008	0.008	0.008	0.356
05/06/11	0.008	0.008	0.005	0.003	0.005	0.003	0.028	0.000	0.010	0.008	0.008	0.015	0.015	INV	0.010	0.026	0.023	0.033	0.028	0.028	0.013	0.012	0.007	0.008	0.304
05/07/11	0.005	0.008	0.003	0.003	0.010	0.005	0.018	0.000	0.001	0.003	0.013	0.010	0.020	0.036	0.028	0.043	0.041	0.036	0.028	0.023	0.013	0.007	0.018	0.008	0.380
05/08/11	0.010	0.005	0.005	0.010	0.005	0.005	0.003	0.005	0.006	0.005	0.036	0.005	0.051	0.023	0.031	0.038	0.046	0.023	0.026	0.023	0.015	0.017	0.013	0.010	0.416
05/09/11	0.008	0.010	0.005	0.005	0.013	0.003	0.003	0.041	0.003	0.000	0.010	0.008	0.036	0.023	0.016	0.036	0.010	0.023	0.036	0.013	0.013	0.008	0.005	0.005	0.333
05/10/11	0.005	0.003	0.005	0.002	0.003	0.003	0.041	0.000	0.000	0.010	0.005	0.018	0.010	0.015	0.018	0.020	0.015	0.020	0.013	0.008	0.008	0.005	0.005	0.005	0.232
05/11/11	0.003	0.005	0.003	0.000	0.003	0.000	0.003	0.020	0.005	0.000	0.013	0.026	0.013	0.018	0.023	0.033	0.026	0.020	0.018	0.010	0.008	0.005	0.005	0.263	
05/12/11	0.005	0.008	0.005	0.005	0.005	0.003	0.005	0.005	0.033	0.008	0.003	0.020	0.010	0.020	0.028	0.028	0.036	0.031	0.023	0.023	0.013	0.015	0.007	0.015	0.354
05/13/11	0.008	0.008	0.003	0.005	0.003	0.005	0.008	0.028	0.008	0.010	0.005	0.008	0.033	0.018	0.026	0.031	0.038	0.054	0.015	0.020	0.015	0.010	0.013	0.013	0.385
05/14/11	0.013	0.005	0.002	0.010	0.008	0.005	0.008	0.003	0.003	0.031	0.015	0.003	0.028	0.023	0.018	0.049	0.026	0.038	0.026	0.020	0.013	0.008	0.010	0.008	0.373
05/15/11	0.010	0.003	0.003	0.003	0.003	0.000	0.003	0.003	0.008	0.008	0.015	0.041	0.028	0.041	0.043	0.041	0.028	0.028	0.015	0.015	0.008	0.010	0.008	0.368	
05/16/11	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.036	0.005	0.000	0.008	0.005	0.020	INV	0.018	0.031	0.041	0.031	0.028	0.025	0.015	0.018	0.008	0.013	0.327
05/17/11	0.010	0.005	0.015	0.005	0.003	0.015	0.020	0.000	0.015	0.000	0.018	0.003	0.018	0.023	0.028	0.025	0.025	0.025	0.015	0.015	0.015	0.008	0.003	0.310	
05/18/11	0.005	0.003	0.003	0.005	0.003	0.003	0.023	0.005	0.000	0.000	0.008	0.003	0.005	0.005	0.005	0.005	0.008	0.005	0.003	0.000	0.000	0.000	0.000	0.095	
05/19/11	0.000	INV	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.010	0.015	0.020	0.021	0.018	0.018	0.015	0.005	0.010	0.002	0.002	0.139
05/20/11	0.005	0.003	0.008	0.002	0.002	0.003	0.003	0.003	0.005	0.005	0.005	0.008	0.011	0.023	INV	0.018	0.023	0.020	0.023	0.016	0.015	0.010	0.013	0.008	0.230
05/21/11	0.008	0.010	0.008	0.010	0.005	0.005	0.003	0.005	0.003	0.005	0.015	0.018	0.028	0.020	0.026	0.026	0.026	0.031	0.026	0.020	0.012	0.010	0.008	0.331	
05/22/11	0.008	0.008	0.005	0.005	0.003	0.003	0.023	0.000	0.001	0.011	0.018	0.005	0.015	0.026	0.033	0.031	0.046	0.023	0.028	0.018	0.023	0.015	0.012	0.013	0.373
05/23/11	0.010	0.010	0.010	0.008	0.005	0.008	0.005	0.003	0.033	0.001	0.003	0.020	0.015	0.031	0.023	0.033	0.043	0.031	0.033	0.028	0.027	0.025	0.013	0.010	0.428
05/24/11	0.013	0.008	0.013	0.005	0.005	0.008	0.005	0.031	0.008	0.010	0.010	0.011	0.023	0.015	0.018	0.046	0.033	0.023	0.020	0.022	0.018	0.013	0.005	0.008	0.371
05/25/11	0.005	0.003	0.005	0.005	0.003	0.005	0.005	0.028	0.004	0.018	0.000	0.018	0.010	0.038	0.015	0.023	0.041	0.033	0.033	0.026	0.020	0.010	0.010	0.008	0.366
05/26/11	0.008	0.018	0.003	0.003	0.003	0.003	0.005	0.003	0.015	0.008	0.038	0.010	0.033	0.015	0.038	0.041	0.028	0.031	0.026	0.015	0.013	0.012	0.010	0.382	
05/27/11	0.008	0.008	0.005	0.008	0.008	0.005	0.003	0.044	0.003	0.000	0.005	0.020	0.018	0.031	0.026	0.046	0.041	0.033	0.033	0.026	0.018	0.010	0.010	0.013	0.422
05/28/11	0.005	0.013	0.007	0.005	0.002	0.005	0.003	0.006	0.000	0.008	0.018	0.031	0.041	0.028	0.036	0.056	0.028	0.049	0.028	0.023	0.028	0.018	0.010	0.010	0.466
05/29/11	0.008	0.008	0.005	0.005	0.005	0.003	0.005	0.003	0.008	0.008	0.023	0.031	0.036	0.026	0.038	0.033	0.028	0.036	0.020	0.023	0.015	0.010	0.005	0.387	
05/30/11	0.010	0.005	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.005	0.013	0.018	0.026	0.026	0.023	0.026	0.026	0.023	0.025	0.015	0.008	0.005	0.005	0.289	
05/31/11	0.005	0.003	0.003	0.003	0.003	0.005	0.003	0.005	0.016	0.005	0.033	0.015	0.026	0.013	0.031	0.036	0.033	0.023	0.028	0.018	0.013	0.008	0.008	0.344	

Total Evaporation for the month = 10.432

Total Number of Observations: 737

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

EVAPORATION (inches)

Day	Hour																								Total Evaporation
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
06/01/11	0.003	0.005	0.003	0.003	0.003	0.003	0.023	0.015	0.000	0.010	0.000	0.026	0.018	0.018	0.028	0.031	0.031	0.018	0.020	0.018	0.013	0.010	0.008	0.310	
06/02/11	0.008	0.028	0.003	0.015	0.003	0.000	0.023	0.000	0.000	0.013	0.003	0.005	0.028	INV	0.000	0.033	0.033	0.026	0.026	0.023	0.018	0.010	0.005	0.005	0.308
06/03/11	0.005	0.005	0.003	0.003	0.003	0.003	0.005	0.013	0.001	0.005	0.005	0.010	0.020	0.028	0.033	0.028	0.043	0.036	0.033	0.033	0.028	0.015	0.015	0.015	0.370
06/04/11	0.010	0.007	0.008	0.005	0.005	0.023	0.000	0.011	0.010	0.000	0.015	0.008	0.020	0.023	0.038	0.036	0.038	0.033	0.033	0.031	0.013	0.010	0.010	0.008	0.395
06/05/11	0.008	0.007	0.003	0.005	0.003	0.005	0.003	0.026	0.000	0.003	0.010	0.015	0.028	0.036	0.038	0.033	0.056	0.033	0.036	0.026	0.013	0.010	0.010	0.005	0.412
06/06/11	0.008	0.005	0.008	0.008	0.005	0.005	0.003	0.036	0.018	0.003	0.013	0.020	0.046	0.026	0.049	0.031	0.046	0.031	0.026	0.018	0.018	0.013	0.008	0.008	0.452
06/07/11	0.005	0.008	0.005	0.005	0.003	0.003	0.041	0.000	0.000	0.000	0.015	0.018	0.020	0.028	INV	0.013	0.018	0.023	0.028	0.023	0.015	0.012	0.010	0.010	0.303
06/08/11	0.018	0.008	0.008	0.015	0.005	0.008	0.005	0.018	0.004	0.003	0.005	0.013	0.036	0.023	0.028	0.059	0.026	0.026	0.036	0.031	0.020	0.015	0.010	0.013	0.433
06/09/11	0.008	0.005	0.005	0.005	0.003	0.031	0.000	0.000	0.003	0.003	0.000	0.015	0.013	INV	0.031	0.038	0.028	0.038	0.041	0.036	0.020	0.018	0.015	0.013	0.369
06/10/11	0.012	0.010	0.010	0.005	0.005	0.005	0.026	0.001	0.005	0.003	0.020	0.008	0.033	0.013	0.041	0.020	0.036	0.031	0.033	0.026	0.018	0.008	0.009	0.015	0.393
06/11/11	0.010	0.007	0.008	0.005	0.008	0.008	0.036	0.036	0.001	0.000	0.013	0.013	0.015	0.038	0.023	0.033	0.038	0.031	0.056	0.013	0.010	0.012	0.010	0.008	0.432
06/12/11	0.008	0.008	0.008	0.005	0.005	0.041	0.000	0.008	0.005	0.008	0.003	0.010	0.028	0.023	0.038	0.056	0.036	0.038	0.038	0.046	0.013	0.018	0.018	0.013	0.474
06/13/11	0.012	0.010	0.005	0.005	0.005	0.013	0.036	0.001	0.011	0.003	0.018	0.026	0.013	0.026	0.046	0.038	0.056	0.023	0.020	0.026	0.020	0.018	0.010	0.010	0.451
06/14/11	0.005	0.008	0.003	0.008	0.003	0.031	0.008	0.006	0.003	0.023	0.008	0.008	0.028	0.021	0.051	0.020	0.049	0.028	0.033	0.023	0.015	0.018	0.008	0.008	0.416
06/15/11	0.005	0.005	0.010	0.005	0.005	0.041	0.011	0.005	0.005	0.003	0.008	0.028	0.026	0.026	0.033	0.054	0.048	0.031	0.035	0.028	0.020	0.008	0.013	0.008	0.461
06/16/11	0.010	0.008	0.020	0.008	0.010	0.008	0.003	0.049	0.010	0.005	0.013	0.015	0.033	INV	0.038	0.036	0.033	0.048	0.023	0.031	0.020	0.015	0.018	0.018	0.472
06/17/11	0.026	0.013	0.009	0.008	0.008	0.005	0.006	0.019	0.005	0.013	0.010	0.008	0.026	0.020	0.038	0.041	0.043	0.033	0.036	0.023	0.028	0.015	0.015	0.010	0.458
06/18/11	0.014	0.051	0.000	0.000	0.003	0.023	0.003	0.014	0.010	0.000	0.015	0.010	0.015	0.028	0.044	0.056	0.023	0.041	0.038	0.026	0.026	0.026	0.018	0.504	
06/19/11	0.010	0.010	0.010	0.010	0.008	0.036	0.011	0.008	0.003	0.005	0.013	0.036	0.015	0.031	0.043	0.049	0.038	0.043	0.061	0.041	0.010	0.020	0.013	0.010	0.534
06/20/11	0.008	0.007	0.010	0.005	0.005	0.003	0.033	0.003	0.018	0.000	0.003	0.018	0.013	0.033	0.038	0.036	0.054	0.026	0.031	0.023	0.031	0.013	0.010	0.452	
06/21/11	0.010	0.010	0.007	0.008	0.005	0.010	0.038	0.006	0.000	0.000	0.008	0.036	0.010	0.028	0.031	0.046	0.064	0.049	0.033	0.018	0.020	0.023	0.015	0.015	0.490
06/22/11	0.008	0.008	0.008	0.005	0.010	0.007	0.031	0.008	0.020	0.010	0.015	0.016	0.023	0.041	0.054	0.033	0.051	0.048	0.033	0.030	0.043	0.015	0.015	0.020	0.552
06/23/11	0.005	0.020	0.010	0.020	0.003	0.038	0.005	0.008	0.000	0.008	0.010	0.023	0.015	0.033	0.051	0.046	0.028	0.033	0.031	0.025	0.028	0.015	0.013	0.010	0.478
06/24/11	0.013	0.010	0.005	0.005	0.005	0.000	0.003	0.038	0.000	0.003	0.008	0.015	0.033	INV	0.033	0.033	0.041	0.043	0.030	0.030	0.031	0.018	0.015	0.013	0.425
06/25/11	0.013	0.010	0.008	0.008	0.008	0.002	0.018	0.005	0.005	0.018	0.010	0.011	0.020	0.028	0.038	0.066	0.049	0.046	0.033	0.028	0.018	0.013	0.008	0.008	0.471
06/26/11	0.008	0.010	0.010	0.010	0.005	0.005	0.005	0.000	0.028	0.005	0.005	0.026	0.028	0.041	0.038	0.071	0.026	0.038	0.038	0.028	0.023	0.015	0.013	0.015	0.491
06/27/11	0.018	0.013	0.008	0.013	0.005	0.005	0.028	0.000	0.000	0.018	0.010	0.033	0.023	0.028	0.061	0.038	0.059	0.041	0.038	0.030	0.020	0.015	0.013	0.537	
06/28/11	0.010	0.010	0.003	0.005	0.005	0.005	0.043	0.000	0.010	0.013	0.020	0.003	0.018	0.031	0.041	0.033	0.036	0.033	0.023	0.015	0.008	0.008	0.015	0.411	
06/29/11	0.008	0.013	0.008	0.018	0.008	0.036	0.003	0.003	0.003	0.008	0.015	0.018	0.054	0.015	0.041	0.066	0.026	0.043	0.028	0.028	0.015	0.031	0.023	0.015	0.526
06/30/11	0.008	0.008	0.005	0.005	0.003	0.038	0.000	0.003	0.003	0.018	0.020	0.010	0.041	0.026	0.043	0.036	0.043	0.033	0.046	0.023	0.020	0.010	0.013	0.005	0.460

Total Evaporation for the month = #####

Total Number of Observations: 715

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC1-I
HOURLY PRECIPITATION DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2011

PRECIPITATION (inches)

Day	Hour																								Total Precipitation
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
04/01/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/02/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/03/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/04/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/05/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/06/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	
04/07/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/08/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/09/11	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.07	0.01	0.01	0.00	0.00	0.10	0.07	0.03	0.04	0.02	0.03	0.01	0.01	0.01	0.00	0.00	0.00	
04/10/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	
04/11/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	
04/12/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/13/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/14/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/15/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/16/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/17/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/18/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/19/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/20/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/21/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/22/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/23/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/24/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/25/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/26/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/27/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/28/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/29/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/30/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Total Precipitation for the month = 0.75

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2011

PRECIPITATION (inches)

Day	Hour																								Total Precipitation
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
05/01/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/02/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/03/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/04/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/05/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/06/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/07/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/08/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/09/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/10/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/11/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/12/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/13/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/14/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/15/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/16/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/17/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/18/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.10	0.07	0.01	0.20	
05/19/11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
05/20/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/21/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/22/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/23/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/24/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/25/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/26/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/27/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/28/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/29/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/30/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
05/31/11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Total Precipitation for the month = 0.21

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2011

PRECIPITATION (inches)

Total Precipitation for the month = 0.00

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

METEOROLOGICAL MEASUREMENTS

KC2 SITE

APPENDIX KC2-A: HOURLY WIND SPEED/DIRECTION DATA

APPENDIX KC2-B: HOURLY SIGMA THETA DATA

APPENDIX KC2-C: HOURLY DIFFERENTIAL TEMPERATURE DATA

APPENDIX KC2-D: HOURLY TEMPERATURE DATA

APPENDIX KC2-E: HOURLY RELATIVE HUMIDITY

APPENDIX KC2-F: HOURLY BAROMETRIC PRESSURE DATA

APPENDIX KC2-G: HOURLY SOLAR RADIATION DATA

APPENDIX KC2-H: HOURLY EVAPORATION DATA

APPENDIX KC2-I: HOURLY PRECIPITATION DATA

APPENDIX KC2-A

HOURLY WIND SPEED/DIRECTION DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

WIND SPEED (m/s)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	2.0	2.5	1.8	1.3	1.2	1.1	1.6	0.7	1.0	2.9	6.6	4.8	4.0	2.4	2.1	3.1	3.4	4.3	3.1	0.9	0.5	0.7	0.7	0.7	6.6	0.5	2.2
04/02/11	0.8	0.4	0.9	1.0	1.6	1.5	2.2	3.4	2.5	2.6	2.9	3.8	3.9	4.4	5.2	5.6	5.6	5.5	3.4	1.1	0.6	1.7	3.4	2.4	5.6	0.4	2.8
04/03/11	2.2	2.9	2.8	1.8	1.1	2.0	2.5	3.8	5.0	4.9	5.1	5.5	6.0	6.9	6.6	7.2	7.4	7.0	5.9	3.9	1.6	1.0	1.7	1.4	7.4	1.0	4.0
04/04/11	1.4	1.0	2.4	4.4	6.4	5.8	6.3	4.1	4.5	4.4	3.0	3.8	2.6	3.8	2.7	3.1	2.5	3.3	3.3	1.6	1.7	2.1	1.0	1.7	6.4	1.0	3.2
04/05/11	1.2	1.3	2.9	3.0	4.1	2.2	3.2	1.6	1.0	2.1	1.9	3.2	4.0	4.1	3.9	5.3	5.8	4.5	3.5	1.6	0.8	1.1	0.6	0.1	5.8	0.1	2.6
04/06/11	0.3	1.4	1.7	1.7	1.8	2.4	2.7	3.0	2.6	3.7	1.7	3.5	5.7	6.3	3.1	2.8	1.7	2.6	2.2	3.6	3.9	4.5	3.8	2.8	6.3	0.3	2.9
04/07/11	1.0	1.6	2.0	1.5	1.3	1.3	1.1	0.3	3.1	5.0	5.1	5.9	6.0	6.1	6.5	7.4	6.9	6.7	6.2	4.5	3.2	3.8	2.0	1.3	7.4	0.3	3.7
04/08/11	1.3	2.6	1.3	2.2	1.0	2.2	1.7	0.8	1.8	6.0	5.8	5.2	4.8	6.3	6.8	7.4	7.2	6.5	6.0	4.1	3.8	3.2	3.9	3.5	7.4	0.8	4.0
04/09/11	3.2	3.5	4.4	3.7	2.9	3.5	1.9	3.1	2.7	3.4	2.2	2.4	1.8	2.0	1.5	1.6	2.3	2.3	2.2	0.9	0.9	1.0	1.0	0.8	4.4	0.8	2.3
04/10/11	0.6	0.8	0.6	1.3	1.5	0.6	0.3	0.1	1.0	2.1	3.5	3.0	2.9	4.2	4.4	5.1	5.1	5.2	3.8	0.6	0.2	0.6	0.2	1.0	5.2	0.1	2.0
04/11/11	0.8	1.2	1.1	2.1	2.6	3.3	3.8	6.3	5.6	7.1	4.6	3.3	3.5	4.3	3.9	5.0	3.2	2.2	1.9	3.5	4.0	3.9	3.7	2.1	7.1	0.8	3.5
04/12/11	1.0	1.4	1.0	0.8	1.8	1.8	2.0	2.1	3.4	2.6	4.1	3.4	5.0	4.4	4.7	4.7	4.2	4.4	3.4	1.8	0.8	1.8	1.1	5.0	0.8	2.6	
04/13/11	0.7	2.2	2.0	1.8	1.6	2.3	2.9	1.3	1.7	2.2	3.5	3.9	4.9	5.5	6.0	5.5	5.6	5.3	5.7	3.9	3.0	3.5	1.4	0.7	6.0	0.7	3.2
04/14/11	0.9	1.9	1.9	1.0	1.6	1.5	0.8	1.2	1.6	1.7	2.6	3.7	3.6	4.3	4.4	4.6	4.6	5.1	4.2	1.5	1.0	1.4	0.8	1.1	5.1	0.8	2.4
04/15/11	1.3	2.4	2.2	3.2	7.8	5.8	3.5	4.5	3.9	3.9	4.9	6.7	5.9	4.5	3.8	3.0	3.2	3.8	3.0	1.8	0.8	0.9	0.8	0.5	7.8	0.5	3.4
04/16/11	0.2	0.9	0.4	0.6	0.8	1.0	1.3	3.0	1.1	1.2	1.8	3.2	3.6	3.4	3.9	4.1	4.4	4.7	3.5	0.9	1.1	0.4	0.7	0.2	4.7	0.2	1.9
04/17/11	1.1	1.6	1.8	0.7	2.0	2.6	2.1	3.5	2.1	2.3	2.1	3.3	4.4	5.4	5.9	5.6	6.0	5.8	3.9	1.6	1.1	0.8	1.3	1.3	6.0	0.7	2.8
04/18/11	1.4	1.6	1.1	1.8	2.2	1.1	2.3	1.7	1.6	4.2	4.3	4.6	4.9	6.1	6.2	6.9	6.6	6.1	5.5	4.0	1.4	2.0	1.5	1.6	6.9	1.1	3.4
04/19/11	1.9	2.5	1.9	1.2	1.0	1.0	1.8	2.1	2.7	2.9	3.5	3.6	3.9	4.5	4.6	4.7	5.2	4.5	3.5	2.0	1.1	1.1	1.0	1.3	5.2	1.0	2.6
04/20/11	1.1	1.2	1.8	1.6	2.0	2.3	3.3	2.7	1.3	2.6	3.4	4.4	5.0	5.0	4.3	5.0	5.0	3.2	2.8	2.0	1.1	0.3	0.3	0.5	5.0	0.3	2.6
04/21/11	0.7	0.8	0.9	1.8	1.3	2.0	1.7	1.7	1.4	2.2	3.0	3.6	4.2	4.4	5.2	5.8	4.5	5.6	4.7	3.5	1.2	0.9	1.1	1.2	5.8	0.7	2.6
04/22/11	0.5	0.6	0.9	1.3	2.0	2.0	1.2	1.2	2.6	3.9	4.1	5.0	4.9	5.6	5.3	6.0	5.4	4.9	4.5	2.4	1.3	0.7	0.5	1.1	6.0	0.5	2.8
04/23/11	0.6	1.0	1.3	0.8	1.2	2.1	1.9	0.8	2.1	2.6	3.7	4.9	5.7	6.0	6.4	6.2	5.8	5.9	4.4	2.1	0.5	0.3	0.5	0.4	6.4	0.3	2.8
04/24/11	0.8	0.8	1.2	1.0	0.9	1.6	1.1	1.7	2.9	3.9	5.1	6.1	6.1	6.6	7.0	8.2	8.1	6.8	6.2	4.7	4.3	3.3	1.1	2.3	8.2	0.8	3.8
04/25/11	2.9	2.5	1.6	1.2	0.7	2.0	1.1	1.2	1.4	1.9	2.9	3.3	4.6	4.9	5.1	5.3	5.1	5.0	4.8	3.2	1.7	2.2	2.3	1.8	5.3	0.7	2.9
04/26/11	1.8	2.1	0.6	0.4	0.7	2.1	0.8	1.6	3.7	3.8	4.2	5.1	6.2	6.8	7.5	7.2	8.3	8.4	7.2	5.7	5.0	3.3	3.5	2.7	8.4	0.4	4.1
04/27/11	2.5	3.5	3.7	2.3	3.7	5.8	8.6	8.3	6.8	5.5	4.8	3.9	3.4	3.8	3.6	4.1	4.2	5.3	4.0	2.0	1.3	0.9	1.0	0.6	8.6	0.6	3.9
04/28/11	1.0	1.0	0.9	1.1	1.8	3.1	5.3	5.1	2.4	1.6	3.6	2.9	3.3	4.3	4.3	4.7	5.0	5.1	4.3	2.2	0.6	1.2	0.9	5.3	0.6	2.7	
04/29/11	1.1	1.1	1.7	1.4	1.8	1.1	1.2	2.2	4.9	5.6	5.6	6.2	7.3	6.9	8.0	6.9	6.7	6.0	5.4	2.9	0.8	0.7	0.8	1.0	8.0	0.7	3.6
04/30/11	0.6	1.4	2.0	2.5	2.7	4.7	5.7	3.6	3.7	2.8	2.4	4.4	5.6	6.3	6.8	6.6	6.2	6.3	5.4	4.7	2.1	1.4	1.2	1.5	6.8	0.6	3.8

Hourly Averages 1.2 1.7 1.7 1.7 2.1 2.4 2.5 2.6 2.7 3.4 3.7 4.2 4.6 5.0 5.0 5.3 5.2 5.1 4.3 2.6 1.7 1.6 1.5 1.3

Maximum Hourly Wind Speed: 8.6 **Minimum Hourly Wind Speed:** 0.1 **Average Monthly Wind Speed:** 3.0

Maximum 24-Hour Mean: 4.1 **Minimum 24-Hour Mean:** 1.9

Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

WIND DIRECTION (degrees)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
04/01/11	19	81	301	317	290	273	300	254	162	170	73	82	66	128	223	274	283	270	276	322	4	323	323	334	
04/02/11	16	18	33	54	46	71	83	58	95	170	168	206	230	249	231	231	232	265	283	285	128	251	244	199	
04/03/11	182	179	172	92	185	197	193	190	190	200	231	242	244	246	252	258	264	269	269	258	273	316	328	26	
04/04/11	51	29	39	90	88	77	68	101	87	110	121	115	117	130	191	249	285	270	271	301	341	351	12	25	
04/05/11	36	53	58	75	80	74	59	115	125	183	179	215	195	223	218	240	254	276	281	315	315	52	68	322	
04/06/11	31	63	62	63	60	63	88	75	126	163	170	212	261	243	12	72	341	97	122	137	134	128	161	180	
04/07/11	222	253	191	173	60	155	85	91	230	218	210	221	204	231	235	221	221	222	217	212	204	196	170	128	
04/08/11	149	171	287	98	130	125	157	53	234	201	231	248	246	245	236	235	240	243	246	241	234	209	217	192	
04/09/11	202	207	206	213	280	271	261	268	271	268	286	283	277	253	298	150	116	179	208	214	225	264	83	235	
04/10/11	305	296	70	48	73	17	271	172	188	217	250	266	256	239	250	243	239	247	256	278	36	11	8	22	
04/11/11	20	38	8	17	30	359	327	47	41	42	49	62	58	165	187	148	151	131	59	76	78	86	171	237	
04/12/11	344	47	340	12	61	80	74	43	90	203	268	283	264	253	240	245	238	248	254	306	323	54	36	19	
04/13/11	346	45	44	42	43	56	48	327	90	168	203	179	213	237	237	242	238	249	248	264	268	257	206	290	
04/14/11	317	289	323	10	46	52	49	56	236	210	261	267	254	265	269	271	271	254	255	295	28	19	33	55	
04/15/11	19	46	4	314	66	68	250	178	204	54	89	73	63	69	82	353	341	335	341	36	43	353	34	285	
04/16/11	298	308	301	314	351	310	330	64	232	265	252	238	262	279	266	266	255	268	265	335	7	1	304	4	
04/17/11	44	62	53	33	67	59	45	68	132	185	189	223	245	240	238	263	246	265	272	283	52	59	318	68	
04/18/11	73	83	47	12	21	57	67	88	199	212	207	221	231	241	232	235	236	239	263	251	236	261	256	288	
04/19/11	289	317	320	35	48	43	78	95	120	167	224	239	254	252	250	239	245	246	263	288	36	53	46	47	
04/20/11	53	54	57	58	66	52	58	75	122	163	170	219	226	242	266	244	234	267	267	287	2	28	324	55	
04/21/11	40	20	46	56	54	59	77	104	153	194	191	224	234	243	248	248	245	252	267	264	269	268	302	60	
04/22/11	336	47	327	30	52	83	321	78	162	190	244	229	245	240	246	254	252	261	275	288	305	309	329	62	
04/23/11	126	23	322	28	58	68	62	101	149	184	168	203	209	248	250	241	248	244	248	323	67	311	310		
04/24/11	230	78	7	284	43	68	99	150	186	197	232	247	231	245	234	244	255	264	270	265	260	250	244	283	
04/25/11	269	270	311	336	53	74	55	111	147	169	260	271	249	277	263	257	263	263	274	288	300	306	309		
04/26/11	306	300	228	286	280	308	2	295	269	265	273	266	264	262	258	268	270	275	274	278	274	288	331	324	
04/27/11	16	25	10	46	85	80	68	76	83	105	97	110	38	274	218	238	263	269	257	279	324	6	33	304	
04/28/11	256	333	307	319	35	56	79	82	110	190	203	166	246	253	258	262	259	253	267	285	25	345	50	67	
04/29/11	66	318	287	323	321	32	109	202	243	232	244	246	243	240	238	254	261	273	269	268	333	68	73	22	
04/30/11	5	57	51	43	51	72	90	96	101	275	344	235	248	263	260	259	259	251	261	247	271	52	330	56	

Hourly Averages	155	137	160	127	104	112	128	124	159	186	203	210	212	232	229	240	250	248	252	257	188	174	188	160	
Total Number of Observations:	720	Possible Number of Observations:	720	INV = Invalid Data	ND = No Data Collection																				

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

WIND SPEED (m/s)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	3.5	7.1	8.6	10.7	10.9	11.5	10.8	10.3	8.5	5.2	2.8	3.5	3.9	4.1	3.5	5.2	5.2	3.7	4.3	3.1	4.8	8.4	9.9	10.3	11.5	2.8	6.6
05/02/11	10.5	8.0	7.0	6.5	4.4	3.9	3.2	5.4	8.8	8.9	7.3	4.6	4.7	4.1	4.3	4.5	3.2	3.9	3.8	3.2	4.8	5.5	7.5	5.7	10.5	3.2	5.6
05/03/11	6.8	5.0	4.6	3.6	2.8	2.8	4.6	5.7	5.7	5.0	5.0	3.6	4.0	5.8	5.5	4.9	4.3	4.3	3.6	2.8	4.9	5.4	5.5	6.0	6.8	2.8	4.7
05/04/11	6.6	5.5	5.1	5.4	5.3	6.0	5.5	3.7	5.2	5.2	4.3	2.5	1.8	3.4	4.2	4.3	3.7	3.7	2.2	1.3	1.3	0.9	1.1	0.8	6.6	0.8	3.7
05/05/11	0.5	1.3	3.0	1.6	3.3	2.4	2.2	0.9	1.8	3.1	2.3	2.7	3.0	3.7	4.4	4.5	4.2	4.1	3.5	1.9	1.5	2.1	1.7	1.4	4.5	0.5	2.5
05/06/11	0.6	1.0	0.7	0.5	0.4	0.7	1.3	1.3	1.7	2.3	3.1	4.0	4.6	5.3	4.6	4.5	4.4	3.7	1.8	1.4	1.6	1.0	0.6	5.3	0.4	2.2	
05/07/11	0.2	1.9	1.4	1.1	2.4	2.7	3.3	2.9	1.5	1.6	2.6	2.8	4.6	5.1	4.9	5.3	4.6	4.0	4.1	2.2	0.8	0.5	1.3	1.6	5.3	0.2	2.7
05/08/11	1.7	1.4	1.2	1.8	1.2	2.0	2.3	2.3	2.4	2.9	4.6	5.8	6.8	6.8	7.8	8.2	7.7	6.9	5.5	3.8	2.2	2.5	2.0	3.4	8.2	1.2	3.9
05/09/11	2.0	1.4	0.9	1.0	3.3	4.1	3.3	2.7	5.0	5.2	6.1	6.9	7.3	7.2	6.8	6.9	7.0	5.9	5.5	3.7	2.6	1.4	0.7	1.1	7.3	0.7	4.1
05/10/11	0.6	1.1	0.7	0.6	0.8	1.0	1.6	1.7	2.4	3.3	4.8	5.1	6.0	6.7	6.3	6.7	6.6	6.0	4.2	3.4	1.2	0.2	1.3	1.6	6.7	0.2	3.1
05/11/11	1.8	2.5	2.9	2.5	1.2	1.2	1.5	1.5	1.8	2.6	3.7	4.8	4.8	5.4	4.9	5.8	5.7	5.1	4.8	2.2	1.3	0.6	1.1	0.9	5.8	0.6	2.9
05/12/11	0.8	0.9	0.6	1.3	1.1	1.1	0.8	0.8	1.9	2.9	3.7	3.3	4.0	3.9	3.6	4.0	6.0	5.4	4.3	2.3	0.5	1.1	0.9	1.0	6.0	0.5	2.3
05/13/11	0.8	0.6	2.0	2.1	0.9	1.7	4.2	4.2	5.9	7.0	4.9	3.3	5.0	4.2	3.9	3.8	3.4	3.9	3.7	2.2	1.2	1.4	1.9	2.2	7.0	0.6	3.1
05/14/11	2.0	1.3	1.9	1.2	1.6	2.5	1.2	1.4	1.5	2.4	3.2	3.4	4.4	4.7	5.0	5.4	5.8	5.8	4.9	3.2	1.0	0.8	0.9	0.9	5.8	0.8	2.8
05/15/11	1.4	1.0	1.8	2.5	3.2	1.8	1.7	1.7	2.6	3.4	3.7	4.1	4.8	6.0	6.2	6.9	7.0	6.7	6.0	2.8	1.1	1.3	1.4	1.0	7.0	1.0	3.3
05/16/11	1.0	0.9	0.7	0.7	1.6	1.1	0.5	1.4	2.5	3.2	4.5	5.5	5.4	5.3	6.6	7.0	7.0	6.6	5.7	4.2	2.8	2.5	1.5	0.6	7.0	0.5	3.3
05/17/11	0.8	1.3	1.5	1.0	1.0	1.7	0.8	1.2	3.2	4.5	4.7	5.0	5.7	5.6	6.8	6.3	6.3	6.7	4.5	2.9	0.5	1.1	0.9	6.8	0.5	3.3	
05/18/11	1.3	0.2	1.0	0.7	0.5	1.6	2.7	3.3	4.5	5.1	5.5	5.5	6.0	6.6	6.8	6.8	6.5	5.5	4.9	1.5	2.1	2.4	2.9	1.4	6.8	0.2	3.6
05/19/11	1.2	2.2	2.3	1.0	1.2	0.6	1.2	2.1	2.1	2.9	3.4	3.9	4.4	4.7	4.7	4.7	4.8	4.3	4.4	2.8	1.2	1.8	2.2	2.3	4.8	0.6	2.7
05/20/11	2.4	1.7	1.3	1.3	0.8	1.5	2.4	1.3	1.5	3.0	4.2	4.9	4.5	4.8	5.1	4.9	5.4	4.7	4.8	2.7	0.8	1.3	1.1	1.4	5.4	0.8	2.8
05/21/11	1.3	1.1	1.0	0.6	1.9	0.8	1.4	1.2	1.6	2.3	3.2	4.3	3.1	2.7	3.3	3.7	4.3	4.0	4.0	2.5	1.2	0.6	0.2	0.3	4.3	0.2	2.1
05/22/11	1.1	2.7	1.8	1.9	0.8	1.6	2.7	1.7	1.3	2.2	2.7	3.1	3.7	4.7	5.1	5.4	5.2	4.5	4.6	2.9	0.3	1.2	1.6	1.3	5.4	0.3	2.7
05/23/11	1.6	1.0	1.6	1.0	1.3	1.3	1.1	0.6	2.2	3.6	3.6	3.9	4.3	6.3	6.3	6.2	6.7	7.1	5.4	4.5	5.3	6.1	6.6	6.7	7.1	0.6	3.9
05/24/11	4.0	2.7	1.1	0.9	1.0	1.4	1.6	2.1	3.9	3.5	2.5	3.1	4.1	5.2	5.8	5.1	5.1	4.7	4.6	3.1	1.3	0.5	2.0	1.5	5.8	0.5	2.9
05/25/11	0.8	0.8	1.3	0.9	0.5	1.0	0.9	1.6	1.5	2.0	2.3	3.0	3.3	3.4	3.8	4.3	4.1	3.8	3.7	2.6	1.5	0.3	0.7	1.3	4.3	0.3	2.1
05/26/11	1.8	0.9	1.0	1.2	0.9	0.9	1.4	0.9	1.4	1.7	3.0	4.4	5.5	5.4	5.8	6.4	6.0	5.8	5.7	3.9	1.4	0.4	0.7	1.4	6.4	0.4	2.8
05/27/11	1.7	1.8	1.0	1.2	1.3	1.7	3.1	1.9	1.6	2.0	2.8	3.5	4.3	5.3	5.3	6.0	6.4	5.4	4.9	3.2	1.2	0.5	0.9	1.6	6.4	0.5	2.9
05/28/11	1.2	1.7	1.0	0.6	1.5	1.2	2.3	1.4	2.1	3.9	6.0	6.4	6.5	6.7	7.4	8.0	6.8	6.5	6.2	5.4	4.4	4.1	3.1	2.9	8.0	0.6	4.1
05/29/11	1.2	0.9	1.0	1.9	1.3	0.7	1.2	2.1	4.7	5.9	5.4	6.1	6.2	7.6	7.0	7.7	7.5	6.7	6.8	5.2	4.6	4.2	4.1	2.1	7.7	0.7	4.2
05/30/11	2.1	1.2	1.2	0.7	0.9	0.8	1.0	1.4	1.6	2.2	2.8	2.6	3.8	4.1	3.9	3.7	3.4	2.6	2.8	2.5	2.0	1.2	0.8	0.5	4.1	0.5	2.1
05/31/11	0.3	0.9	0.7	2.1	3.1	3.6	4.6	4.4	4.7	5.0	4.9	4.6	4.0	4.1	4.4	4.4	4.4	3.6	3.3	1.9	0.9	1.0	1.3	2.2	5.0	0.3	3.1

Hourly Averages

2.1	2.0	2.0	1.9	2.0	2.2	2.5	2.4	3.1	3.7	3.9	4.2	4.6	5.1	5.3	5.5	5.5	5.0	4.6	3.0	2.1	2.0	2.2	2.2			
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Maximum Hourly Wind Speed: 11.5 Minimum Hourly Wind Speed: 0.2 Average Monthly Wind Speed: 3.3

Maximum 24-Hour Mean: 6.6 Minimum 24-Hour Mean: 2.1

Total Number of Observations: 744 Possible Number of Observations: 744 INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

WIND DIRECTION (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
05/01/11	64	47	47	34	33	37	33	33	35	27	38	331	330	359	342	315	299	322	340	7	34	43	45	45
05/02/11	44	45	38	46	81	114	51	81	71	76	58	62	27	55	28	28	44	11	350	0	18	22	37	76
05/03/11	83	105	93	123	107	90	45	61	90	109	96	95	141	153	146	150	140	149	132	97	87	83	55	53
05/04/11	47	40	52	54	48	66	60	43	63	59	62	88	312	186	249	256	266	282	270	319	15	351	303	350
05/05/11	15	26	48	357	46	349	45	263	239	144	215	152	245	277	265	259	250	264	259	302	0	13	310	291
05/06/11	309	326	352	355	310	314	33	179	169	237	240	280	252	263	250	262	265	274	275	308	358	328	326	340
05/07/11	5	27	43	56	55	48	59	120	178	216	214	216	249	214	232	233	238	245	252	291	353	335	58	65
05/08/11	66	59	45	52	48	58	70	90	128	169	204	211	227	216	231	232	241	261	259	259	245	244	219	256
05/09/11	313	304	186	96	220	235	248	240	240	234	236	234	241	256	257	248	249	263	270	271	255	196	305	54
05/10/11	6	23	118	163	17	48	76	162	229	225	238	228	247	263	257	256	256	255	264	259	281	232	40	358
05/11/11	44	53	51	59	58	66	60	109	202	260	267	268	260	270	263	258	261	269	270	279	316	328	335	321
05/12/11	316	321	339	8	352	335	215	147	1	358	18	330	4	40	353	290	263	250	252	275	347	17	323	229
05/13/11	353	295	19	49	287	16	75	74	72	67	70	105	171	183	145	174	255	250	244	307	331	49	136	251
05/14/11	169	173	304	300	56	47	43	79	164	228	220	226	213	210	246	230	235	230	238	267	293	44	51	55
05/15/11	115	342	50	82	69	70	59	89	147	171	168	174	185	202	225	216	230	246	248	262	251	238	86	68
05/16/11	44	345	357	319	64	62	22	89	108	171	212	218	225	223	221	219	231	233	251	260	247	239	260	288
05/17/11	255	154	181	288	325	299	101	95	260	251	247	237	241	243	240	254	256	258	257	268	258	266	49	58
05/18/11	54	86	219	92	189	243	221	236	212	224	233	241	238	243	253	245	254	276	273	320	96	210	285	87
05/19/11	181	182	166	99	218	87	200	185	188	186	235	270	256	252	258	255	257	267	268	284	18	55	59	57
05/20/11	60	58	62	59	34	36	67	105	151	263	265	262	259	263	275	267	250	275	256	250	69	56	15	358
05/21/11	27	13	309	22	6	322	40	80	216	149	216	267	246	281	273	253	252	262	268	285	348	354	348	329
05/22/11	15	45	52	52	332	55	50	75	230	275	250	254	268	258	250	251	235	267	244	246	254	53	2	338
05/23/11	51	69	145	338	42	64	51	123	210	203	227	215	237	207	207	237	232	241	256	254	220	205	215	212
05/24/11	222	256	247	262	54	69	106	132	212	209	194	231	260	251	230	239	260	272	267	288	317	267	359	307
05/25/11	315	261	297	291	353	349	54	133	201	210	270	243	262	207	234	233	261	249	257	280	323	57	11	19
05/26/11	42	11	19	59	57	54	65	99	15	260	216	254	243	253	246	232	248	258	269	269	297	359	319	42
05/27/11	57	56	56	16	30	56	53	87	76	241	232	245	260	239	238	251	252	268	272	290	332	38	58	63
05/28/11	64	322	326	330	61	53	66	100	176	194	219	220	242	245	237	245	241	256	255	253	244	214	194	196
05/29/11	203	236	76	56	79	43	59	177	204	219	248	235	236	237	257	241	243	245	250	251	252	258	252	234
05/30/11	264	300	304	321	354	330	353	230	246	254	230	215	220	246	264	270	223	257	255	284	356	7	341	15
05/31/11	356	286	296	35	72	77	81	59	68	90	129	153	162	160	180	223	263	265	263	276	349	328	59	64

Hourly Averages

134 157 158 144 131 132 89 122 155 193 192 218 225 224 237 236 240 249 261 253 231 177 176 177

Total Number of Observations: 744 Possible Number of Observations: 744 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

WIND SPEED (m/s)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	1.3	1.5	2.3	2.5	2.5	0.9	1.5	1.0	1.1	1.8	2.0	2.3	4.3	5.2	4.3	5.2	4.3	4.6	4.3	2.0	0.6	0.8	1.0	1.3	5.2	0.6	2.4
06/02/11	0.9	0.9	0.8	2.1	3.4	1.6	2.0	0.6	1.3	1.9	2.5	4.1	4.8	4.6	4.7	5.0	5.0	4.4	4.1	3.2	0.8	0.9	1.6	1.7	5.0	0.6	2.6
06/03/11	1.7	2.5	1.9	1.3	1.2	3.1	3.6	3.1	1.6	1.9	4.3	4.7	4.4	6.0	4.7	4.2	4.0	4.6	4.0	2.6	1.1	1.9	1.0	1.4	6.0	1.0	2.9
06/04/11	1.4	2.5	2.6	2.8	2.2	5.7	3.7	3.4	2.4	4.3	5.2	4.3	4.0	4.4	5.3	5.0	4.6	4.0	3.9	2.6	1.4	1.9	1.8	1.7	5.7	1.4	3.4
06/05/11	1.1	2.1	1.1	1.2	1.7	2.5	4.5	2.2	1.4	1.8	2.0	3.2	3.7	4.1	4.5	4.6	4.9	4.4	4.1	2.8	1.2	0.7	1.1	1.0	4.9	0.7	2.6
06/06/11	0.3	0.8	1.3	2.3	2.0	1.5	2.0	1.2	5.0	6.0	6.1	7.1	7.5	6.3	6.8	6.8	5.9	5.9	5.1	3.4	0.8	0.6	0.9	2.0	7.5	0.3	3.7
06/07/11	2.1	1.3	1.1	1.4	0.9	2.5	2.3	0.9	1.2	1.7	3.6	4.6	5.0	4.9	4.4	4.3	4.4	3.8	3.4	2.3	1.1	1.1	2.1	2.3	5.0	0.9	2.6
06/08/11	1.1	1.1	1.2	1.4	0.6	0.4	1.6	1.9	1.5	3.2	3.9	5.0	6.3	5.9	5.6	6.0	6.2	5.3	5.0	3.7	1.4	1.0	1.0	1.9	6.3	0.4	3.0
06/09/11	1.3	0.8	0.7	1.1	1.6	0.5	0.1	0.3	1.2	1.7	2.7	3.0	3.4	3.5	4.4	4.8	4.5	4.6	4.2	2.9	2.0	0.9	0.9	0.9	4.8	0.1	2.2
06/10/11	0.5	0.7	0.8	0.3	0.7	0.6	1.3	0.6	1.3	1.7	2.7	3.1	4.1	3.2	3.9	3.9	3.8	4.1	4.8	2.8	0.9	0.7	0.8	1.1	4.8	0.3	2.0
06/11/11	1.1	1.4	0.9	1.6	2.3	4.3	5.0	2.3	3.5	4.5	5.0	3.9	4.6	4.4	4.7	4.8	4.8	4.3	4.0	2.2	1.6	3.0	2.7	2.0	5.0	0.9	3.3
06/12/11	1.7	0.5	1.9	1.8	1.7	1.6	1.4	2.0	3.2	4.1	5.3	5.1	5.2	5.4	5.0	5.8	5.3	6.1	6.0	4.5	1.7	1.0	1.3	0.5	6.1	0.5	3.3
06/13/11	0.9	1.3	1.9	2.5	2.5	0.9	3.8	2.5	1.4	3.3	3.7	4.1	4.8	5.2	5.9	5.2	5.5	5.0	3.8	3.0	1.7	0.3	0.5	0.4	5.9	0.3	2.9
06/14/11	0.6	0.3	0.9	0.5	0.6	1.3	3.1	1.8	1.4	1.7	2.7	3.2	3.9	3.8	3.5	4.1	4.3	4.5	3.7	2.8	1.5	0.5	1.1	1.1	4.5	0.3	2.2
06/15/11	0.6	0.6	0.8	0.8	2.1	0.8	0.6	0.6	1.2	1.6	2.5	3.2	4.0	4.3	5.0	4.8	5.1	4.6	4.2	2.8	1.1	0.2	0.5	1.6	5.1	0.2	2.2
06/16/11	1.8	1.5	1.1	1.8	1.9	1.9	2.3	1.9	4.9	5.1	4.4	5.5	6.6	6.7	6.1	6.7	6.1	5.4	4.5	3.5	1.3	0.8	0.8	1.2	6.7	0.8	3.5
06/17/11	1.3	1.3	1.4	1.7	1.7	2.0	1.8	2.3	4.3	4.4	4.5	4.8	5.8	5.1	5.9	6.6	6.1	5.6	5.0	3.7	1.4	1.1	1.6	1.1	6.6	1.1	3.3
06/18/11	1.3	1.4	1.7	1.8	2.2	2.8	1.5	2.0	1.8	3.4	4.2	3.6	4.6	5.3	5.2	5.9	5.8	5.0	3.9	1.3	1.1	1.3	0.6	6.1	0.6	3.1	
06/19/11	1.3	1.7	2.3	2.7	2.2	1.8	1.5	1.5	4.7	5.7	6.3	6.1	6.1	5.8	6.3	7.1	7.3	7.6	6.9	5.3	2.5	1.5	1.1	1.4	7.6	1.1	4.0
06/20/11	1.1	1.7	0.5	1.3	2.0	2.6	4.0	2.7	1.6	1.6	2.5	4.0	4.5	4.3	5.1	4.8	4.7	4.4	3.7	2.5	0.8	1.0	0.5	0.8	5.1	0.5	2.6
06/21/11	0.7	0.9	1.6	1.2	1.4	2.1	2.8	0.7	2.0	2.6	2.8	3.5	3.6	4.0	4.3	4.8	4.7	4.8	4.5	3.1	1.2	1.4	1.0	0.8	4.8	0.7	2.5
06/22/11	0.9	0.7	1.4	0.8	1.7	1.7	1.7	1.2	1.0	2.0	2.8	4.0	3.7	3.6	4.2	4.4	5.4	4.7	4.5	3.5	1.9	1.3	1.1	0.8	5.4	0.7	2.5
06/23/11	1.3	0.5	1.1	1.7	0.9	0.5	0.8	0.9	1.6	3.1	3.4	4.0	4.9	5.2	5.7	5.9	5.9	5.7	5.1	4.5	2.8	1.5	0.9	0.4	5.9	0.4	2.8
06/24/11	1.0	0.9	1.6	0.9	0.8	0.7	1.0	1.1	1.4	2.1	3.1	3.6	4.2	4.8	5.0	5.3	5.3	4.5	4.7	3.4	1.7	1.0	0.6	1.2	5.3	0.6	2.5
06/25/11	0.9	1.3	1.4	2.1	1.5	1.1	0.8	0.7	1.0	1.6	1.8	3.3	4.0	4.4	5.2	5.7	5.0	4.5	4.2	2.7	0.9	1.1	0.5	0.8	5.7	0.5	2.4
06/26/11	0.9	2.6	0.7	0.6	2.0	3.4	3.3	1.1	1.0	1.5	2.9	4.0	4.5	4.6	5.3	5.1	4.1	4.3	4.1	2.8	1.3	0.9	2.4	2.3	5.3	0.6	2.7
06/27/11	1.1	0.9	1.0	0.6	1.2	2.3	2.9	3.0	1.5	1.8	2.3	3.6	4.2	4.3	4.0	4.4	5.1	4.8	3.7	2.9	2.2	2.3	2.4	1.6	5.1	0.6	2.7
06/28/11	1.6	1.4	1.4	1.8	0.8	3.0	4.1	2.6	2.0	2.3	2.0	2.5	3.8	5.0	3.2	4.9	5.6	4.4	4.6	3.0	1.3	1.5	0.9	2.0	5.6	0.8	2.7
06/29/11	2.0	3.0	1.7	3.6	2.5	1.7	0.8	0.4	1.6	1.8	3.1	2.7	3.5	4.6	4.9	5.6	5.2	5.4	5.1	3.7	3.5	4.0	2.2	1.0	5.6	0.4	3.1
06/30/11	1.2	1.7	3.3	1.9	1.3	1.3	1.4	1.3	3.1	3.0	2.9	3.3	3.5	4.5	4.8	4.9	4.7	4.5	4.4	3.5	2.3	2.7	2.1	0.6	4.9	0.6	2.8

Hourly Averages																											
1.2	1.3	1.4	1.6	1.7	1.9	2.2	1.6	2.1	2.8	3.4	4.0	4.6	4.8	4.9	5.2	5.1	4.9	4.5	3.2	1.5	1.3	1.3	1.3				
Maximum Hourly Wind Speed: 7.6 Minimum Hourly Wind Speed: 0.1 Average Monthly Wind Speed: 2.8																											
Maximum 24-Hour Mean: 4.0 Minimum 24-Hour Mean: 2.0																											
Total Number of Observations: 720 Possible Number of Observations: 720 INV = Invalid Data ND = No Data Collection																											

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

WIND DIRECTION (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
06/01/11	59	56	47	51	57	317	49	91	146	230	238	248	276	253	250	260	245	239	267	241	135	197	43	22
06/02/11	45	347	338	57	60	59	47	153	202	247	248	250	255	244	262	265	256	269	268	271	303	52	59	42
06/03/11	46	49	48	27	34	53	68	88	182	220	159	148	201	232	244	236	241	214	237	273	356	63	99	67
06/04/11	146	58	65	73	48	77	79	113	177	145	179	199	210	240	273	274	259	235	273	277	352	21	65	36
06/05/11	38	45	2	28	35	56	74	102	206	165	226	240	265	274	248	260	268	256	278	285	329	244	7	313
06/06/11	13	86	60	67	101	72	76	100	174	194	220	222	215	225	231	245	238	249	263	270	296	37	35	51
06/07/11	49	43	27	14	253	60	77	88	246	278	173	209	223	224	254	266	263	251	263	291	332	345	51	52
06/08/11	78	76	351	41	14	8	52	79	46	230	231	225	207	215	221	238	247	263	259	273	281	313	66	52
06/09/11	30	284	345	305	42	26	338	181	219	220	202	200	210	291	279	265	256	257	275	285	322	307	45	341
06/10/11	214	314	281	21	29	7	63	122	221	234	249	269	225	281	254	251	251	256	260	274	339	283	28	27
06/11/11	8	359	46	38	47	63	73	125	186	167	173	228	222	222	256	246	234	238	215	263	1	48	44	46
06/12/11	57	62	54	57	61	66	66	119	183	178	180	227	241	224	223	233	227	231	241	248	283	69	61	62
06/13/11	43	53	56	46	60	37	61	80	184	191	168	175	230	218	246	252	253	239	247	282	316	57	260	347
06/14/11	307	351	10	320	7	26	59	83	276	167	205	238	239	240	254	247	247	244	248	271	316	18	353	302
06/15/11	346	18	320	26	36	307	17	114	221	251	232	269	270	253	239	251	262	246	237	264	323	344	43	64
06/16/11	63	54	28	71	67	67	48	118	180	211	222	220	220	231	234	242	234	239	253	272	290	356	82	148
06/17/11	80	317	10	52	40	58	97	136	184	212	221	232	222	226	238	250	248	259	257	271	276	300	310	360
06/18/11	41	56	65	64	59	61	61	76	64	228	233	219	227	253	253	244	232	252	243	267	286	48	52	260
06/19/11	55	89	111	111	115	63	85	178	208	211	218	234	245	250	262	254	263	263	274	276	285	318	14	56
06/20/11	25	49	30	49	43	61	73	103	260	260	257	259	265	257	262	265	268	247	268	266	326	336	338	326
06/21/11	318	316	6	26	359	50	43	322	234	190	189	273	236	236	285	248	256	257	259	264	306	34	360	287
06/22/11	321	326	249	19	37	18	32	148	222	215	275	268	266	263	259	266	246	250	258	273	310	358	50	40
06/23/11	325	347	345	5	286	359	331	91	253	276	267	238	244	255	260	271	261	273	275	277	294	293	307	305
06/24/11	35	305	35	9	310	337	20	112	179	207	256	272	265	260	243	273	270	268	263	278	344	324	51	47
06/25/11	27	37	40	24	349	48	13	156	223	279	195	263	257	262	273	252	273	276	264	280	332	2	243	271
06/26/11	331	6	330	340	52	58	53	218	206	229	260	273	260	277	275	265	266	257	275	285	325	14	15	19
06/27/11	250	274	8	242	305	51	84	99	303	238	176	267	267	243	256	248	253	261	279	292	335	17	7	4
06/28/11	316	260	36	48	41	71	89	105	242	240	264	258	274	259	256	257	265	271	274	278	5	25	16	355
06/29/11	46	210	321	344	354	11	31	198	260	282	264	198	256	241	259	261	249	238	240	240	239	254	268	90
06/30/11	268	93	163	164	242	238	242	137	200	232	241	255	259	271	272	261	273	265	273	328	18	344	330	

Hourly Averages	133	165	128	91	118	93	83	128	203	221	221	236	242	247	254	255	253	252	259	272	285	170	124	157
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Total Number of Observations:	720	Possible Number of Observations:	720	INV = Invalid Data	ND = No Data Collection
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APPENDIX KC2-B
HOURLY SIGMA THETA DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
APRIL 2011

SIGMA THETA (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
04/01/11	47	102	39	68	59	54	44	60	60	63	23	28	65	65	77	40	47	20	22	15	15	23	47	41
04/02/11	29	16	22	42	51	43	22	10	28	30	35	38	47	35	29	22	17	17	16	22	55	52	39	37
04/03/11	38	29	26	34	47	61	40	18	12	26	23	24	24	21	25	20	20	14	13	10	18	26	28	22
04/04/11	19	32	36	19	14	22	29	69	36	41	49	22	73	49	57	31	58	22	16	15	31	57	69	48
04/05/11	67	29	12	55	20	71	32	68	54	30	50	56	33	31	51	20	18	14	12	18	15	7	11	9
04/06/11	12	16	27	16	18	27	28	42	34	33	67	30	26	31	87	60	57	20	32	29	23	24	19	25
04/07/11	29	34	30	50	73	33	28	20	42	22	20	17	26	28	20	19	18	17	13	14	18	16	23	51
04/08/11	43	26	44	49	27	29	60	46	60	17	17	23	25	19	16	15	15	13	15	17	21	25	24	15
04/09/11	15	16	13	13	32	49	50	21	19	18	23	25	28	37	78	48	30	30	15	24	22	29	49	51
04/10/11	28	63	19	18	44	59	14	17	27	34	25	30	34	29	22	18	17	22	14	45	3	41	12	23
04/11/11	44	52	54	59	68	77	87	40	72	23	72	67	40	34	62	26	34	51	27	10	17	30	71	41
04/12/11	67	20	57	59	22	68	33	63	33	58	20	39	18	30	23	29	19	18	14	20	48	15	16	38
04/13/11	53	16	14	38	17	13	9	80	33	56	35	50	32	24	20	25	26	18	18	11	11	16	34	30
04/14/11	44	31	28	38	13	16	16	71	43	74	51	27	34	25	26	20	20	17	13	21	42	43	29	44
04/15/11	62	62	93	76	13	43	67	93	54	89	41	22	27	48	34	84	43	23	22	57	10	47	35	39
04/16/11	27	32	42	45	52	26	39	44	39	42	53	50	30	40	35	26	22	17	12	52	30	26	36	16
04/17/11	47	15	10	40	11	11	38	32	47	38	60	50	32	22	26	18	20	20	12	18	16	50	51	40
04/18/11	26	28	53	41	38	22	19	16	63	21	33	24	35	25	24	21	21	21	13	11	38	20	41	25
04/19/11	15	15	23	61	41	42	17	15	29	38	41	39	29	25	28	26	25	24	18	12	38	16	18	12
04/20/11	16	38	22	21	18	13	11	13	59	47	31	33	37	20	25	28	21	33	22	24	66	31	35	19
04/21/11	18	45	30	15	18	15	26	30	48	67	58	31	53	40	28	22	31	21	13	13	14	44	53	19
04/22/11	36	33	69	39	14	26	67	27	33	24	30	26	30	22	25	20	16	18	12	15	11	8	40	58
04/23/11	47	39	38	46	17	15	68	72	26	21	22	35	21	25	19	21	21	20	15	20	27	33	46	51
04/24/11	74	33	51	26	56	20	29	37	35	32	26	24	22	21	24	19	18	14	13	11	13	15	18	21
04/25/11	17	22	37	19	10	16	17	39	82	73	43	43	30	22	22	19	18	18	15	9	18	17	18	18
04/26/11	16	33	46	35	39	15	46	26	19	24	32	27	19	24	19	16	15	17	14	13	13	31	26	17
04/27/11	25	33	41	81	38	27	11	12	20	40	44	64	79	35	36	48	29	24	19	20	15	37	41	52
04/28/11	30	50	43	36	33	35	9	11	39	64	23	53	56	33	24	20	21	21	13	16	34	15	16	13
04/29/11	22	64	44	31	25	37	62	28	19	17	17	19	19	19	19	16	15	14	12	57	41	25	42	
04/30/11	32	14	18	9	13	33	12	19	33	90	86	27	29	26	21	21	21	16	15	12	20	28	72	27

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

SIGMA THETA (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
05/01/11	22	15	14	10	12	11	14	11	17	26	60	46	73	70	90	47	29	35	27	25	22	16	13	13
05/02/11	13	23	21	24	23	20	65	29	24	24	49	66	47	71	70	47	64	48	34	21	20	20	15	30
05/03/11	25	19	28	42	53	87	54	30	37	57	49	69	75	29	30	30	49	40	22	34	24	26	26	26
05/04/11	32	37	48	38	37	23	23	47	25	20	23	78	69	50	36	23	19	16	20	12	43	25	59	51
05/05/11	17	28	16	71	23	57	37	81	43	37	43	45	77	40	27	39	29	24	14	27	19	20	66	27
05/06/11	20	49	53	29	27	43	19	80	32	74	65	37	35	37	27	25	28	18	16	32	23	68	35	19
05/07/11	20	67	14	20	21	18	27	67	39	49	48	66	39	28	26	22	28	25	19	19	31	21	23	16
05/08/11	18	27	65	67	20	14	16	16	44	51	31	25	21	20	24	18	22	16	16	14	17	41	66	14
05/09/11	17	41	57	44	20	40	21	32	16	20	17	23	20	15	18	19	19	18	15	14	11	82	44	17
05/10/11	51	72	67	42	42	26	22	46	49	43	27	27	22	19	22	21	22	21	22	12	26	34	49	65
05/11/11	8	10	9	15	16	36	14	34	46	43	42	27	25	25	28	23	20	23	13	23	12	21	25	60
05/12/11	46	51	12	27	61	56	42	70	59	44	45	46	46	44	72	47	18	18	15	25	19	25	55	83
05/13/11	52	23	32	16	64	51	33	53	42	19	31	71	40	47	48	77	70	35	27	29	32	9	66	86
05/14/11	37	58	25	52	44	10	43	14	87	48	66	48	47	32	31	33	29	22	17	18	18	43	17	40
05/15/11	63	72	21	20	14	23	25	13	49	23	43	40	37	32	25	20	25	16	15	16	23	70	33	29
05/16/11	26	45	56	34	17	21	42	27	39	36	28	23	21	27	25	23	24	22	17	13	16	19	19	35
05/17/11	50	38	38	48	48	40	31	71	31	25	26	25	27	24	21	21	22	14	16	13	16	35	8	11
05/18/11	15	18	63	37	46	33	19	28	19	22	16	18	18	19	19	15	19	16	31	42	44	72	32	33
05/19/11	33	31	41	52	52	55	20	17	41	35	45	36	26	28	37	29	29	21	20	17	44	12	11	11
05/20/11	10	14	15	16	34	46	20	32	58	37	25	24	30	26	23	33	24	19	19	25	30	19	41	30
05/21/11	58	51	41	53	55	51	54	34	36	59	65	32	50	76	53	41	25	20	19	17	35	33	23	19
05/22/11	44	36	13	35	29	24	9	22	52	46	57	69	33	30	36	28	33	19	25	21	34	25	67	30
05/23/11	18	26	60	48	33	17	31	28	43	25	34	38	24	24	29	31	26	18	18	11	20	11	14	12
05/24/11	18	24	51	34	19	15	21	42	28	38	61	66	32	22	24	25	29	18	21	14	31	53	25	55
05/25/11	45	25	31	37	31	51	24	80	23	42	76	78	48	40	39	35	26	22	21	15	15	25	23	38
05/26/11	19	25	20	20	41	24	37	48	50	67	65	31	30	26	23	18	20	15	14	10	20	16	30	23
05/27/11	11	12	29	28	37	39	11	18	34	79	55	35	26	25	28	24	23	21	17	16	20	28	14	16
05/28/11	30	19	29	40	49	44	13	41	35	29	21	23	23	18	21	17	23	17	14	11	12	26	19	19
05/29/11	56	39	34	16	31	50	25	44	18	28	21	24	28	26	20	20	17	17	15	11	11	13	28	
05/30/11	29	26	39	34	35	62	64	39	55	54	57	49	38	39	40	30	39	41	22	22	24	28	48	19
05/31/11	32	23	38	35	23	19	23	37	38	26	27	47	37	39	51	28	25	17	11	20	42	29	42	14

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

SIGMA THETA (degrees)

Day	Hour																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
06/01/11	26	14	11	10	11	44	66	53	49	20	74	39	25	23	27	18	26	31	12	22	54	67	47	40
06/02/11	15	48	36	12	20	58	12	26	45	55	52	38	24	26	36	22	26	24	16	17	13	35	12	22
06/03/11	9	8	10	33	13	14	12	20	36	46	30	25	39	19	35	36	32	29	23	35	56	17	41	36
06/04/11	63	14	17	21	44	10	20	49	46	29	25	33	46	34	20	24	24	39	14	19	36	40	49	31
06/05/11	29	39	67	33	52	14	13	32	37	47	52	51	32	28	29	26	29	23	21	16	23	55	51	59
06/06/11	23	52	33	19	20	44	22	33	17	19	21	19	18	22	28	20	25	16	14	12	33	47	41	10
06/07/11	9	22	34	19	61	29	32	29	67	55	30	37	32	30	36	25	30	29	33	15	30	68	10	17
06/08/11	56	56	84	15	39	30	28	15	62	34	24	20	25	24	31	22	21	19	16	12	17	34	56	21
06/09/11	42	31	58	47	26	18	9	31	41	77	81	77	52	48	31	25	26	23	16	15	11	45	16	46
06/10/11	58	29	34	34	24	33	12	57	70	48	42	51	60	40	59	44	35	27	17	18	18	45	58	70
06/11/11	38	27	56	18	16	12	11	43	21	23	23	48	34	40	26	33	32	28	24	44	26	9	15	21
06/12/11	18	38	20	30	49	17	19	44	27	21	31	25	34	30	38	31	32	29	16	16	24	49	36	39
06/13/11	49	21	16	15	15	25	14	15	44	46	38	45	28	37	21	27	24	22	30	12	28	47	42	20
06/14/11	31	29	45	30	33	43	15	27	54	38	42	59	43	46	55	31	29	21	22	17	35	29	61	38
06/15/11	31	22	57	47	12	39	45	56	41	54	45	51	30	49	34	24	22	23	25	28	18	32	26	23
06/16/11	19	26	53	29	24	19	12	39	23	17	22	23	22	24	25	24	29	22	23	11	49	66	41	66
06/17/11	36	64	59	21	49	38	18	37	17	26	23	19	27	37	27	22	22	18	20	11	12	22	24	35
06/18/11	20	22	23	22	21	12	18	29	64	40	23	29	39	24	27	22	23	17	21	13	20	24	15	45
06/19/11	55	32	20	17	48	22	32	56	18	16	20	23	18	23	19	19	17	16	13	12	18	19	61	17
06/20/11	61	15	20	11	41	20	16	45	82	49	88	33	34	42	25	23	24	28	22	13	19	22	13	39
06/21/11	40	54	41	50	58	29	13	58	20	39	37	30	47	49	40	25	29	18	16	12	40	24	33	35
06/22/11	50	28	77	30	16	59	38	59	51	35	35	25	37	34	30	27	22	21	19	12	15	55	14	20
06/23/11	19	28	21	35	68	26	56	24	44	22	25	31	26	31	25	22	21	19	15	10	18	25	19	23
06/24/11	21	62	21	25	47	50	65	38	52	62	35	28	31	31	29	23	23	18	17	16	27	60	33	32
06/25/11	20	7	18	24	95	39	36	62	51	36	59	37	33	28	23	25	26	20	18	16	35	50	19	18
06/26/11	19	58	30	20	14	8	10	78	41	42	43	25	29	35	27	29	35	28	22	21	20	28	19	55
06/27/11	37	64	29	37	77	63	29	49	31	46	71	34	28	32	39	30	32	20	14	19	18	19	24	58
06/28/11	80	48	22	67	47	19	20	66	84	44	41	47	46	19	38	28	14	23	14	12	46	61	52	81
06/29/11	71	62	31	17	24	62	64	17	57	72	45	86	36	34	22	20	22	28	22	22	16	16	16	39
06/30/11	87	49	42	50	52	46	66	64	33	26	35	36	41	31	27	22	22	21	17	15	28	17	71	28

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC2-C

HOURLY DIFFERENTIAL TEMPERATURE DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
APRIL 2011

10-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	25.4	24.6	23.5	22.9	22.9	21.7	21.5	21.3	23.0	26.1	27.2	28.7	29.9	30.8	31.7	32.2	32.0	31.5	30.3	29.1	28.1	27.1	26.5	25.0	32.2	21.3	26.8
04/02/11	25.3	24.9	24.8	24.1	23.0	22.3	21.9	23.0	24.6	26.0	27.0	27.8	28.7	29.3	30.0	30.2	30.1	28.9	27.4	26.4	25.5	24.7	24.2	23.1	30.2	21.9	26.0
04/03/11	22.1	21.5	20.6	20.4	19.9	19.3	18.4	18.1	18.8	19.8	20.9	21.6	22.4	23.3	23.7	24.1	24.2	23.6	22.7	21.5	20.5	20.0	19.4	19.1	24.2	18.1	21.1
04/04/11	18.9	18.6	17.8	16.7	15.3	14.9	14.2	14.2	14.6	15.7	16.8	18.2	19.8	21.0	22.5	23.5	23.7	23.8	22.5	21.2	20.5	19.5	18.2	18.8	23.8	14.2	18.8
04/05/11	18.0	17.3	17.8	16.8	17.6	16.4	16.8	16.9	19.3	21.0	22.7	24.5	25.6	26.4	26.8	27.2	26.3	25.5	24.5	23.7	23.1	22.4	22.3	21.7	27.2	16.4	21.7
04/06/11	21.2	20.9	20.3	20.1	19.8	18.9	18.6	18.8	21.4	22.3	22.7	23.3	22.6	19.3	17.7	18.3	19.0	19.4	19.8	20.0	19.9	19.5	19.2	18.7	23.3	17.7	20.1
04/07/11	18.1	17.5	16.7	16.1	15.8	15.5	15.0	15.4	16.3	17.3	17.9	19.0	20.1	20.6	21.2	21.9	22.0	21.8	21.2	20.3	19.2	18.3	17.1	16.4	22.0	15.0	18.4
04/08/11	15.5	14.5	13.9	13.6	13.6	13.1	12.7	12.4	13.5	15.5	16.4	16.7	17.2	17.7	17.7	17.4	17.1	15.9	14.7	13.8	13.0	12.2	11.7	17.7	11.7	14.8	
04/09/11	11.0	10.5	10.0	9.8	7.9	5.2	4.7	4.0	3.3	2.6	2.2	2.6	2.6	2.8	3.1	3.5	3.9	4.9	4.7	4.4	4.5	4.4	4.4	3.9	11.0	2.2	5.0
04/10/11	3.9	3.6	3.6	3.8	3.4	2.4	3.3	3.7	5.3	7.2	8.3	9.0	9.8	10.9	12.0	12.8	13.1	13.4	12.9	12.1	11.6	11.4	10.6	10.4	13.4	2.4	8.3
04/11/11	9.6	9.4	9.7	9.6	9.8	10.5	11.2	13.2	14.1	15.6	16.9	18.6	20.2	21.9	22.9	23.5	23.8	24.1	24.0	22.5	21.6	21.7	20.8	18.9	24.1	9.4	17.3
04/12/11	17.5	18.0	16.4	16.3	16.4	16.5	16.2	16.2	18.0	19.8	19.8	20.6	21.2	21.4	21.9	22.3	22.5	22.3	21.8	20.8	20.0	19.3	18.2	18.1	22.5	16.2	19.2
04/13/11	16.7	16.7	16.3	15.5	15.8	15.3	15.1	14.8	17.1	18.8	20.5	21.2	21.7	22.0	22.0	22.5	22.8	22.3	20.7	19.4	18.5	17.0	16.5	22.8	14.8	18.7	
04/14/11	16.0	14.9	13.7	13.1	12.6	12.1	11.8	11.9	12.8	14.0	15.6	16.7	17.6	18.7	19.4	19.9	20.4	20.7	20.1	19.1	18.4	18.1	17.7	16.7	20.7	11.8	16.3
04/15/11	15.9	15.5	15.9	16.5	18.0	17.3	15.6	16.7	17.7	18.8	21.2	23.0	24.7	25.9	27.0	27.2	27.3	26.6	24.7	23.4	22.6	21.3	21.1	27.3	15.5	21.0	
04/16/11	20.1	20.0	19.5	19.5	19.4	19.4	19.0	20.6	21.5	24.0	25.7	26.9	27.5	27.9	28.3	28.7	29.0	28.8	27.9	26.6	26.1	25.5	24.4	24.4	29.0	19.0	24.2
04/17/11	24.3	24.2	24.1	22.7	22.2	22.0	21.1	22.6	23.9	25.2	26.3	27.3	28.1	28.7	29.2	29.2	29.6	29.2	28.6	27.2	26.3	25.3	24.4	23.3	29.6	21.1	25.6
04/18/11	22.7	21.7	21.2	20.4	19.6	18.7	19.3	20.6	21.7	23.2	24.1	25.1	25.9	26.5	27.2	27.8	28.1	27.6	26.7	25.4	23.9	22.9	22.1	21.0	28.1	18.7	23.5
04/19/11	20.2	19.7	19.2	18.3	17.8	17.6	17.3	18.0	19.1	20.3	21.5	22.4	23.1	24.1	24.8	25.2	25.5	25.3	24.8	23.7	22.8	22.5	21.4	21.0	25.5	17.3	21.5
04/20/11	20.2	19.8	19.3	18.8	18.2	17.7	17.6	18.8	20.2	21.6	22.9	23.8	24.4	24.8	25.1	25.6	26.0	25.9	25.6	24.6	23.8	23.2	22.5	22.1	26.0	17.6	22.2
04/21/11	21.5	20.8	19.8	19.3	18.3	18.5	17.5	18.9	19.9	21.0	22.2	23.1	23.9	24.8	25.4	25.9	26.3	26.5	25.7	24.3	23.1	22.2	20.9	20.4	26.5	17.5	22.1
04/22/11	20.4	19.9	18.9	18.8	18.4	18.1	17.6	19.3	20.5	21.5	22.1	23.1	23.9	24.4	24.9	25.5	25.8	25.7	24.9	23.7	23.2	22.7	22.0	21.1	25.8	17.6	21.9
04/23/11	20.6	19.8	19.8	18.9	18.7	18.5	17.8	18.2	19.5	20.2	21.3	22.5	23.5	23.9	24.1	24.4	24.7	24.5	23.9	22.7	22.2	21.6	20.8	20.1	24.7	17.8	21.3
04/24/11	19.4	18.1	17.6	17.1	16.2	16.2	16.1	16.6	17.9	19.1	20.5	21.0	21.9	22.6	23.4	24.2	23.9	23.4	22.1	21.3	20.6	19.9	19.0	18.3	24.2	16.1	19.8
04/25/11	17.5	16.8	15.9	15.2	14.5	14.3	14.1	15.1	16.4	17.8	19.3	20.4	21.5	22.2	22.5	22.9	23.1	23.4	23.0	22.0	21.1	20.6	20.4	20.3	23.4	14.1	19.2
04/26/11	19.7	19.1	18.0	17.3	16.8	16.3	15.7	16.5	17.3	18.2	19.6	20.7	21.7	22.6	23.7	24.6	25.1	24.7	23.8	22.7	21.7	20.4	19.8	19.0	25.1	15.7	20.2
04/27/11	18.6	18.0	17.7	16.4	15.7	14.8	14.5	15.2	16.3	16.8	18.2	20.2	21.8	23.0	24.1	24.9	25.3	25.1	24.0	22.6	22.3	21.8	21.0	20.4	25.3	14.5	19.9
04/28/11	19.3	19.3	18.8	18.7	19.0	18.4	19.1	20.1	22.1	23.6	24.8	25.5	26.5	27.2	27.6	27.9	28.1	27.4	26.0	25.1	24.7	24.4	24.1	28.1	18.4	23.6	
04/29/11	23.8	23.4	22.2	21.0	20.6	20.0	19.4	20.5	21.4	21.9	23.1	24.2	24.8	25.5	26.4	26.2	26.0	25.8	25.3	24.2	23.3	22.1	21.4	20.9	26.4	19.4	23.1
04/30/11	20.3	19.4	18.8	18.5	17.4	16.7	16.1	16.7	17.2	18.4	19.4	20.7	21.3	21.5	21.4	21.3	21.3	21.0	20.2	18.7	17.1	16.2	15.9	15.0	21.5	15.0	18.8

Hourly Averages

18.8 18.3 17.7 17.2 16.8 16.3 16.0 16.6 17.8 19.1 20.1 21.2 22.0 22.6 23.2 23.7 23.8 23.7 23.0 21.9 21.1 20.4 19.6 19.0

Maximum Hourly Temperature: 32.2

Minimum Hourly Temperature: 2.2

Average Monthly Temperature: 20.0

Maximum 24-Hour Mean: 26.8

Minimum 24-Hour Mean: 5.0

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
APRIL 2011

2-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	24.2	23.9	22.9	22.0	21.6	20.8	20.6	20.9	23.4	27.0	28.6	30.2	31.2	31.9	32.6	33.0	32.7	31.8	30.2	28.6	26.6	25.2	24.6	23.5	33.0	20.6	26.6
04/02/11	23.4	22.9	22.9	21.8	21.0	20.7	20.8	22.7	25.4	27.2	28.2	29.3	29.9	30.6	31.4	31.3	30.8	29.2	27.5	26.0	25.1	24.4	23.9	22.8	31.4	20.7	25.8
04/03/11	21.9	21.4	20.5	20.1	19.7	19.1	18.2	18.4	20.0	21.3	22.1	22.9	23.8	24.6	25.0	25.2	24.9	24.0	22.8	21.5	20.3	19.8	19.2	18.3	25.2	18.2	21.5
04/04/11	17.3	17.3	17.1	16.5	15.2	14.8	14.1	14.4	15.5	16.7	17.7	19.4	21.1	22.2	23.8	24.4	24.5	24.4	22.6	21.1	20.2	19.3	17.5	17.2	24.5	14.1	18.9
04/05/11	16.8	16.1	16.4	16.2	16.9	15.4	16.0	16.9	19.9	22.0	23.7	26.0	27.3	27.9	28.3	28.4	27.2	25.9	24.5	23.4	22.4	20.6	20.5	20.0	28.4	15.4	21.6
04/06/11	19.4	18.8	18.7	18.4	18.2	17.9	17.7	19.0	22.3	23.2	23.4	24.0	22.8	19.2	17.7	18.2	19.1	19.2	19.5	19.8	19.7	19.3	18.9	18.5	24.0	17.7	19.7
04/07/11	17.8	17.3	16.5	16.0	15.7	15.3	14.4	15.4	17.0	18.5	19.6	20.6	22.3	22.0	22.3	23.4	23.1	22.5	21.4	20.2	19.1	18.1	16.9	16.0	23.4	14.4	18.8
04/08/11	15.3	14.4	13.7	13.2	13.2	12.7	12.4	12.4	13.9	16.7	16.9	17.5	17.8	18.2	18.7	18.6	18.0	17.5	16.1	14.9	13.9	13.1	12.4	11.9	18.7	11.9	15.1
04/09/11	11.3	10.8	10.3	10.0	8.1	5.5	4.9	4.2	3.6	2.9	2.4	2.9	2.9	3.2	3.3	3.9	4.3	5.2	5.0	4.5	4.6	4.5	4.3	3.8	11.3	2.4	5.3
04/10/11	3.7	3.4	3.3	3.5	3.0	2.2	3.0	3.8	5.8	7.9	8.9	9.5	10.3	11.7	12.8	13.7	13.8	13.8	13.0	11.8	10.8	10.1	9.7	9.2	13.8	2.2	8.3
04/11/11	8.8	8.5	8.7	8.6	9.2	9.8	10.7	13.1	14.4	16.2	17.6	19.5	21.4	23.2	24.0	24.5	24.3	24.4	23.7	21.6	21.2	21.3	20.3	18.2	24.5	8.5	17.2
04/12/11	16.6	15.9	15.2	15.3	14.9	15.5	15.5	15.7	18.5	20.5	20.5	21.4	22.1	22.4	23.1	23.4	23.3	22.9	21.9	20.5	19.5	17.9	16.8	16.6	23.4	14.9	19.0
04/13/11	15.6	15.4	14.8	14.2	13.9	13.7	14.3	14.9	17.9	19.7	21.1	21.8	23.0	23.1	23.3	23.2	23.5	23.3	22.5	20.5	19.1	18.3	16.8	16.0	23.5	13.7	18.7
04/14/11	15.5	14.6	13.5	12.4	11.1	10.5	10.3	12.1	13.3	14.8	16.4	17.5	18.5	19.8	20.4	20.9	21.1	21.2	20.3	19.0	17.6	17.1	16.3	15.2	21.2	10.3	16.2
04/15/11	14.8	14.7	14.8	16.2	17.5	16.9	15.4	16.8	18.3	19.6	21.1	22.8	24.5	26.0	27.2	27.8	27.6	26.7	24.3	22.0	21.3	20.0	19.7	27.8	14.7	21.0	
04/16/11	18.9	19.0	18.1	18.0	17.6	17.6	17.7	20.6	21.9	24.6	26.5	27.9	28.4	28.8	29.2	29.6	29.7	29.2	27.9	26.0	25.1	23.8	23.0	22.6	29.7	17.6	23.8
04/17/11	22.1	21.2	21.0	20.8	20.2	20.4	20.1	22.8	24.7	26.2	27.3	28.6	29.3	29.9	30.5	30.1	30.4	29.7	28.6	26.8	25.1	24.5	23.9	22.7	30.5	20.1	25.3
04/18/11	21.8	20.7	20.3	19.6	19.0	17.5	18.5	21.0	22.3	24.4	25.7	26.8	27.5	27.8	28.6	29.1	29.0	28.0	26.7	25.2	23.5	22.5	21.8	20.6	29.1	17.5	23.7
04/19/11	19.8	19.5	18.9	17.5	17.1	16.6	16.5	18.6	20.0	21.6	22.7	23.7	24.1	25.2	26.0	26.3	26.3	25.9	25.0	23.5	22.1	21.2	20.3	19.7	26.3	16.5	21.6
04/20/11	19.2	18.8	18.1	17.4	17.0	16.6	17.0	19.4	20.9	22.7	24.4	25.2	25.8	25.9	26.1	26.8	27.1	26.4	25.8	24.3	23.4	22.1	21.2	20.6	27.1	16.6	22.2
04/21/11	20.1	19.4	18.6	17.5	16.9	16.8	16.8	19.3	20.6	22.0	23.4	24.6	25.3	26.0	26.6	27.1	27.2	27.1	25.9	24.2	22.7	21.6	20.5	19.6	27.2	16.8	22.1
04/22/11	19.7	18.8	18.2	17.4	16.8	17.2	16.9	19.7	21.4	23.0	23.3	24.6	25.2	25.7	26.1	26.5	26.6	26.3	25.0	23.5	22.9	22.2	20.9	19.9	26.6	16.8	22.0
04/23/11	19.8	18.6	19.1	17.6	16.9	17.2	17.0	18.3	20.0	21.0	22.7	24.2	25.4	25.2	25.2	25.6	25.7	25.1	24.1	22.6	21.8	21.0	20.4	19.7	25.7	16.9	21.4
04/24/11	18.9	17.5	17.1	16.6	15.5	15.3	15.6	17.1	19.0	20.6	21.8	22.3	23.5	23.9	25.0	25.5	24.7	23.9	22.3	21.3	20.6	19.8	18.7	18.0	25.5	15.3	20.2
04/25/11	17.4	16.6	15.7	15.0	13.8	13.7	13.6	15.5	17.1	18.7	20.3	21.4	22.7	23.5	23.9	23.9	23.9	23.2	21.9	20.8	20.4	20.2	20.0	23.9	13.6	19.4	
04/26/11	19.4	18.6	17.4	16.7	16.2	16.0	15.3	16.7	17.8	19.0	20.4	21.8	22.8	23.8	24.8	25.5	25.7	25.0	23.9	22.6	21.6	20.1	19.6	18.8	25.7	15.3	20.4
04/27/11	18.0	17.6	17.5	16.0	15.4	14.5	14.4	15.8	17.3	17.9	19.4	21.5	22.9	24.0	25.5	26.1	26.1	25.7	24.3	22.5	22.1	20.9	19.2	18.8	26.1	14.4	20.1
04/28/11	18.5	18.3	18.1	17.8	17.3	17.5	18.6	20.7	22.8	24.5	26.4	27.1	27.7	28.5	28.6	28.6	28.7	28.6	27.5	25.7	24.3	23.0	21.8	21.6	28.7	17.3	23.4
04/29/11	21.8	22.2	21.7	20.5	20.2	18.6	18.9	20.9	22.0	23.0	24.1	25.4	26.2	27.0	27.8	27.3	26.7	26.2	25.5	24.0	22.8	21.2	20.4	19.6	27.8	18.6	23.1
04/30/11	18.9	17.6	17.1	16.8	16.7	16.2	16.0	17.3	18.2	19.3	20.4	22.1	22.8	22.8	22.7	22.5	22.2	21.7	20.6	18.8	16.9	15.5	14.2	22.8	14.2	18.8	

Hourly Averages 17.9 17.3 16.9 16.3 15.9 15.4 16.8 18.5 20.1 21.2 22.4 23.3 23.8 24.3 24.7 24.6 24.2 23.1 21.7 20.6 19.7 18.8 18.1
Maximum Hourly Temperature: 33.0 **Minimum Hourly Temperature:** 2.2 **Average Monthly Temperature:** 20.0
Maximum 24-Hour Mean: 26.6 **Minimum 24-Hour Mean:** 5.3
Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

DIFFERENTIAL TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	1.201	0.715	0.586	0.871	1.284	0.952	0.887	0.473	-0.469	-0.946	-1.377	-1.504	-1.297	-1.087	-0.929	-0.800	-0.756	-0.373	0.160	0.478	1.484	1.831	1.809	1.563	1.831	-1.504	0.198
04/02/11	1.885	1.999	1.905	2.257	2.053	1.657	1.107	0.234	-0.811	-1.151	-1.273	-1.427	-1.278	-1.227	-1.406	-1.040	-0.657	-0.303	-0.023	0.335	0.344	0.353	0.241	0.212	2.257	-1.427	0.166
04/03/11	0.179	0.114	0.114	0.297	0.196	0.157	0.161	-0.347	-1.197	-1.481	-1.199	-1.266	-1.374	-1.330	-1.304	-1.064	-0.791	-0.409	-0.097	0.059	0.219	0.170	0.185	0.836	0.836	-1.481	-0.382
04/04/11	1.621	1.233	0.769	0.229	0.112	0.127	0.111	-0.196	-0.943	-1.083	-0.929	-1.241	-1.226	-1.214	-1.263	-0.950	-0.726	-0.513	-0.138	0.113	0.279	0.151	0.722	1.540	1.621	-1.263	-0.142
04/05/11	1.241	1.164	1.446	0.628	0.640	0.952	0.785	-0.033	-0.594	-0.971	-0.970	-1.509	-1.738	-1.414	-1.555	-1.171	-0.915	-0.423	-0.036	0.246	0.619	1.761	1.747	1.656	1.761	-1.738	0.065
04/06/11	1.761	2.122	1.564	1.660	1.625	0.954	0.844	-0.189	-0.827	-0.938	-0.679	-0.653	-0.207	0.013	0.070	0.069	-0.017	0.165	0.260	0.188	0.184	0.243	0.261	0.245	2.122	-0.938	0.363
04/07/11	0.244	0.256	0.221	0.144	0.090	0.171	0.630	0.030	-0.716	-1.206	-1.638	-1.671	-2.209	-1.361	-1.142	-1.442	-1.116	-0.672	-0.220	0.050	0.137	0.158	0.186	0.353	0.630	-2.209	-0.447
04/08/11	0.253	0.136	0.175	0.483	0.362	0.424	0.329	-0.064	-0.401	-1.202	-1.055	-1.074	-1.073	-1.074	-1.023	-0.898	-0.623	-0.406	-0.228	-0.124	-0.111	-0.100	-0.211	-0.283	0.483	-1.202	-0.324
04/09/11	-0.295	-0.264	-0.249	-0.201	-0.216	-0.288	-0.201	-0.258	-0.256	-0.310	-0.279	-0.302	-0.283	-0.373	-0.273	-0.419	-0.383	-0.340	-0.368	-0.141	-0.145	-0.084	0.064	0.068	0.068	-0.419	-0.242
04/10/11	0.151	0.236	0.299	0.305	0.439	0.257	0.358	-0.143	-0.561	-0.659	-0.686	-0.537	-0.557	-0.783	-0.807	-0.834	-0.705	-0.430	-0.100	0.248	0.824	1.321	0.926	1.176	1.321	-0.834	-0.011
04/11/11	0.806	0.909	0.961	0.967	0.634	0.623	0.504	0.155	-0.256	-0.556	-0.679	-0.876	-1.199	-1.314	-1.120	-0.990	-0.495	-0.238	0.224	0.832	0.480	0.407	0.531	0.727	0.967	-1.314	0.043
04/12/11	0.934	2.089	1.140	1.097	1.443	0.982	0.668	0.482	-0.470	-0.701	-0.654	-0.787	-0.887	-0.964	-1.150	-1.115	-0.872	-0.550	-0.087	0.205	0.453	1.462	1.420	1.471	2.089	-1.150	0.234
04/13/11	1.140	1.277	1.480	1.369	1.892	1.585	0.803	-0.076	-0.805	-0.910	-1.278	-1.340	-1.814	-1.435	-1.280	-1.139	-1.046	-0.460	-0.142	0.208	0.332	0.270	0.274	0.517	1.892	-1.814	-0.024
04/14/11	0.543	0.347	0.155	0.691	1.479	1.606	1.493	-0.221	-0.544	-0.816	-0.815	-0.840	-0.914	-1.068	-1.057	-0.975	-0.748	-0.519	-0.155	0.125	0.740	0.932	1.408	1.441	1.606	-1.068	0.095
04/15/11	1.128	0.782	1.035	0.323	0.481	0.322	0.241	-0.112	-0.640	-0.747	-1.259	-1.572	-1.527	-1.318	-1.349	-0.878	-0.616	-0.265	-0.058	0.353	1.416	1.291	1.362	1.413	1.416	-1.572	-0.008
04/16/11	1.260	1.017	1.475	1.528	1.816	1.808	1.219	0.018	-0.402	-0.547	-0.744	-1.013	-0.916	-0.887	-0.930	-0.875	-0.768	-0.419	0.030	0.537	1.034	1.690	1.384	1.775	1.816	-1.013	0.379
04/17/11	2.206	2.931	3.102	1.902	2.022	1.634	0.993	-0.219	-0.763	-0.976	-0.985	-1.271	-1.187	-1.259	-1.381	-0.974	-0.847	-0.471	-0.064	0.418	1.215	0.778	0.496	0.652	3.102	-1.381	0.331
04/18/11	0.868	0.990	0.881	0.808	0.568	1.230	0.780	-0.370	-0.599	-1.281	-1.600	-1.715	-1.603	-1.333	-1.426	-1.222	-0.985	-0.365	0.018	0.181	0.321	0.429	0.281	0.388	1.230	-1.715	-0.198
04/19/11	0.426	0.177	0.276	0.795	0.737	0.975	0.744	-0.540	-0.906	-1.252	-1.256	-1.290	-0.998	-1.157	-1.194	-1.174	-0.856	-0.602	-0.206	0.217	0.736	1.317	1.052	1.373	1.373	-1.290	-0.109
04/20/11	0.919	1.051	1.219	1.398	1.194	1.097	0.560	-0.575	-0.710	-1.134	-1.528	-1.385	-1.440	-1.087	-0.912	-1.198	-1.070	-0.540	-0.205	0.305	0.448	1.146	1.316	1.456	1.456	-1.528	0.014
04/21/11	1.375	1.353	1.238	1.772	1.374	1.704	0.674	-0.397	-0.725	-0.954	-1.159	-1.421	-1.359	-1.226	-1.197	-1.141	-0.930	-0.556	-0.189	0.180	0.437	0.667	0.340	0.788	1.772	-1.421	0.027
04/22/11	0.712	1.163	0.653	1.415	1.653	0.872	0.765	-0.424	-0.984	-1.511	-1.160	-1.476	-1.321	-1.341	-1.157	-1.074	-0.849	-0.538	-0.180	0.232	0.305	0.481	1.017	1.210	1.653	-1.511	-0.064
04/23/11	0.829	1.169	0.676	1.275	1.734	1.346	0.805	-0.135	-0.507	-0.796	-1.376	-1.693	-1.967	-1.358	-1.178	-1.170	-0.976	-0.652	-0.248	0.128	0.414	0.550	0.336	0.366	1.734	-1.967	-0.101
04/24/11	0.496	0.582	0.497	0.542	0.712	0.920	0.535	-0.451	-1.090	-1.519	-1.285	-1.312	-1.621	-1.359	-1.553	-1.249	-0.812	-0.509	-0.221	-0.036	0.015	0.053	0.218	0.309	0.920	-1.621	-0.339
04/25/11	0.161	0.176	0.190	0.190	0.717	0.568	0.467	-0.398	-0.687	-0.879	-0.992	-1.029	-1.223	-1.066	-1.013	-0.998	-0.803	-0.486	-0.228	0.119	0.271	0.198	0.191	0.230	0.717	-1.223	-0.264
04/26/11	0.348	0.464	0.610	0.576	0.594	0.349	0.363	-0.220	-0.525	-0.762	-0.866	-1.120	-1.105	-1.194	-1.081	-0.935	-0.607	-0.331	-0.086	0.093	0.172	0.301	0.171	0.137	0.610	-1.194	-0.194
04/27/11	0.548	0.368	0.184	0.371	0.307	0.264	0.107	-0.578	-1.019	-1.139	-1.192	-1.288	-1.118	-1.003	-1.460	-1.170	-0.754	-0.552	-0.292	0.125	0.176	0.879	1.726	1.616	1.726	-1.460	-0.204
04/28/11	0.804	0.914	0.684	0.875	1.681	0.955	0.459	-0.533	-0.692	-0.850	-1.555	-1.612	-1.209	-1.294	-1.052	-0.941	-0.808	-0.575	-0.133	0.293	0.802	1.741	2.605	2.487	2.605	-1.612	0.127
04/29/11	1.981	1.196	0.520	0.512	0.443	1.416	0.558	-0.394	-0.644	-1.051	-1.027	-1.184	-1.338	-1.424	-1.407	-1.057	-0.740	-0.495	-0.189	0.271	0.531	0.903	1.009	1.315	1.981	-1.424	-0.012
04/30/11	1.343	1.839	1.755	1.726	0.637	0.495	0.143	-0.542	-0.978	-0.840	-0.976	-1.380	-1.468	-1.351	-1.285	-1.206	-0.919	-0.706	-0.323	-0.076	0.184	0.723	0.438	0.871	1.839	-1.468	-0.079

Hourly Averages

0.902 0.950 0.852 0.894 0.957 0.870 0.596 -0.201 -0.691 -0.972 -1.082 -1.226 -1.249 -1.143 -1.127 -1.001 -0.773 -0.451 -0.117 0.205 0.477 0.734 0.784 0.930

Maximum Hourly Differential Temperature: 3.102

Minimum Hourly Differential Temperature: -2.209

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

10-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	14.7	14.7	14.3	13.7	13.4	13.3	13.1	13.5	14.3	15.6	16.4	17.2	18.1	18.7	19.5	20.2	19.9	20.2	19.9	18.9	18.2	17.4	16.9	16.6	20.2	13.1	16.6
05/02/11	16.3	15.8	15.3	15.0	14.4	13.7	13.7	14.8	15.7	16.7	17.8	19.5	20.7	21.7	22.8	23.4	23.7	24.0	23.6	22.7	22.0	21.5	21.4	20.7	24.0	13.7	19.0
05/03/11	19.7	18.9	18.7	18.2	17.4	16.6	17.5	18.5	19.7	21.1	22.7	23.9	24.9	25.9	26.6	27.2	27.7	28.0	27.8	27.1	25.8	25.4	24.9	24.4	28.0	16.6	22.9
05/04/11	23.7	23.4	23.1	22.7	22.4	22.2	22.0	23.1	23.8	24.9	26.2	27.6	28.8	30.0	30.4	30.0	29.7	29.3	28.7	27.6	26.6	25.9	24.2	24.1	30.4	22.0	25.8
05/05/11	24.6	23.4	23.4	22.4	22.7	22.0	22.4	21.8	25.1	27.1	28.4	29.6	30.6	30.9	31.2	31.2	31.1	30.6	30.0	28.8	28.2	27.9	25.7	25.2	31.2	21.8	26.8
05/06/11	25.2	24.7	24.3	24.0	23.4	22.3	22.1	22.9	24.8	26.5	27.7	28.8	29.7	30.1	30.4	30.3	30.5	30.3	29.8	28.8	28.3	26.7	25.6	25.6	30.5	22.1	26.8
05/07/11	25.4	23.9	24.2	23.6	23.0	22.3	22.4	23.7	24.8	26.3	27.7	28.8	29.9	30.3	30.4	30.6	30.5	30.7	30.3	28.8	28.0	27.2	26.2	25.5	30.7	22.3	26.8
05/08/11	24.1	23.5	23.0	21.7	21.6	20.9	20.3	21.4	22.7	24.2	25.8	26.8	27.9	28.6	29.3	29.4	29.3	28.8	27.7	26.2	24.8	23.5	22.5	21.3	29.4	20.3	24.8
05/09/11	20.3	19.5	18.9	18.6	18.5	17.2	15.3	15.2	15.8	16.1	17.1	18.5	19.2	19.7	20.0	20.8	20.6	19.9	18.8	18.0	17.0	16.3	15.9	20.9	15.2	18.2	
05/10/11	15.5	15.0	13.8	13.1	12.7	12.4	12.6	13.4	14.0	15.2	15.6	16.6	17.0	17.4	17.6	17.7	17.5	17.1	16.8	16.3	15.7	15.6	15.4	14.3	17.7	12.4	15.3
05/11/11	15.2	14.4	14.2	13.9	13.7	13.2	13.4	14.6	15.9	17.3	18.5	19.3	20.1	20.7	21.6	22.1	22.4	22.7	22.3	21.7	21.0	20.9	20.7	19.9	22.7	13.2	18.3
05/12/11	18.7	18.9	18.7	19.3	18.1	17.8	17.3	19.4	21.8	23.0	23.9	24.9	26.2	27.3	28.4	29.1	28.4	28.1	27.5	26.4	25.8	25.4	24.9	23.2	29.1	17.3	23.4
05/13/11	23.5	23.1	23.2	22.6	21.6	22.1	23.3	24.6	26.0	27.3	28.7	29.6	30.5	31.0	31.6	31.8	32.1	32.1	31.6	30.2	29.5	28.5	26.7	25.6	32.1	21.6	27.4
05/14/11	24.7	23.9	23.2	21.7	21.2	20.8	20.0	21.9	23.1	24.5	25.7	26.3	27.2	27.9	28.2	28.5	28.8	28.8	28.1	26.9	25.8	24.9	24.3	23.6	28.8	20.0	25.0
05/15/11	22.8	22.3	21.5	20.8	20.6	20.0	20.4	21.6	22.9	23.9	24.9	26.1	27.2	28.1	28.8	29.4	29.2	28.7	27.7	26.0	24.3	22.9	22.0	21.0	29.4	20.0	24.3
05/16/11	20.7	20.2	18.8	18.4	17.9	17.5	17.5	18.5	19.7	21.1	22.6	23.5	24.4	25.2	26.2	26.8	26.5	25.7	24.8	23.1	21.4	20.2	18.8	18.1	26.8	17.5	21.6
05/17/11	17.3	16.3	15.7	15.3	15.1	14.6	14.4	15.3	16.3	17.4	18.2	19.0	19.8	20.5	21.0	20.9	21.1	20.6	20.1	19.0	18.3	17.8	17.4	17.2	21.1	14.4	17.9
05/18/11	16.9	16.6	15.5	14.9	14.5	14.6	14.8	15.0	15.3	15.5	15.4	15.9	16.8	17.8	18.3	19.1	19.0	17.7	15.4	14.4	14.6	13.5	11.8	12.0	19.1	11.8	15.6
05/19/11	12.4	11.8	11.0	11.2	10.5	10.3	10.6	11.2	12.0	12.9	14.1	14.9	16.1	17.1	18.1	18.5	19.0	18.8	18.7	18.1	17.6	17.1	16.7	16.3	19.0	10.3	14.8
05/20/11	16.2	16.1	15.9	15.5	14.4	14.2	14.2	15.5	16.9	18.3	19.3	20.1	20.9	22.0	22.8	23.3	23.5	23.6	23.5	22.8	22.0	21.5	21.2	21.1	23.6	14.2	19.4
05/21/11	20.5	20.0	19.5	19.0	19.4	18.3	18.0	19.9	21.7	23.3	24.6	25.5	25.8	26.6	27.4	28.0	27.9	27.7	27.2	26.1	25.3	24.9	23.3	22.8	28.0	18.0	23.4
05/22/11	22.3	21.5	21.6	20.6	20.2	19.9	19.8	21.4	22.6	23.9	24.7	25.7	26.5	27.2	27.5	27.8	27.8	27.9	27.8	26.8	25.8	25.1	23.7	22.5	27.9	19.8	24.2
05/23/11	22.0	21.4	20.3	20.3	19.7	19.2	19.2	20.2	21.1	22.1	23.0	24.2	25.2	26.3	26.7	27.3	27.8	27.7	26.5	25.2	24.3	23.2	22.5	21.4	27.8	19.2	23.2
05/24/11	20.3	19.2	18.3	17.8	17.4	17.0	17.1	18.3	19.2	19.6	20.2	21.9	22.9	23.9	24.3	24.9	25.3	25.2	25.0	24.1	23.4	23.0	22.8	21.1	25.3	17.0	21.3
05/25/11	21.0	20.4	19.8	19.2	19.9	19.6	20.0	22.0	23.4	25.1	26.1	27.0	28.0	28.9	29.6	30.0	29.9	29.8	29.3	28.1	27.4	26.5	25.8	25.0	30.0	19.2	25.1
05/26/11	23.9	24.4	23.9	23.7	23.2	22.8	22.8	23.9	25.0	26.2	27.9	28.5	29.3	29.7	30.3	30.7	31.3	31.2	30.6	29.1	28.0	27.4	26.6	26.0	31.3	22.8	26.9
05/27/11	25.7	25.2	24.5	23.9	23.4	22.0	22.5	24.0	25.5	26.8	27.9	29.1	30.0	30.8	31.4	32.3	32.3	32.2	31.6	30.4	29.7	28.9	28.2	27.8	32.3	22.0	27.8
05/28/11	27.4	26.7	26.1	24.9	23.9	23.4	23.2	24.7	26.0	27.7	28.9	29.8	30.1	30.9	31.9	32.6	32.7	32.6	32.3	31.1	29.8	28.6	27.0	26.1	32.7	23.2	28.3
05/29/11	25.2	24.0	23.0	22.4	22.5	21.8	21.7	22.4	23.6	24.0	24.4	25.3	26.1	27.3	27.5	27.3	27.0	26.0	23.8	22.6	21.1	19.4	17.7	27.5	17.7	23.9	
05/30/11	16.6	15.6	15.0	14.5	14.1	13.5	13.3	14.7	15.8	17.2	18.4	19.6	20.8	22.0	22.7	23.2	23.6	23.8	23.6	22.9	22.2	21.6	19.8	19.9	23.8	13.3	18.9
05/31/11	19.2	18.8	18.9	19.4	19.2	19.6	21.2	23.4	25.1	26.6	27.8	28.9	29.7	31.0	32.0	32.3	31.4	30.8	30.2	29.4	28.5	28.1	26.5	25.6	32.3	18.8	26.0

Hourly Averages

20.7	20.1	19.6	19.1	18.7	18.2	18.3	19.4	20.6	21.9	22.9	23.9	24.8	25.7	26.3	26.7	26.7	26.5	25.9	24.8	24.0	23.2	22.2	21.5		
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Maximum Hourly Temperature: 32.7 **Minimum Hourly Temperature:** 10.3 **Average Monthly Temperature:** 22.6

Maximum 24-Hour Mean: 28.3

Minimum 24-Hour Mean: 14.8

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

2-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	14.0	14.5	14.1	13.4	13.2	13.0	12.9	13.8	15.1	16.7	17.6	18.2	19.3	19.8	20.8	21.3	20.7	20.8	20.2	18.9	18.1	17.3	16.7	16.4	21.3	12.9	16.9
05/02/11	16.1	15.6	15.2	14.8	14.1	13.5	13.5	15.3	16.5	17.8	18.8	20.8	22.0	22.9	23.9	24.4	24.5	24.4	23.8	22.6	21.9	21.4	21.2	20.4	24.5	13.5	19.4
05/03/11	19.5	18.7	18.5	18.0	17.2	16.2	17.4	18.8	20.5	22.0	23.7	25.3	26.3	27.5	27.9	28.3	28.6	28.6	27.9	26.7	25.6	25.2	24.7	24.2	28.6	16.2	23.2
05/04/11	23.6	23.2	22.9	22.5	22.2	22.0	21.8	23.3	24.3	26.0	27.3	28.5	29.5	31.5	31.4	30.5	30.2	29.6	28.5	27.2	24.9	24.0	22.8	22.1	31.5	21.8	25.8
05/05/11	22.1	21.4	21.5	20.7	21.4	21.0	20.9	22.1	25.6	28.2	29.5	31.1	31.9	31.8	32.1	32.1	31.9	31.0	30.0	28.5	27.4	27.1	24.9	24.5	32.1	20.7	26.6
05/06/11	23.4	22.9	22.1	21.7	21.3	20.2	20.4	23.1	25.4	27.2	28.5	29.7	30.9	31.3	31.6	31.3	31.3	30.8	29.9	28.4	27.3	26.0	24.8	24.0	31.6	20.2	26.4
05/07/11	23.6	21.9	22.2	21.4	21.2	21.3	21.8	24.2	25.5	27.1	28.9	29.9	31.3	32.0	31.9	31.9	31.5	31.4	30.5	28.6	26.8	25.7	24.2	23.3	32.0	21.2	26.6
05/08/11	22.8	21.9	21.7	20.3	19.9	18.7	19.5	22.0	23.6	25.4	27.5	28.9	29.7	30.6	30.8	30.7	30.2	29.3	27.9	26.2	24.6	23.3	22.3	21.2	30.8	18.7	25.0
05/09/11	20.3	19.4	18.7	18.1	18.4	17.2	15.5	15.7	16.4	16.8	18.2	20.0	20.8	20.9	21.2	21.9	21.8	21.2	20.2	18.9	17.9	16.8	16.1	15.1	21.9	15.1	18.6
05/10/11	15.0	14.3	13.4	12.7	12.0	11.6	12.4	14.0	14.8	16.3	16.7	18.0	18.3	18.5	18.7	18.8	18.4	17.8	17.2	16.4	15.6	15.4	14.7	13.7	18.8	11.6	15.6
05/11/11	13.7	13.7	13.8	13.4	12.9	12.3	12.8	15.2	16.7	18.1	19.4	20.4	21.2	21.9	22.6	23.2	23.2	23.2	22.7	21.6	20.9	20.1	19.9	19.3	23.2	12.3	18.4
05/12/11	17.8	17.7	17.4	17.3	16.8	16.9	16.4	19.8	22.3	23.7	25.0	25.7	27.1	28.7	29.6	30.0	29.2	28.7	27.8	26.3	25.1	23.7	24.0	22.5	30.0	16.4	23.3
05/13/11	22.2	21.7	21.1	20.8	21.3	22.7	24.9	26.9	28.7	30.1	30.7	32.3	32.6	33.0	33.0	33.0	32.9	32.9	32.0	30.0	28.8	26.5	25.8	25.2	33.0	20.8	27.4
05/14/11	24.3	23.5	22.8	21.2	20.1	19.1	19.5	22.6	23.8	25.4	26.9	27.6	28.9	29.8	29.4	30.1	29.9	29.7	28.6	26.8	25.5	24.3	23.1	22.3	30.1	19.1	25.2
05/15/11	22.1	21.7	20.1	19.9	19.9	19.0	19.6	22.3	24.1	25.5	26.6	27.8	29.3	30.1	30.5	31.1	30.4	29.5	28.1	25.9	24.1	22.5	21.3	20.5	31.1	19.0	24.6
05/16/11	19.6	19.2	18.0	17.5	16.9	16.7	17.1	19.2	20.7	22.5	24.4	25.3	26.1	26.9	28.0	28.4	27.7	26.7	25.2	23.1	21.4	20.1	18.6	17.9	28.4	16.7	22.0
05/17/11	17.1	16.0	15.5	15.3	15.0	14.3	14.3	15.8	17.0	18.2	19.4	20.3	21.3	21.8	22.4	22.0	21.9	21.2	20.5	19.1	18.4	17.7	16.8	16.5	22.4	14.3	18.2
05/18/11	16.1	15.9	15.3	14.6	14.5	14.8	15.1	15.5	16.0	16.0	15.9	16.3	17.3	18.5	18.9	19.9	19.4	17.9	15.5	14.5	14.5	13.5	12.0	12.1	19.9	12.0	15.8
05/19/11	12.5	11.9	11.0	11.2	10.6	10.3	10.7	11.6	12.6	14.1	15.3	16.0	17.3	18.1	19.1	19.4	19.8	19.1	18.9	17.9	16.8	15.8	15.5	15.1	19.8	10.3	15.0
05/20/11	14.8	14.3	14.0	13.4	12.8	12.6	13.8	16.0	17.6	19.1	20.3	21.3	22.2	23.2	24.1	24.5	24.5	24.3	23.9	22.7	21.3	20.2	19.8	20.2	24.5	12.6	19.2
05/21/11	19.0	18.4	18.1	17.9	18.5	17.0	17.0	20.4	22.4	24.5	25.9	26.7	27.0	27.8	28.6	29.2	28.9	28.5	27.6	26.0	24.9	23.3	22.2	21.4	29.2	17.0	23.4
05/22/11	21.1	20.2	19.5	19.6	18.9	18.2	19.2	22.0	23.2	24.7	25.9	27.1	27.8	28.6	28.9	29.1	28.7	28.2	26.7	25.1	23.9	22.7	22.1	29.1	18.2	24.2	
05/23/11	20.4	20.2	19.7	19.3	18.0	17.6	18.2	20.7	21.8	23.6	24.1	25.8	26.5	28.6	28.9	28.8	28.3	26.7	25.1	24.2	23.2	22.6	21.5	28.9	17.6	23.4	
05/24/11	20.2	19.0	18.1	17.5	16.3	15.9	17.0	18.9	20.2	20.9	21.4	23.1	23.8	25.0	25.9	26.1	25.9	25.5	25.1	23.9	23.0	22.0	22.1	20.6	26.1	15.9	21.6
05/25/11	20.1	19.7	18.9	18.5	18.7	17.8	18.7	22.3	24.1	25.9	26.9	28.0	28.9	30.4	30.9	31.4	31.2	30.2	29.5	27.7	27.0	24.8	24.0	23.4	31.4	17.8	25.0
05/26/11	22.7	22.6	22.2	21.4	21.0	20.6	21.5	24.2	25.4	26.7	29.3	29.2	30.3	30.5	32.0	32.3	31.8	31.3	30.5	28.7	27.4	25.7	25.1	23.3	32.3	20.6	26.5
05/27/11	22.7	22.3	22.6	21.9	20.9	20.6	22.0	24.6	26.3	27.7	28.9	30.0	30.9	32.1	32.8	33.4	33.2	32.8	31.9	30.3	29.1	27.1	26.4	25.7	33.4	20.6	27.3
05/28/11	25.7	26.2	25.4	23.7	22.5	21.9	22.7	25.3	26.9	29.3	30.6	31.5	31.5	32.1	33.4	33.6	33.6	33.2	32.6	31.1	29.7	28.4	26.8	25.8	33.6	21.9	28.5
05/29/11	24.9	23.8	22.5	21.5	21.6	21.1	21.2	23.1	24.8	25.6	25.5	26.8	27.6	28.9	28.5	28.8	28.4	27.8	26.5	24.0	22.7	21.2	19.5	17.8	28.9	17.8	24.3
05/30/11	16.6	15.6	14.9	14.5	13.8	13.2	13.3	15.1	16.4	18.0	19.5	20.8	22.2	23.3	23.9	24.1	24.8	24.5	24.2	23.1	22.1	21.0	19.2	18.5	24.8	13.2	19.3
05/31/11	18.1	17.8	18.0	18.3	17.9	19.0	20.9	23.8	25.8	27.7	29.2	30.7	31.4	32.7	33.5	33.3	31.9	31.0	30.2	29.0	27.5	26.6	25.1	24.6	33.5	17.8	26.0

Hourly Averages 19.7 19.2 18.7 18.1 17.7 17.2 17.7 19.8 21.4 22.9 24.1 25.2 26.2 27.0 27.6 27.8 27.6 27.1 26.2 24.7 23.5 22.4 21.4 20.7

Maximum Hourly Temperature: 33.6 Minimum Hourly Temperature: 10.3 Average Monthly Temperature: 22.7

Maximum 24-Hour Mean: 28.5

Minimum 24-Hour Mean: 15.0

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

DIFFERENTIAL TEMPERATURE (°C)

	Hour																								Max	Min	Avg
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			
05/01/11	0.654	0.189	0.170	0.257	0.267	0.307	0.205	-0.235	-0.753	-1.081	-1.148	-1.022	-1.233	-1.120	-1.261	-1.124	-0.738	-0.513	-0.304	-0.040	0.065	0.119	0.197	0.215	0.654	-1.261	-0.330
05/02/11	0.227	0.201	0.148	0.191	0.286	0.223	0.239	-0.489	-0.789	-1.122	-1.010	-1.289	-1.282	-1.172	-1.141	-0.990	-0.760	-0.439	-0.217	0.049	0.119	0.152	0.225	0.307	0.307	-1.289	-0.347
05/03/11	0.217	0.215	0.239	0.264	0.236	0.346	0.119	-0.339	-0.802	-0.858	-1.064	-1.396	-1.435	-1.619	-1.339	-1.115	-0.862	-0.551	-0.080	0.430	0.208	0.225	0.225	0.222	0.430	-1.619	-0.355
05/04/11	0.158	0.174	0.179	0.203	0.166	0.238	0.157	-0.205	-0.558	-1.025	-1.140	-0.949	-0.751	-1.529	-1.006	-0.534	-0.476	-0.257	0.162	0.391	1.699	1.927	1.394	2.032	2.032	-1.529	0.019
05/05/11	2.496	2.066	1.936	1.749	1.254	0.962	1.539	-0.247	-0.492	-1.089	-1.146	-1.482	-1.356	-0.916	-0.945	-0.961	-0.832	-0.388	-0.024	0.318	0.848	0.782	0.814	0.620	2.496	-1.482	0.229
05/06/11	1.738	1.745	2.147	2.354	2.074	2.127	1.727	-0.155	-0.544	-0.670	-0.789	-0.859	-1.232	-1.220	-1.285	-0.986	-0.743	-0.516	0.351	1.016	0.655	0.838	1.646	2.354	-1.285	0.386	
05/07/11	1.855	2.003	1.995	2.165	1.856	1.008	0.598	-0.495	-0.737	-0.752	-1.141	-1.137	-1.400	-1.769	-1.478	-1.328	-0.980	-0.274	0.238	1.199	1.588	2.022	2.134	2.165	-1.769	0.270	
05/08/11	1.357	1.638	1.258	1.386	1.696	2.219	0.815	-0.601	-0.958	-1.204	-1.645	-2.067	-1.800	-2.007	-1.562	-1.273	-0.901	-0.536	-0.246	0.058	0.181	0.230	0.169	0.122	2.219	-2.067	-0.153
05/09/11	0.003	0.134	0.154	0.474	0.083	-0.024	-0.281	-0.480	-0.539	-0.753	-1.158	-1.548	-1.571	-1.223	-1.106	-1.106	-0.904	-0.604	-0.333	-0.060	0.117	0.181	0.206	0.784	0.784	-1.571	-0.398
05/10/11	0.491	0.757	0.374	0.353	0.658	0.747	0.236	-0.602	-0.718	-1.082	-1.101	-1.457	-1.266	-1.056	-1.004	-1.092	-0.907	-0.661	-0.392	-0.105	0.074	0.187	0.685	0.553	0.757	-1.457	-0.264
05/11/11	1.461	0.696	0.432	0.408	0.762	0.914	0.589	-0.612	-0.788	-0.799	-0.947	-1.107	-1.119	-1.210	-1.076	-1.083	-0.825	-0.590	-0.338	0.048	0.120	0.743	0.812	0.622	1.461	-1.210	-0.120
05/12/11	0.900	1.211	1.270	2.047	1.314	0.939	0.865	-0.345	-0.520	-0.632	-1.076	-0.859	-0.901	-1.351	-1.180	-0.875	-0.724	-0.639	-0.332	0.116	0.702	1.673	0.887	0.678	2.047	-1.351	0.132
05/13/11	1.310	1.441	2.147	1.507	0.812	0.851	0.550	-0.342	-0.880	-1.352	-1.456	-1.086	-1.790	-1.605	-1.406	-1.137	-0.824	-0.778	-0.383	0.147	0.661	1.997	0.940	0.369	2.147	-1.790	-0.013
05/14/11	0.401	0.386	0.466	0.465	1.095	1.724	0.496	-0.626	-0.667	-0.982	-1.200	-1.258	-1.692	-1.830	-1.201	-1.579	-1.112	-0.917	-0.454	0.048	0.223	0.645	1.122	1.291	1.724	-1.830	-0.215
05/15/11	0.653	0.676	1.394	0.879	0.702	0.954	0.785	-0.659	-1.179	-1.504	-1.706	-1.661	-2.127	-1.926	-1.743	-1.647	-1.192	-0.741	-0.394	0.085	0.140	0.344	0.657	0.501	1.394	-2.127	-0.363
05/16/11	1.083	1.034	0.833	0.838	1.016	0.851	0.398	-0.691	-1.037	-1.340	-1.778	-1.855	-1.683	-1.680	-1.859	-1.647	-1.187	-0.946	-0.422	-0.073	-0.026	0.034	0.206	0.176	1.083	-1.859	-0.406
05/17/11	0.247	0.305	0.185	0.075	0.123	0.269	0.047	-0.481	-0.670	-0.860	-1.217	-1.344	-1.534	-1.337	-1.404	-1.102	-0.803	-0.579	-0.420	-0.108	-0.011	0.074	0.611	0.705	0.705	-1.534	-0.385
05/18/11	0.809	0.699	0.209	0.309	-0.045	-0.124	-0.326	-0.451	-0.681	-0.538	-0.449	-0.437	-0.442	-0.699	-0.604	-0.741	-0.434	-0.225	-0.130	-0.051	0.059	-0.009	-0.117	-0.083	0.809	-0.741	-0.188
05/19/11	-0.127	-0.117	-0.026	-0.036	-0.049	0.017	-0.139	-0.359	-0.617	-1.219	-1.233	-1.018	-1.181	-1.047	-1.094	-0.888	-0.795	-0.360	-0.210	0.223	0.714	1.343	1.274	1.245	1.343	-1.233	-0.237
05/20/11	1.423	1.812	1.901	2.073	1.593	1.600	0.398	-0.508	-0.690	-0.871	-1.029	-1.189	-1.267	-1.228	-1.286	-1.211	-0.985	-0.709	-0.376	0.055	0.733	1.347	1.396	0.862	2.073	-1.286	0.160
05/21/11	1.488	1.691	1.385	1.026	0.819	1.275	0.973	-0.527	-0.675	-1.140	-1.304	-1.273	-1.188	-1.192	-1.158	-1.247	-0.978	-0.778	-0.417	0.083	0.453	1.630	1.154	1.331	1.691	-1.304	0.060
05/22/11	1.195	1.258	2.178	1.010	1.321	1.672	0.551	-0.588	-0.584	-0.812	-1.164	-1.440	-1.302	-1.385	-1.381	-1.373	-1.276	-0.720	-0.368	0.109	0.692	1.240	0.947	0.420	2.178	-1.440	0.008
05/23/11	1.604	1.157	0.593	1.017	1.690	1.659	0.987	-0.460	-0.728	-1.491	-1.132	-1.582	-2.209	-2.292	-2.191	-1.315	-0.958	-0.638	-0.216	0.102	0.087	0.047	-0.074	-0.012	1.690	-2.292	-0.223
05/24/11	0.084	0.173	0.216	0.292	1.146	1.166	0.104	-0.657	-1.061	-1.277	-1.188	-1.141	-0.944	-1.015	-1.552	-1.150	-0.571	-0.310	-0.151	0.231	0.435	0.931	0.691	0.495	1.166	-1.552	-0.211
05/25/11	0.924	0.743	0.891	0.661	1.194	1.820	1.276	-0.329	-0.642	-0.802	-0.778	-0.970	-0.934	-1.531	-1.267	-1.379	-1.333	-0.438	-0.193	0.361	0.384	1.741	1.799	1.558	1.820	-1.531	0.115
05/26/11	1.256	1.802	1.697	2.309	2.231	2.217	1.249	-0.327	-0.442	-0.509	-1.370	-0.734	-1.027	-0.764	-1.719	-1.564	-0.514	-0.084	0.101	0.418	0.550	1.719	1.443	2.626	2.626	-1.719	0.440
05/27/11	3.069	2.990	1.906	1.990	2.423	1.400	0.594	-0.622	-0.787	-0.828	-0.948	-0.846	-0.927	-1.305	-1.404	-1.097	-0.884	-0.582	-0.261	0.131	0.634	1.883	1.850	2.075	3.069	-1.404	0.436
05/28/11	1.658	0.531	0.739	1.223	1.408	1.414	0.484	-0.581	-0.918	-1.558	-1.626	-1.751	-1.363	-1.195	-1.409	-1.083	-0.918	-0.636	-0.295	0.027	0.150	0.179	0.245	0.251	1.658	-1.751	-0.209
05/29/11	0.242	0.207	0.558	0.838	0.869	0.744	0.493	-0.625	-1.214	-1.596	-1.117	-1.445	-1.485	-1.597	-1.277	-1.229	-1.037	-0.785	-0.502	-0.218	-0.127	-0.086	-0.126	-0.051	0.869	-1.597	-0.440
05/30/11	0.029	0.036	0.120	0.087	0.286	0.364	0.006	-0.492	-0.618	-0.839	-1.112	-1.221	-1.362	-1.285	-1.197	-0.960	-1.258	-0.676	-0.530	-0.147	0.124	0.660	0.621	1.371	1.371	-1.362	-0.333
05/31/11	1.128	0.930	0.887	1.048	1.250	0.593	0.335	-0.309	-0.671	-1.140	-1.384	-1.807	-1.654	-1.743	-1.432	-0.995	-0.444	-0.204	0.014	0.336	1.064	1.437	1.407	1.055	1.437	-1.807	-0.012

Hourly Averages
 Maximum Hourly Differential Temperature: 3.069 Minimum Hourly Differential Temperature: -2.292
 Total Number of Observations: 744 Possible Number of Observations: 744 INV = Invalid Data ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
JUNE 2011

10-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
06/01/11	25.4	25.0	24.7	24.5	24.2	23.5	23.5	24.0	24.4	26.6	28.0	29.5	30.9	31.1	31.2	30.9	31.1	31.6	29.5	28.3	27.0	26.3	25.5	25.2	31.6	23.5	27.2	
06/02/11	25.0	24.4	23.7	22.7	22.2	20.4	21.2	22.5	24.1	25.2	26.3	27.5	27.7	28.3	28.7	28.8	29.0	28.8	28.3	27.2	26.1	25.0	24.5	23.9	29.0	20.4	25.5	
06/03/11	23.2	22.7	22.4	21.7	21.1	20.9	21.8	23.3	24.5	25.6	27.2	28.2	29.1	30.0	30.1	30.4	30.5	30.7	30.4	29.4	28.5	27.8	26.9	26.0	30.7	20.9	26.3	
06/04/11	25.3	24.2	23.7	23.2	22.9	23.5	23.8	25.2	26.9	29.2	30.2	31.3	32.1	33.1	33.4	33.4	33.7	33.7	33.1	32.0	31.1	30.6	28.6	28.6	33.7	22.9	28.9	
06/05/11	27.4	27.1	26.1	25.6	25.1	25.5	26.4	27.4	28.5	29.8	31.3	32.5	33.0	33.7	34.3	34.4	34.6	34.2	33.8	32.8	32.2	30.7	29.5	28.9	34.6	25.1	30.2	
06/06/11	28.5	28.1	27.3	26.8	26.4	25.8	26.1	27.4	28.9	29.9	30.5	31.0	31.6	32.4	32.2	32.0	31.6	30.9	29.6	28.1	27.0	26.1	25.4	24.5	32.4	24.5	28.7	
06/07/11	24.1	23.7	22.9	22.7	20.2	20.6	21.0	22.8	24.1	25.6	27.1	28.0	29.0	29.6	30.0	30.2	30.7	30.7	30.6	29.6	28.6	27.6	26.8	26.1	30.7	20.2	26.4	
06/08/11	25.2	24.4	23.5	22.8	21.9	21.3	21.1	22.9	24.2	25.6	26.9	28.1	29.4	29.7	30.2	30.6	30.5	30.1	29.5	28.2	26.9	26.1	25.1	23.8	30.6	21.1	26.2	
06/09/11	23.8	23.0	22.4	21.7	21.5	21.3	21.4	23.2	25.0	26.5	27.8	28.9	29.6	30.1	30.8	31.1	31.0	30.7	29.9	29.0	28.4	27.5	26.8	26.5	31.1	21.3	26.6	
06/10/11	24.5	24.8	24.4	24.0	24.0	23.0	23.3	24.6	26.0	27.5	28.9	29.8	30.2	30.6	31.3	31.6	31.7	31.9	31.5	30.6	29.9	28.7	28.0	26.5	31.9	23.0	27.8	
06/11/11	26.0	25.7	24.3	24.2	23.3	23.1	23.5	24.7	26.2	27.1	28.1	29.2	30.2	30.8	30.9	31.4	31.9	31.9	31.8	31.0	30.2	29.2	28.5	27.8	31.9	23.1	28.0	
06/12/11	27.5	26.2	26.0	25.0	24.6	25.1	25.1	26.1	27.6	28.4	29.5	30.8	31.5	32.1	32.2	32.9	33.3	33.5	33.0	32.0	30.5	29.2	28.1	27.2	33.5	24.6	29.0	
06/13/11	26.2	25.5	24.6	23.7	23.1	22.8	23.7	25.7	27.0	28.2	29.0	30.4	31.4	31.9	32.1	32.2	32.5	32.6	32.4	31.3	30.2	29.5	28.1	27.3	32.6	22.8	28.4	
06/14/11	27.1	26.4	26.3	25.8	24.6	24.5	24.8	26.7	28.2	29.6	31.0	32.0	32.5	33.0	33.8	34.2	34.3	34.0	33.5	32.6	31.6	31.1	29.9	28.7	34.3	24.5	29.8	
06/15/11	28.7	29.1	28.0	27.6	27.6	25.7	26.5	28.1	29.6	31.0	32.2	33.1	33.9	34.4	34.8	35.2	35.4	35.2	35.1	34.3	33.5	32.8	31.6	30.7	35.4	25.7	31.4	
06/16/11	29.9	29.1	28.4	28.0	27.6	27.2	27.4	28.5	29.7	30.2	30.6	31.5	32.0	32.6	32.9	33.5	33.8	33.9	33.9	33.0	31.9	30.9	29.7	28.6	33.9	27.2	30.6	
06/17/11	27.7	27.5	26.9	26.6	26.2	25.7	25.8	27.0	28.1	28.9	29.8	31.0	32.2	32.6	33.6	34.1	34.5	34.2	33.9	32.7	31.4	30.1	29.5	28.6	34.5	25.7	29.9	
06/18/11	28.2	27.5	26.6	26.3	25.9	25.0	25.3	26.7	27.7	29.2	30.1	31.5	32.5	33.1	33.7	34.1	34.5	34.6	34.3	33.1	31.4	30.3	29.8	28.9	34.6	25.0	30.0	
06/19/11	27.7	27.3	27.0	26.5	26.2	25.8	25.6	26.5	27.3	28.2	29.1	29.7	30.3	30.9	31.4	32.2	32.2	32.1	31.1	30.1	29.1	28.6	28.1	27.7	32.2	25.6	28.8	
06/20/11	27.0	26.4	26.0	25.5	24.6	24.1	24.1	25.6	26.8	27.8	28.9	30.3	30.6	30.9	31.2	31.6	31.9	31.9	31.8	31.2	30.7	30.2	29.5	28.4	31.9	24.1	28.6	
06/21/11	27.7	27.7	27.2	26.6	26.9	26.5	26.6	28.2	30.2	31.9	33.1	33.7	34.6	35.3	35.9	36.0	36.0	36.1	35.7	34.7	33.7	33.0	32.7	31.8	36.1	26.5	31.7	
06/22/11	31.1	30.6	29.9	29.9	30.4	29.6	29.2	30.0	31.6	33.3	34.6	35.3	36.0	36.7	37.4	37.6	37.8	37.7	37.3	36.4	35.1	34.0	33.2	33.4	37.8	29.2	33.7	
06/23/11	32.8	31.9	31.4	31.4	28.8	28.9	28.9	30.3	31.2	32.3	33.3	34.2	35.0	35.6	36.3	36.7	36.9	36.7	36.4	35.5	34.3	33.4	32.8	31.9	36.9	28.8	33.2	
06/24/11	31.2	30.5	30.1	29.9	28.6	27.6	28.0	29.3	30.4	31.8	32.9	33.5	34.5	35.2	35.8	36.0	36.4	36.3	36.1	35.4	34.7	33.7	32.5	32.0	36.4	27.6	32.6	
06/25/11	31.4	31.2	30.1	29.9	28.0	28.6	28.2	29.3	30.7	31.9	33.6	35.0	35.8	36.7	37.2	37.3	37.5	37.2	36.8	36.0	35.0	34.5	33.4	32.1	37.5	28.0	33.2	
06/26/11	32.2	32.0	30.3	30.5	30.5	30.6	30.7	31.4	32.9	34.3	35.5	36.2	36.9	37.2	37.7	37.8	37.7	37.8	37.4	36.7	35.8	35.0	34.4	37.8	30.3	34.4		
06/27/11	31.8	31.6	32.2	32.2	30.4	30.9	31.7	33.1	34.5	36.2	37.4	38.3	38.7	39.0	39.4	39.8	39.9	39.5	39.0	38.2	37.5	36.6	36.2	35.2	39.9	30.4	35.8	
06/28/11	34.1	32.6	33.1	32.9	32.3	32.3	33.5	33.6	34.1	35.4	35.6	36.7	38.0	37.8	37.3	38.8	38.8	37.5	38.1	37.5	36.4	35.4	35.1	34.5	34.1	38.8	32.3	35.3
06/29/11	33.1	31.8	30.8	29.9	29.7	29.3	28.5	29.6	31.0	32.1	33.4	34.4	35.2	35.9	36.2	36.4	36.4	36.6	36.2	35.8	35.3	34.3	32.9	32.2	36.6	28.5	33.2	
06/30/11	31.5	31.1	29.8	29.0	27.8	27.0	26.6	27.9	29.6	30.3	30.9	31.9	33.1	34.1	34.6	34.9	35.1	34.8	34.0	33.1	32.6	31.5	30.5	35.2	26.6	31.5		

Hourly Averages

28.2 27.6 27.0 26.6 25.9 25.6 25.8 27.0 28.4 29.6 30.8 31.8 32.6 33.2 33.6 33.9 34.0 33.9 33.5 32.5 31.5 30.7 29.8 29.0

Maximum Hourly Temperature: 39.9 **Minimum Hourly Temperature:** 20.2 **Average Monthly Temperature:** 30.1

Maximum 24-Hour Mean: 35.8

Minimum 24-Hour Mean: 25.5

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

2-METER TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	23.5	22.6	22.8	23.3	23.2	22.4	22.6	23.7	24.6	27.1	28.7	30.2	31.8	32.0	32.0	31.5	31.8	32.2	29.6	28.3	26.6	25.8	24.6	23.8	32.2	22.4	26.9
06/02/11	22.9	22.6	22.2	20.3	21.3	19.0	19.9	22.9	24.7	26.0	27.0	28.3	28.4	29.1	29.6	29.5	29.5	29.1	28.3	26.7	25.5	23.3	22.0	21.6	29.6	19.0	25.0
06/03/11	20.9	20.2	19.7	19.7	19.0	19.5	21.4	23.9	25.3	26.4	28.6	29.8	30.5	31.4	31.2	31.5	31.1	31.5	30.6	29.0	27.4	25.1	25.8	24.6	31.5	19.0	26.0
06/04/11	24.2	22.3	22.6	22.2	21.9	22.9	23.4	25.7	27.9	30.5	32.3	33.2	33.8	34.3	34.4	34.3	34.5	34.5	33.3	31.7	30.6	28.9	27.0	26.4	34.5	21.9	28.9
06/05/11	25.5	25.0	24.5	23.6	23.4	23.8	26.0	28.0	29.1	30.9	32.3	33.7	34.0	34.8	35.5	35.4	35.5	35.0	34.2	32.6	31.5	29.4	28.0	27.6	35.5	23.4	30.0
06/06/11	26.6	26.6	25.5	25.4	25.3	24.3	25.2	27.8	30.0	31.4	31.8	32.5	33.3	33.8	33.4	32.7	32.2	31.3	29.7	27.9	26.5	25.2	23.9	22.6	33.8	22.6	28.5
06/07/11	22.2	21.9	21.2	20.5	19.1	19.5	20.7	23.4	24.7	26.3	28.7	30.4	31.1	31.0	30.9	31.2	31.1	30.8	29.3	27.7	26.3	24.6	24.3	31.2	19.1	26.1	
06/08/11	23.9	23.5	22.6	21.6	21.0	20.2	19.6	20.2	23.7	25.0	26.3	27.9	29.4	31.5	31.7	31.4	30.9	30.4	29.6	27.9	26.3	25.3	23.8	22.6	31.7	19.6	26.1
06/09/11	21.9	22.0	21.2	20.5	19.7	19.6	20.2	23.5	25.6	27.3	29.1	30.1	30.7	30.8	31.5	31.7	31.8	31.3	30.1	28.8	28.2	26.5	25.1	25.3	31.8	19.6	26.4
06/10/11	23.2	23.2	22.8	22.0	21.5	21.1	21.7	25.0	26.7	28.3	29.7	30.7	31.5	31.5	32.4	32.6	32.6	32.6	31.9	30.3	29.2	27.6	26.5	25.1	32.6	21.1	27.5
06/11/11	25.1	24.8	23.0	22.5	21.9	22.5	23.4	25.4	27.5	28.6	30.2	30.8	31.9	32.4	32.0	32.7	33.2	32.7	32.4	31.0	29.5	28.3	27.9	26.4	33.2	21.9	28.2
06/12/11	25.5	24.6	24.2	23.4	23.4	23.0	23.8	26.7	28.7	30.0	31.3	32.2	32.9	33.8	34.0	34.4	34.6	34.5	33.6	32.0	30.2	28.5	27.2	26.0	34.6	23.0	29.1
06/13/11	24.6	23.5	23.1	22.8	22.4	21.2	23.2	26.4	27.8	29.5	30.7	32.1	32.6	33.4	33.3	33.8	33.2	33.2	32.6	31.0	29.8	28.5	27.1	25.5	33.8	21.2	28.4
06/14/11	25.2	24.7	24.3	23.5	22.8	22.6	24.0	27.2	28.6	30.5	32.1	33.1	34.0	34.2	35.1	35.1	35.1	34.6	33.8	32.2	31.3	29.3	28.2	27.5	35.1	22.6	29.5
06/15/11	27.0	26.9	25.8	25.2	24.9	24.3	24.7	28.4	30.1	31.8	33.4	34.2	35.1	35.9	36.2	36.2	36.0	35.8	35.4	33.9	32.9	31.0	29.7	28.7	36.2	24.3	31.0
06/16/11	27.9	27.4	27.1	26.3	25.8	25.8	25.6	29.2	30.9	31.6	32.3	33.5	33.8	34.2	34.3	34.4	34.8	34.5	34.0	32.6	31.1	29.8	28.8	28.0	34.8	25.6	30.6
06/17/11	26.6	26.8	26.0	24.7	24.9	24.5	25.4	27.7	29.5	30.3	31.3	32.4	34.3	34.6	35.5	35.3	35.4	34.9	34.2	32.6	30.8	29.9	29.1	27.5	35.5	24.5	30.2
06/18/11	26.1	26.0	24.8	24.8	24.1	24.2	24.7	27.3	28.5	30.2	31.4	33.0	34.1	34.2	34.9	35.3	35.7	35.3	34.8	33.0	30.9	28.7	27.6	27.5	35.7	24.1	29.9
06/19/11	26.8	26.3	26.2	25.8	25.7	24.7	24.9	26.9	28.6	29.7	31.0	31.2	31.5	32.1	32.6	33.3	33.0	32.7	31.4	30.2	28.8	28.4	27.5	26.0	33.3	24.7	29.0
06/20/11	26.1	24.9	24.5	23.9	23.7	23.2	24.0	26.2	27.4	28.3	29.9	31.2	31.4	31.8	32.0	32.2	32.3	32.3	31.8	30.9	30.0	28.7	27.4	27.1	32.3	23.2	28.4
06/21/11	26.5	26.0	26.1	25.1	25.2	25.3	25.9	28.3	30.6	32.9	34.5	34.4	35.5	36.2	36.7	36.5	36.6	36.3	35.7	34.1	33.3	30.9	30.6	30.2	36.7	25.1	31.4
06/22/11	29.4	28.9	28.3	27.9	27.6	27.5	27.5	30.2	32.1	34.1	35.2	36.0	36.8	37.4	38.2	38.2	38.5	38.1	37.3	35.7	34.7	33.4	31.6	31.5	38.5	27.5	33.2
06/23/11	31.4	30.0	29.4	30.0	27.6	27.7	27.5	30.8	31.7	32.8	34.0	35.2	36.0	36.6	37.1	37.4	37.4	37.0	36.4	35.1	33.9	32.6	31.8	30.9	37.4	27.5	32.9
06/24/11	29.7	29.5	27.9	28.0	27.4	26.5	26.8	30.0	31.2	32.7	33.8	34.4	35.5	36.3	37.1	36.9	37.3	36.9	36.4	35.2	34.3	32.9	31.2	30.3	37.3	26.5	32.4
06/25/11	29.8	28.9	28.3	27.8	26.7	26.8	27.3	29.7	31.3	32.5	34.6	35.9	36.8	37.7	38.1	38.4	38.3	37.7	37.0	35.7	34.3	33.7	32.5	31.4	38.4	26.7	33.0
06/26/11	31.0	31.6	29.5	28.9	28.6	29.6	30.2	31.6	33.5	35.2	36.4	37.2	38.0	38.5	38.9	38.9	38.6	38.6	37.8	36.6	35.3	34.1	34.5	33.8	38.9	28.6	34.5
06/27/11	31.1	30.8	30.6	30.6	29.5	29.9	30.8	33.4	34.9	37.1	38.5	39.3	39.7	40.2	40.4	40.8	40.8	39.9	39.1	37.9	37.2	35.9	35.7	34.3	40.8	29.5	35.8
06/28/11	33.2	31.8	31.2	31.9	30.4	31.3	33.1	33.7	34.4	36.0	35.9	37.3	38.8	38.2	37.9	39.3	37.8	38.2	37.5	35.9	34.5	33.4	33.6	33.3	39.3	30.4	34.9
06/29/11	32.2	31.5	30.5	29.8	29.5	28.6	28.1	30.1	31.5	32.9	34.3	35.8	36.3	37.2	37.3	37.4	37.2	37.2	36.6	35.6	35.0	34.0	32.5	31.6	37.4	28.1	33.4
06/30/11	30.9	30.0	29.6	28.8	27.5	26.8	26.6	28.4	30.6	31.3	31.9	32.8	34.4	35.3	35.4	35.8	35.8	35.8	35.1	33.8	32.6	31.7	30.5	29.2	35.8	26.6	31.7

Hourly Averages		26.7	26.2	25.5	25.0	24.5	24.3	24.9	27.5	29.1	30.6	31.9	33.0	33.8	34.4	34.7	34.8	34.8	34.5	33.7	32.2	31.0	29.6	28.5	27.7				
Maximum Hourly Temperature:	40.8		Minimum Hourly Temperature:	19.0	Average Monthly Temperature:	29.9																							
Maximum 24-Hour Mean:	35.8		Minimum 24-Hour Mean:	25.0																									
Total Number of Observations:	720		Possible Number of Observations:	720	INV = Invalid Data		ND = No Data Collection																						

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

DIFFERENTIAL TEMPERATURE (°C)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
06/01/11	1.869	2.412	1.926	1.201	1.006	1.078	0.902	0.315	-0.223	-0.534	-0.651	-0.707	-0.929	-0.834	-0.834	-0.623	-0.689	-0.645	-0.107	0.057	0.369	0.507	0.906	1.408	2.412	-0.929	0.299	
06/02/11	2.182	1.793	1.447	2.348	0.888	1.404	1.348	-0.380	-0.604	-0.792	-0.698	-0.843	-0.693	-0.797	-0.911	-0.681	-0.571	-0.313	-0.063	0.479	0.630	1.738	2.445	2.288	2.445	-0.911	0.485	
06/03/11	2.283	2.492	2.650	1.968	2.096	1.319	0.466	-0.673	-0.766	-0.787	-1.410	-1.621	-1.479	-1.331	-1.064	-1.098	-0.617	-0.790	-0.183	0.378	1.117	2.632	1.160	1.393	2.650	-1.621	0.339	
06/04/11	1.094	1.909	1.038	0.982	1.017	0.528	0.362	-0.540	-0.945	-1.270	-2.101	-1.830	-1.685	-1.220	-1.015	-0.939	-0.798	-0.828	-0.236	0.334	0.562	1.618	1.653	2.243	2.243	-2.101	-0.003	
06/05/11	1.896	2.056	1.637	1.977	1.712	1.722	0.453	-0.574	-0.668	-1.088	-0.948	-1.152	-0.971	-1.027	-1.199	-1.017	-0.914	-0.715	-0.319	0.215	0.687	1.303	1.529	1.338	2.056	-1.199	0.247	
06/06/11	1.850	1.540	1.768	1.430	1.141	1.466	0.919	-0.440	-1.092	-1.496	-1.252	-1.434	-1.690	-1.408	-1.167	-0.665	-0.627	-0.339	-0.071	0.246	0.449	0.886	1.494	1.860	1.860	-1.690	0.140	
06/07/11	1.920	1.807	1.697	2.198	1.118	1.113	0.277	-0.544	-0.597	-0.680	-1.630	-1.637	-1.416	-1.444	-0.983	-0.687	-0.509	-0.407	-0.187	0.329	0.892	1.391	2.215	1.816	2.215	-1.637	0.252	
06/08/11	1.360	0.860	0.893	1.668	1.671	1.777	0.985	-0.796	-0.797	-0.762	-1.034	-1.247	-1.934	-1.791	-1.527	-0.778	-0.449	-0.233	-0.076	0.275	0.552	0.795	1.231	1.184	1.777	-1.934	0.076	
06/09/11	1.852	1.072	1.159	1.140	1.779	1.681	1.210	-0.294	-0.562	-0.843	-1.298	-1.223	-1.156	-0.679	-0.697	-0.601	-0.794	-0.552	-0.112	0.278	0.260	1.004	1.681	1.203	1.852	-1.298	0.229	
06/10/11	1.331	1.581	1.679	2.026	2.450	1.905	1.559	-0.362	-0.654	-0.766	-0.838	-0.916	-1.363	-0.837	-1.087	-1.030	-0.970	-0.712	-0.379	0.269	0.735	1.107	1.559	1.399	2.450	-1.363	0.320	
06/11/11	0.836	0.982	1.305	1.710	1.412	0.541	0.083	-0.633	-1.332	-1.499	-2.064	-1.576	-1.728	-1.622	-1.126	-1.242	-1.322	-0.874	-0.623	-0.027	0.714	0.949	0.606	1.431	1.710	-2.064	-0.212	
06/12/11	1.969	1.599	1.771	1.618	1.205	2.067	1.298	-0.644	-1.132	-1.624	-1.787	-1.435	-1.396	-1.787	-1.782	-1.455	-1.271	-0.950	-0.537	-0.042	0.297	0.664	0.893	1.158	2.067	-1.787	-0.054	
06/13/11	1.567	2.017	1.533	0.868	0.731	1.628	0.590	-0.662	-0.832	-1.252	-1.633	-1.770	-1.133	-1.521	-1.196	-1.589	-0.785	-0.578	-0.288	0.327	0.415	1.037	1.045	1.728	2.017	-1.770	0.010	
06/14/11	1.840	1.664	1.949	2.299	1.810	1.951	0.802	-0.552	-0.446	-0.933	-1.107	-1.133	-1.448	-1.167	-1.222	-0.935	-0.775	-0.609	-0.281	0.399	0.324	1.840	1.677	1.279	2.299	-1.448	0.301	
06/15/11	1.691	2.181	2.174	2.337	2.673	1.364	1.731	-0.285	-0.584	-0.776	-1.133	-1.054	-1.153	-1.459	-1.362	-1.028	-0.654	-0.607	-0.338	0.363	0.676	1.796	1.865	1.974	2.673	-1.459	0.433	
06/16/11	2.003	1.644	1.296	1.695	1.840	1.442	1.781	-0.677	-1.250	-1.430	-1.677	-1.948	-1.789	-1.534	-1.410	-0.899	-1.004	-0.530	-0.153	0.430	0.729	1.074	0.872	0.633	2.003	-1.948	0.047	
06/17/11	1.118	0.625	0.994	1.911	1.330	1.186	0.397	-0.667	-1.410	-1.376	-1.467	-1.445	-2.077	-2.017	-1.903	-1.156	-0.927	-0.672	-0.349	0.173	0.548	0.208	0.344	1.046	1.911	-2.077	-0.233	
06/18/11	2.054	1.544	1.777	1.538	1.778	0.790	0.613	-0.633	-0.848	-1.063	-1.270	-1.534	-1.596	-1.133	-1.178	-1.265	-1.234	-0.732	-0.485	0.131	0.466	1.576	2.205	1.400	2.205	-1.596	0.121	
06/19/11	0.904	0.917	0.856	0.750	0.502	1.167	0.740	-0.433	-1.225	-1.475	-1.944	-1.503	-1.153	-1.252	-1.217	-1.173	-0.873	-0.680	-0.336	-0.007	0.276	0.189	0.602	1.665	1.665	-1.944	-0.196	
06/20/11	0.938	1.567	1.569	1.628	0.920	0.846	0.123	-0.636	-0.591	-0.565	-1.026	-0.934	-0.855	-0.917	-0.801	-0.678	-0.434	-0.388	-0.081	0.389	0.691	1.494	2.068	1.312	2.068	-1.026	0.235	
06/21/11	1.197	1.663	1.158	1.524	1.664	1.204	0.763	-0.092	-0.412	-0.993	-1.361	-0.647	-0.951	-0.983	-0.740	-0.497	-0.544	-0.238	0.017	0.579	0.417	2.110	2.133	1.546	2.133	-1.361	0.355	
06/22/11	1.658	1.665	1.520	2.053	2.812	2.037	1.715	-0.193	-0.515	-0.831	-0.638	-0.679	-0.781	-0.723	-0.781	-0.553	-0.632	-0.449	0.007	0.637	0.402	0.617	1.666	1.845	2.812	-0.831	0.494	
06/23/11	1.361	1.890	2.016	1.402	1.238	1.935	1.475	-0.494	-0.462	-0.455	-0.619	-1.035	-0.952	-0.988	-0.871	-0.673	-0.586	-0.299	0.010	0.349	0.461	0.809	0.999	1.044	2.016	-1.035	0.315	
06/24/11	1.548	1.067	2.266	1.893	1.159	1.142	1.163	-0.633	-0.784	-0.875	-0.908	-0.919	-1.040	-1.151	-1.295	-0.895	-0.887	-0.609	-0.304	0.166	0.377	0.743	1.296	1.665	2.266	-1.295	0.174	
06/25/11	1.618	2.295	1.872	2.091	1.280	1.806	0.916	-0.380	-0.609	-0.594	-0.998	-0.912	-1.003	-0.993	-0.975	-1.081	-0.800	-0.513	-0.296	0.254	0.733	0.811	0.902	0.747	2.295	-1.081	0.257	
06/26/11	1.194	0.443	0.832	1.631	1.849	1.044	0.510	-0.280	-0.571	-0.910	-0.934	-0.958	-1.100	-1.272	-1.222	-1.169	-0.896	-0.802	-0.398	0.084	0.437	0.891	0.504	0.624	1.849	-1.272	-0.020	
06/27/11	0.682	0.759	1.599	1.593	0.907	1.022	0.917	-0.317	-0.355	-0.910	-1.157	-0.977	-1.014	-1.182	-0.976	-0.967	-0.817	-0.364	-0.102	0.284	0.274	0.719	0.465	0.859	1.599	-1.182	0.039	
06/28/11	0.960	0.753	1.898	0.987	1.880	0.995	0.420	-0.045	-0.277	-0.544	-0.316	-0.530	-0.781	-0.455	-0.602	-0.582	-0.318	-0.187	0.053	0.476	0.986	1.692	0.915	0.855	1.898	-0.781	0.343	
06/29/11	0.955	0.279	0.304	0.066	0.165	0.713	0.405	-0.483	-0.524	-0.744	-0.901	-1.433	-1.045	-1.359	-1.094	-0.952	-0.857	-0.686	-0.315	0.153	0.329	0.329	0.421	0.636	0.955	-1.433	-0.235	
06/30/11	0.624	1.103	0.277	0.212	0.226	0.191	-0.003	-0.564	-1.075	-0.963	-0.987	-0.912	-1.258	-1.198	-0.785	-0.876	-0.728	-0.616	-0.307	0.176	0.492	0.963	1.014	1.297	1.297	-1.258	-0.154	

Hourly Averages

1.478 1.473 1.495 1.558 1.409 1.302 0.831 -0.453 -0.738 -0.961 -1.193 -1.198 -1.252 -1.203 -1.101 -0.926 -0.776 -0.564 -0.228 0.272 0.543 1.116 1.279 1.363

Maximum Hourly Differential Temperature: 2.812

Minimum Hourly Differential Temperature: -2.101

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC2-D
HOURLY TEMPERATURE DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	23.8	23.7	22.5	21.6	21.3	20.6	20.5	20.9	23.8	26.9	27.8	29.5	30.6	31.8	32.7	32.7	32.6	31.7	29.9	28.2	26.3	24.9	24.5	23.3	32.7	20.5	26.3
04/02/11	23.2	22.7	22.6	21.6	20.7	20.4	20.6	22.4	25.2	27.2	28.0	28.8	29.5	30.0	30.8	30.7	30.2	28.8	27.1	25.7	24.7	24.1	23.6	22.5	30.8	20.4	25.5
04/03/11	21.6	21.0	20.2	19.7	19.3	18.8	17.9	18.0	19.6	20.7	21.5	22.2	23.1	23.8	24.3	24.5	24.4	23.6	22.4	21.1	19.9	19.3	18.8	18.0	24.5	17.9	21.0
04/04/11	17.0	17.1	16.8	16.2	14.8	14.4	13.8	14.0	14.9	16.1	17.5	18.8	20.9	21.6	23.6	24.2	24.7	24.3	22.3	20.7	19.7	19.0	17.1	17.0	24.7	13.8	18.6
04/05/11	16.5	15.8	16.1	15.9	16.7	15.2	15.7	16.9	20.3	22.0	23.9	25.8	26.9	27.4	27.9	27.8	26.7	25.5	24.2	23.0	22.2	20.3	20.3	19.8	27.9	15.2	21.4
04/06/11	19.2	18.5	18.4	18.1	17.9	17.7	17.5	18.8	22.0	22.9	23.4	23.6	22.3	18.9	17.3	17.8	18.8	18.9	19.2	19.5	19.3	18.9	18.6	18.2	23.6	17.3	19.4
04/07/11	17.5	17.0	16.2	15.6	15.4	15.0	14.2	15.8	16.8	17.9	19.0	20.0	21.6	21.3	21.6	22.6	22.5	22.0	21.0	19.9	18.7	17.8	16.6	15.7	22.6	14.2	18.4
04/08/11	15.0	14.0	13.3	12.9	12.9	12.4	12.1	12.3	13.9	16.2	16.2	16.8	17.2	17.5	18.0	17.9	17.4	17.0	15.6	14.4	13.5	12.7	12.0	11.5	18.0	11.5	14.7
04/09/11	10.8	10.4	9.9	9.6	7.7	5.1	4.5	3.8	3.2	2.5	2.1	2.6	2.7	3.0	3.2	3.7	3.9	4.9	4.8	4.3	4.4	4.3	4.0	3.6	10.8	2.1	5.0
04/10/11	3.5	3.2	3.0	3.3	2.8	1.9	2.8	4.2	6.2	7.9	8.6	9.2	10.1	11.3	12.4	13.2	13.4	13.5	12.7	11.5	10.6	10.0	9.5	9.0	13.5	1.9	8.1
04/11/11	8.6	8.2	8.4	8.4	9.0	9.7	10.5	12.7	13.9	15.6	17.2	19.2	21.0	22.7	23.7	24.0	24.1	24.4	23.7	21.5	20.9	21.0	20.0	17.9	24.4	8.2	16.9
04/12/11	16.4	15.7	15.0	15.1	14.6	15.3	15.3	15.5	18.1	20.3	20.1	21.2	21.5	21.9	22.6	22.9	23.0	22.6	21.6	20.1	19.1	17.7	16.5	16.4	23.0	14.6	18.7
04/13/11	15.4	15.1	14.6	13.9	13.7	13.4	14.0	14.9	18.0	19.7	20.7	21.4	22.4	22.5	22.6	22.6	23.1	22.8	22.1	20.2	18.8	17.9	16.4	15.6	23.1	13.4	18.4
04/14/11	15.1	14.3	13.1	12.1	10.9	10.2	10.1	12.3	13.4	15.1	16.3	17.1	18.1	19.3	19.9	20.4	20.8	20.8	19.9	18.6	17.3	16.8	16.1	15.0	20.8	10.1	16.0
04/15/11	14.4	14.5	14.6	16.0	17.3	16.7	15.1	16.5	17.9	19.2	20.4	22.0	23.7	25.4	26.7	27.7	27.7	27.4	26.5	24.0	21.8	21.1	19.6	19.4	27.7	14.4	20.6
04/16/11	18.6	18.7	17.8	17.7	17.4	17.4	17.5	20.4	22.1	24.9	26.6	27.7	28.0	28.5	28.8	29.2	29.4	28.9	27.6	25.6	24.7	23.5	22.7	22.4	29.4	17.4	23.6
04/17/11	21.9	21.0	20.8	20.6	19.9	20.2	19.9	22.4	24.6	26.2	27.5	28.3	28.8	29.3	29.9	29.5	29.9	29.3	28.3	26.4	24.9	24.2	23.6	22.4	29.9	19.9	25.0
04/18/11	21.5	20.5	20.0	19.3	18.8	17.1	18.2	21.1	22.5	24.0	25.2	26.3	27.0	27.2	28.0	28.5	28.6	27.5	26.3	24.8	23.2	22.1	21.4	20.3	28.6	17.1	23.3
04/19/11	19.5	19.1	18.5	17.3	16.7	16.3	16.3	18.5	19.6	21.4	22.3	23.4	23.8	24.7	25.5	25.9	25.9	25.5	24.7	23.1	21.7	20.8	20.0	19.4	25.9	16.3	21.2
04/20/11	18.9	18.4	17.8	17.2	16.7	16.4	16.7	19.2	21.2	22.8	24.1	24.7	25.3	25.3	25.6	26.4	26.7	26.3	25.7	24.0	23.0	21.8	20.9	20.3	26.7	16.4	21.9
04/21/11	19.8	19.2	18.4	17.2	16.7	16.5	16.6	19.3	20.8	22.0	23.2	24.3	24.9	25.5	26.0	26.5	26.9	26.7	25.6	23.8	22.3	21.2	20.1	19.3	26.9	16.5	21.8
04/22/11	19.4	18.4	17.9	17.1	16.6	16.9	16.5	20.0	21.1	22.7	22.8	24.0	24.7	25.1	25.6	26.0	26.2	25.9	24.7	23.1	22.5	21.9	20.6	19.7	26.2	16.5	21.6
04/23/11	19.4	18.4	18.9	17.3	16.7	16.9	16.8	18.5	19.7	20.7	22.2	23.7	24.9	24.6	24.6	25.0	25.2	24.7	23.8	22.2	21.3	20.6	20.0	19.3	25.2	16.7	21.1
04/24/11	18.5	17.2	16.8	16.3	15.2	14.9	15.3	17.0	18.6	20.0	21.1	21.6	22.8	23.2	24.3	24.8	24.2	23.4	21.9	20.9	20.2	19.4	18.3	17.7	24.8	14.9	19.7
04/25/11	17.0	16.3	15.4	14.7	13.5	13.4	13.4	15.7	17.4	18.7	20.1	21.0	22.2	22.7	23.0	23.4	23.5	22.9	21.5	20.4	20.1	19.8	19.6	23.5	13.4	19.1	
04/26/11	19.0	18.3	17.1	16.4	15.9	15.7	15.1	16.7	17.4	18.4	19.9	21.2	22.2	23.2	24.1	24.9	25.2	24.5	23.5	22.2	21.2	19.8	19.3	18.5	25.2	15.1	20.0
04/27/11	17.8	17.3	17.2	15.7	15.2	14.2	14.0	15.2	16.5	17.2	18.7	21.0	22.6	23.7	25.3	25.8	25.9	25.3	24.0	22.1	21.6	20.6	18.9	18.6	25.9	14.0	19.8
04/28/11	18.3	18.0	17.9	17.5	17.1	17.2	18.3	20.1	22.5	24.8	26.0	26.9	27.4	28.0	28.3	28.2	28.4	28.3	27.2	25.3	23.8	22.8	21.6	21.3	28.4	17.1	23.1
04/29/11	21.5	21.9	21.4	20.2	19.8	18.3	18.6	20.8	21.4	22.4	23.4	24.6	25.4	26.3	27.1	26.7	26.2	25.8	25.1	23.6	22.4	20.9	19.9	19.3	27.1	18.3	22.6
04/30/11	18.7	17.3	16.8	16.5	16.5	15.8	15.6	16.8	17.6	19.0	20.4	21.6	22.1	22.2	22.0	21.9	21.7	21.3	20.2	18.4	16.5	15.1	15.1	13.8	22.2	13.8	18.4

Hourly Averages	17.6	17.0	16.6	16.0	15.6	15.1	15.1	16.7	18.3	19.8	20.9	21.9	22.8	23.3	23.8	24.2	24.2	23.8	22.8	21.3	20.2	19.4	18.5	17.8			
Maximum Hourly Temperature:	32.7																										
Minimum Hourly Temperature:	1.9																										
Average Monthly Temperature:	19.7																										

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	13.7	14.2	13.8	13.1	12.8	12.6	12.5	13.1	14.3	16.0	17.4	18.0	18.9	19.5	20.5	21.0	20.4	20.7	19.9	18.5	17.7	17.0	16.4	16.1	21.0	12.5	16.6
05/02/11	15.7	15.3	14.8	14.5	13.9	13.2	13.1	14.7	15.8	17.0	18.1	20.3	21.5	22.4	23.5	24.0	24.5	24.4	23.7	22.3	21.6	21.0	20.9	20.1	24.5	13.1	19.0
05/03/11	19.2	18.4	18.2	17.7	16.9	15.9	17.1	18.3	19.8	21.4	23.2	25.1	25.9	26.7	27.3	27.8	28.3	28.4	27.7	26.4	25.3	24.9	24.4	23.9	28.4	15.9	22.8
05/04/11	23.3	22.9	22.6	22.2	21.8	21.6	21.5	23.0	23.9	25.4	26.9	28.6	29.9	31.4	31.1	30.1	29.9	29.3	28.2	26.8	24.7	23.8	22.6	21.9	31.4	21.5	25.5
05/05/11	21.9	21.3	21.2	20.4	21.2	20.7	20.7	22.5	25.5	27.9	29.6	30.9	31.9	31.6	31.8	31.8	31.4	30.5	29.7	28.1	27.1	26.9	24.7	24.2	31.9	20.4	26.4
05/06/11	23.0	22.7	22.0	21.6	21.1	20.1	20.2	23.2	25.4	27.2	28.4	29.4	30.5	30.9	31.2	31.0	31.0	30.6	29.7	28.1	27.0	25.7	24.3	23.7	31.2	20.1	26.2
05/07/11	23.3	21.7	21.8	21.1	20.9	21.1	21.6	23.9	25.6	27.6	28.9	29.8	30.8	31.6	31.5	31.4	31.2	31.1	30.3	28.2	26.6	25.3	24.0	23.1	31.6	20.9	26.3
05/08/11	22.5	21.5	21.4	20.0	19.6	18.4	19.3	21.7	23.4	25.1	27.0	28.3	29.0	30.0	30.2	30.1	29.7	28.9	27.5	25.8	24.2	23.0	21.9	20.8	30.2	18.4	24.6
05/09/11	19.8	19.0	18.3	17.7	18.0	16.8	15.1	15.4	15.8	16.3	17.6	19.3	20.0	20.2	20.5	21.3	21.3	20.8	19.8	18.4	17.5	16.5	15.7	14.8	21.3	14.8	18.2
05/10/11	14.6	13.9	13.0	12.4	11.7	11.3	12.1	14.0	14.6	16.1	16.2	17.5	17.6	17.8	18.1	18.2	17.9	17.3	16.9	15.9	15.2	14.8	14.3	13.4	18.2	11.3	15.2
05/11/11	13.4	13.4	13.5	13.1	12.6	12.0	12.7	15.3	16.8	18.0	19.0	19.9	20.6	21.4	22.2	22.6	22.7	22.9	22.3	21.2	20.5	19.8	19.5	19.0	22.9	12.0	18.1
05/12/11	17.5	17.5	17.2	17.1	16.6	16.6	16.4	20.0	22.5	23.6	24.6	25.4	26.7	28.2	29.3	29.7	28.7	28.3	27.5	25.9	24.6	23.5	23.7	22.2	29.7	16.4	23.1
05/13/11	21.9	21.4	20.9	20.8	20.5	21.0	22.4	24.5	26.3	27.9	29.6	30.4	31.8	32.2	32.6	32.7	32.8	32.8	31.8	29.7	28.6	26.3	25.5	24.9	32.8	20.5	27.0
05/14/11	24.0	23.2	22.5	20.8	19.8	18.8	19.3	22.7	24.1	25.4	26.7	27.3	28.5	29.4	29.0	29.7	29.5	29.3	28.3	26.5	25.1	23.9	22.9	22.0	29.7	18.8	24.9
05/15/11	21.8	21.3	19.8	19.7	19.6	18.8	19.4	22.2	23.7	25.0	26.1	27.1	28.9	29.4	30.0	30.5	30.0	29.0	27.7	25.3	23.5	22.2	21.0	20.1	30.5	18.8	24.2
05/16/11	19.2	18.8	17.6	17.3	16.6	16.3	17.0	19.2	20.6	22.2	23.8	24.6	25.3	26.0	27.4	27.8	27.2	26.1	24.5	22.7	21.1	19.8	18.2	17.4	27.8	16.3	21.5
05/17/11	16.6	15.7	15.2	14.9	14.7	13.9	14.3	15.9	16.6	17.7	18.8	19.7	20.7	21.2	21.8	21.4	21.3	20.6	20.0	18.7	18.0	17.3	16.5	16.2	21.8	13.9	17.8
05/18/11	15.8	15.5	15.0	14.2	14.2	14.4	14.8	15.0	15.6	15.5	15.3	15.8	16.7	17.9	18.3	19.3	18.9	17.4	15.1	14.1	14.2	13.2	11.5	11.7	19.3	11.5	15.4
05/19/11	12.2	11.5	10.7	10.9	10.4	10.1	10.5	11.3	12.5	14.0	15.3	15.8	17.0	17.8	18.8	19.0	19.5	18.8	18.7	17.5	16.6	15.5	15.2	14.8	19.5	10.1	14.8
05/20/11	14.5	14.1	13.7	13.2	12.7	12.5	13.6	16.0	17.9	19.1	20.0	20.8	21.8	22.8	23.7	24.2	24.2	24.1	23.6	22.4	20.8	19.9	19.6	19.9	24.2	12.5	19.0
05/21/11	18.9	18.1	18.0	17.5	18.4	16.9	17.0	20.6	22.6	24.5	25.7	26.3	26.8	27.7	28.4	29.0	28.7	28.3	27.5	25.7	24.5	23.1	22.0	21.2	29.0	16.9	23.2
05/22/11	20.8	19.9	19.2	19.2	18.7	17.9	19.0	22.0	23.6	24.7	25.8	27.0	27.5	28.3	28.5	28.8	28.8	28.4	27.9	26.3	24.7	23.6	22.5	21.8	28.8	17.9	23.9
05/23/11	20.2	19.8	19.4	19.2	17.8	17.4	18.2	21.2	22.1	23.3	23.9	25.4	26.1	28.0	28.5	28.1	28.4	27.9	26.3	24.8	23.9	22.8	22.1	21.0	28.5	17.4	23.2
05/24/11	19.9	18.7	17.7	17.1	16.1	15.6	16.9	18.6	19.8	20.7	21.3	22.8	23.5	24.4	25.3	25.7	25.6	25.2	24.8	23.6	22.7	21.7	21.9	20.3	25.7	15.6	21.2
05/25/11	19.9	19.4	18.7	18.2	18.4	17.7	18.8	22.3	24.3	26.1	26.9	27.7	28.7	30.3	30.5	31.0	30.7	30.0	29.3	27.4	26.8	24.6	23.8	23.2	31.0	17.7	24.8
05/26/11	22.4	22.5	22.0	21.2	20.8	20.4	21.6	24.4	25.7	26.8	29.1	28.8	29.9	30.0	30.8	31.4	31.2	30.7	30.2	28.3	27.1	25.7	25.1	23.3	31.4	20.4	26.2
05/27/11	22.6	22.1	22.5	21.8	20.9	20.3	21.7	24.3	26.6	27.4	28.5	29.5	30.1	31.3	31.9	32.6	32.4	32.1	31.4	29.9	28.6	26.9	26.2	25.4	32.6	20.3	27.0
05/28/11	25.5	25.9	25.1	23.5	22.2	21.7	22.5	25.4	26.9	28.8	29.7	30.7	30.8	31.4	32.6	32.9	33.0	32.6	32.1	30.7	29.2	27.8	26.4	25.5	33.0	21.7	28.0
05/29/11	24.6	23.4	22.1	21.2	21.2	20.8	21.1	22.8	24.4	25.1	24.8	26.0	26.9	27.9	27.7	27.9	27.4	26.9	25.7	23.6	22.3	20.8	19.1	17.4	27.9	17.4	23.8
05/30/11	16.2	15.2	14.5	14.1	13.5	12.9	13.3	15.2	16.5	18.0	19.3	20.6	21.8	22.9	23.6	23.9	24.7	24.5	24.1	22.7	21.7	20.7	18.8	18.3	24.7	12.9	19.0
05/31/11	17.8	17.6	17.8	18.0	17.7	18.8	20.6	23.3	25.3	27.0	28.4	30.0	31.0	32.2	33.0	32.9	31.5	30.6	29.7	28.5	27.1	26.5	24.8	33.0	17.6	25.6	

Hourly Averages

19.4 18.9 18.4 17.9 17.5 17.0 17.6 19.7 21.2 22.6 23.7 24.8 25.7 26.5 27.1 27.3 27.2 26.7 25.9 24.3 23.2 22.1 21.1 20.4

Maximum Hourly Temperature: 33.0

Minimum Hourly Temperature: 10.1

Average Monthly Temperature: 22.3

Maximum 24-Hour Mean: 28.0

Minimum 24-Hour Mean: 14.8

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

TEMPERATURE (°C)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
06/01/11	23.3	22.4	22.5	23.0	23.0	22.2	22.4	23.6	24.9	27.1	28.5	30.2	31.4	31.5	31.6	31.1	31.5	32.0	29.3	27.8	26.2	25.4	24.3	23.6	32.0	22.2	26.6	
06/02/11	22.8	22.5	22.2	20.1	21.1	18.8	19.8	23.2	25.0	26.0	26.7	27.6	27.7	28.7	29.2	29.2	29.3	28.9	28.3	26.3	25.0	23.0	21.8	21.3	29.3	18.8	24.8	
06/03/11	20.7	20.0	19.5	19.5	18.9	19.3	21.1	23.6	25.5	26.4	27.8	29.0	30.1	30.8	30.8	31.2	30.9	31.3	30.5	28.7	27.1	24.6	25.1	24.1	31.3	18.9	25.7	
06/04/11	23.7	22.0	22.4	22.0	21.7	22.7	23.2	25.2	27.6	29.9	31.8	32.7	33.3	34.0	33.9	33.9	34.2	34.3	33.2	31.4	30.2	28.7	26.6	26.1	34.3	21.7	28.5	
06/05/11	25.1	24.6	24.4	23.2	22.9	23.3	25.6	27.7	29.4	31.1	32.3	33.4	33.6	34.4	35.1	35.1	35.2	34.6	34.0	32.3	31.2	29.2	27.7	27.3	35.2	22.9	29.7	
06/06/11	26.5	26.4	25.4	25.1	25.1	24.0	25.1	28.0	29.5	30.9	31.2	31.8	32.6	33.3	33.0	32.3	31.8	30.9	29.4	27.6	26.1	24.9	23.6	22.1	33.3	22.1	28.2	
06/07/11	21.8	21.6	21.0	20.3	18.8	19.2	20.5	23.8	25.1	26.4	28.4	29.1	29.9	30.7	30.7	30.7	30.9	31.0	30.8	29.1	27.5	26.0	24.3	24.1	31.0	18.8	25.9	
06/08/11	23.5	23.2	22.3	20.8	20.1	19.4	20.2	23.5	25.2	26.2	27.5	28.8	30.7	31.1	31.4	31.0	30.6	30.1	29.4	27.7	26.0	25.0	23.6	22.2	31.4	19.4	25.8	
06/09/11	21.5	21.6	20.8	20.3	19.5	19.4	20.5	24.0	25.8	27.5	28.9	29.9	30.4	30.6	31.2	31.4	31.8	31.3	30.0	28.5	27.8	26.3	24.8	25.1	31.8	19.4	26.2	
06/10/11	23.0	23.1	22.5	21.7	21.3	21.0	21.7	25.6	27.1	28.4	29.6	30.4	31.1	31.3	32.1	32.3	32.5	32.3	31.6	30.1	28.8	27.4	26.2	25.0	32.5	21.0	27.3	
06/11/11	24.8	24.4	22.7	22.0	21.2	22.0	22.9	25.1	27.3	28.1	29.6	30.4	31.5	32.0	31.6	32.3	32.9	32.4	32.3	30.8	29.2	27.9	27.6	26.1	32.9	21.2	27.8	
06/12/11	25.2	24.4	23.9	23.0	23.0	22.6	23.5	26.7	28.5	29.6	30.8	31.6	32.3	33.4	33.6	33.9	34.2	34.0	33.2	31.6	29.8	28.2	26.8	25.6	34.2	22.6	28.7	
06/13/11	24.3	23.1	22.6	22.3	21.9	20.6	22.6	26.1	28.2	29.3	30.3	31.7	32.1	33.1	32.9	33.3	32.9	32.9	32.5	30.8	29.4	28.0	26.7	25.4	33.3	20.6	28.0	
06/14/11	25.0	24.5	24.2	23.3	22.4	22.3	23.7	27.3	28.7	30.7	31.9	32.7	33.5	33.8	34.8	34.7	34.8	34.3	33.6	32.0	30.9	29.1	28.1	27.2	34.8	22.3	29.3	
06/15/11	26.8	26.7	25.7	25.1	24.6	24.2	24.9	28.8	30.3	31.8	33.1	33.8	34.6	35.4	35.4	35.7	35.8	35.7	35.5	35.2	33.7	32.5	30.8	29.5	28.4	35.8	24.2	30.8
06/16/11	27.6	27.1	26.8	26.0	25.5	25.6	25.5	29.1	30.4	31.1	31.8	32.9	33.2	33.6	33.7	33.9	34.4	34.1	33.8	32.4	30.8	29.5	28.5	27.6	34.4	25.5	30.2	
06/17/11	26.3	26.4	25.7	24.4	24.5	24.3	25.4	27.5	29.1	29.9	30.8	31.9	33.6	34.1	34.9	34.7	34.9	34.4	33.9	32.3	30.5	29.5	28.8	27.2	34.9	24.3	29.8	
06/18/11	25.8	25.6	24.5	24.5	23.8	24.0	24.8	27.3	28.5	30.0	30.9	32.6	33.5	33.7	34.4	34.8	35.3	34.8	34.5	32.6	30.6	28.3	27.2	27.2	35.3	23.8	29.6	
06/19/11	26.4	26.0	26.0	25.5	25.4	24.4	24.8	27.0	28.1	29.2	30.4	30.5	30.8	31.5	32.0	32.7	32.5	32.2	31.0	29.8	28.5	27.9	27.1	25.6	32.7	24.4	28.6	
06/20/11	25.7	24.6	24.2	23.6	23.4	22.9	23.7	26.0	27.5	28.4	29.9	30.8	31.0	31.6	31.6	32.0	32.1	32.1	31.8	30.7	29.6	28.4	27.2	32.1	22.9	28.1		
06/21/11	26.1	25.8	25.7	24.9	25.0	25.0	25.7	28.5	30.5	32.6	34.4	34.1	35.2	35.9	36.4	36.2	36.3	36.1	35.5	34.0	32.8	30.6	30.3	30.0	36.4	24.9	31.1	
06/22/11	29.0	28.6	28.1	27.6	27.3	27.3	27.3	30.4	32.5	34.1	35.1	35.6	36.5	37.1	37.9	38.0	38.1	37.9	37.2	35.5	34.3	33.0	31.3	31.2	38.1	27.3	33.0	
06/23/11	31.1	29.7	29.2	29.8	27.4	27.5	27.5	31.1	31.7	32.5	33.6	34.7	35.4	36.1	36.6	36.9	37.0	36.7	36.2	34.8	33.5	32.3	31.5	30.6	37.0	27.4	32.6	
06/24/11	29.4	29.3	27.6	27.7	27.3	26.2	26.8	30.2	31.3	32.7	33.5	34.0	35.1	35.8	36.6	36.5	36.9	36.6	36.1	34.9	33.9	32.7	30.9	30.0	36.9	26.2	32.2	
06/25/11	29.5	28.6	27.9	27.5	26.5	26.5	27.3	29.8	31.6	32.5	34.7	35.5	36.3	37.3	37.7	37.9	38.0	37.5	36.8	35.5	33.9	33.3	32.1	31.0	38.0	26.5	32.7	
06/26/11	30.7	31.3	29.1	28.7	28.3	29.3	30.0	31.8	33.9	35.4	36.2	36.7	37.5	38.1	38.5	38.5	38.4	38.2	37.5	36.3	34.9	33.6	34.1	33.6	38.5	28.3	34.2	
06/27/11	30.8	30.4	30.3	30.3	29.1	29.6	30.5	33.2	35.0	37.1	38.5	38.9	39.2	39.8	40.0	40.4	40.4	40.4	39.6	39.1	37.7	36.8	35.6	35.4	34.0	40.4	29.1	35.5
06/28/11	32.8	31.6	30.9	31.6	30.2	31.0	32.8	33.3	34.3	36.0	35.8	37.1	38.4	37.8	37.7	39.0	37.5	38.0	37.3	35.7	34.2	33.1	33.2	33.0	39.0	30.2	34.7	
06/29/11	31.9	31.2	30.2	29.4	29.1	28.4	28.0	30.3	31.6	33.0	33.9	35.6	35.9	36.8	36.8	36.9	36.8	36.9	36.2	35.3	34.7	33.7	32.2	31.2	36.9	28.0	33.2	
06/30/11	30.6	29.7	29.3	28.5	27.2	26.5	26.5	28.6	30.2	31.0	31.7	32.4	34.1	34.9	35.0	35.4	35.5	34.9	33.6	32.3	31.4	30.3	29.0	35.5	26.5	31.4		

Hourly Averages

26.4 25.9 25.2 24.7 24.2 24.0 24.8 27.5 29.1 30.5 31.7 32.5 33.3 33.9 34.2 34.4 34.4 34.2 33.5 32.0 30.6 29.2 28.2 27.4

Maximum Hourly Temperature: 40.4

Minimum Hourly Temperature: 18.8

Average Monthly Temperature: 29.7

Maximum 24-Hour Mean: 35.5

Minimum 24-Hour Mean: 24.8

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC2-E

HOURLY RELATIVE HUMIDITY DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

RELATIVE HUMIDITY (%)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
04/01/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/02/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/03/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/04/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/05/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/06/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/07/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/08/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/09/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/10/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/11/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/12/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/13/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/14/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/15/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/16/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/17/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/18/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/19/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/20/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/21/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/22/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/23/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/24/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/25/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/26/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/27/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/28/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/29/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
04/30/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
Hourly Averages		INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
Maximum Hourly Humidity: INV												Minimum Hourly Humidity: INV																
Total Number of Observations: 0						Possible Number of Observations: 720						INV = Invalid Data												ND = No Data Collection				

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

RELATIVE HUMIDITY (%)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
05/01/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/02/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/03/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/04/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/05/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/06/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/07/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/08/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/09/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/10/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/11/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/12/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/13/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/14/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/15/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/16/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/17/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/18/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/19/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/20/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/21/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/22/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/23/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/24/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/25/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/26/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/27/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/28/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/29/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/30/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/31/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV

Hourly Averages

INV INV

Maximum Hourly Humidity: INV

Minimum Hourly Humidity: INV

Total Number of Observations: 0

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

RELATIVE HUMIDITY (%)

Day	Hour																								Max	Min	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
06/01/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/02/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/03/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/04/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/05/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/06/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/07/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/08/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/09/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/10/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/11/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/12/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/13/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/14/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/15/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/16/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/17/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/18/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/19/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/20/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/21/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/22/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/23/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/24/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/25/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/26/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/27/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/28/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/29/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
06/30/11	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
Hourly Averages		INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
Maximum Hourly Humidity: INV												Minimum Hourly Humidity: INV																
Total Number of Observations: 0						Possible Number of Observations: 720						INV = Invalid Data												ND = No Data Collection				

APPENDIX KC2-F
HOURLY BAROMETRIC PRESSURE DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

BAROMETRIC PRESSURE (in Hg)

Day	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	Min	Avg
04/01/11	26.89	26.87	26.86	26.85	26.84	26.86	26.87	26.88	26.90	26.91	26.91	26.89	26.87	26.84	26.81	26.80	26.79	26.79	26.80	26.81	26.83	26.84	26.84	26.91	26.79	26.85		
04/02/11	26.84	26.84	26.84	26.84	26.83	26.84	26.86	26.87	26.88	26.89	26.90	26.89	26.87	26.85	26.83	26.80	26.78	26.77	26.78	26.79	26.82	26.83	26.85	26.90	26.77	26.84		
04/03/11	26.85	26.86	26.85	26.83	26.83	26.83	26.84	26.86	26.87	26.88	26.87	26.88	26.87	26.85	26.83	26.81	26.80	26.80	26.81	26.82	26.84	26.87	26.90	26.93	26.80	26.85		
04/04/11	26.95	26.96	26.96	26.97	26.98	26.99	27.00	27.03	27.06	27.07	27.09	27.08	27.07	27.06	27.03	27.00	26.98	26.97	26.97	26.99	27.00	27.01	27.01	27.09	26.95	27.01		
04/05/11	27.01	27.01	27.00	26.98	26.97	26.95	26.96	26.98	26.97	26.96	26.96	26.95	26.92	26.89	26.87	26.84	26.83	26.83	26.83	26.85	26.87	26.88	26.88	27.01	26.83	26.92		
04/06/11	26.88	26.88	26.88	26.87	26.87	26.87	26.87	26.88	26.91	26.91	26.89	26.88	26.90	26.94	26.97	26.90	26.90	26.88	26.86	26.85	26.86	26.86	26.85	26.97	26.85	26.88		
04/07/11	26.85	26.84	26.83	26.82	26.81	26.81	26.82	26.83	26.84	26.85	26.84	26.84	26.82	26.80	26.78	26.76	26.73	26.72	26.71	26.71	26.72	26.74	26.75	26.85	26.71	26.79		
04/08/11	26.75	26.75	26.74	26.73	26.72	26.72	26.73	26.74	26.75	26.76	26.75	26.75	26.74	26.72	26.72	26.70	26.69	26.68	26.68	26.70	26.71	26.72	26.73	26.74	26.76	26.73		
04/09/11	26.75	26.75	26.75	26.74	26.72	26.74	26.76	26.78	26.81	26.83	26.87	26.90	26.92	26.93	26.94	26.92	26.92	26.93	26.94	26.95	26.98	27.02	27.02	27.02	26.72	26.87		
04/10/11	27.02	27.02	27.02	27.01	27.02	27.02	27.04	27.05	27.07	27.09	27.10	27.11	27.11	27.11	27.11	27.11	27.11	27.10	27.10	27.11	27.11	27.13	27.15	27.16	27.16	27.01	27.08	
04/11/11	27.16	27.15	27.13	27.12	27.11	27.11	27.10	27.12	27.12	27.11	27.10	27.10	27.07	27.04	27.00	26.98	26.95	26.94	26.92	26.90	26.91	26.91	26.90	26.89	27.16	26.89	27.04	
04/12/11	26.89	26.89	26.89	26.89	26.88	26.87	26.88	26.89	26.91	26.90	26.92	26.93	26.91	26.92	26.91	26.90	26.89	26.88	26.88	26.89	26.90	26.92	26.93	26.93	26.87	26.90		
04/13/11	26.92	26.92	26.91	26.92	26.92	26.93	26.95	26.97	26.97	26.97	26.97	26.97	26.97	26.95	26.94	26.93	26.90	26.88	26.88	26.89	26.89	26.92	26.94	26.95	26.97	26.88	26.93	
04/14/11	26.95	26.96	26.96	26.95	26.97	26.97	26.99	27.01	27.04	27.06	27.07	27.07	27.05	27.04	27.02	27.01	26.99	26.98	26.98	27.00	27.01	27.03	27.02	27.02	27.07	26.95	27.01	
04/15/11	27.03	27.02	27.01	27.00	27.00	27.01	27.03	27.03	27.03	27.04	27.03	27.01	26.98	26.96	26.93	26.90	26.89	26.88	26.89	26.90	26.91	26.91	26.90	27.04	26.88	26.97		
04/16/11	26.90	26.89	26.88	26.88	26.87	26.87	26.88	26.89	26.89	26.89	26.88	26.86	26.84	26.83	26.83	26.81	26.80	26.79	26.79	26.80	26.81	26.83	26.83	26.90	26.79	26.85		
04/17/11	26.83	26.83	26.82	26.82	26.81	26.81	26.82	26.84	26.85	26.87	26.87	26.87	26.85	26.83	26.82	26.80	26.78	26.78	26.78	26.77	26.79	26.81	26.83	26.84	26.87	26.76	26.82	
04/18/11	26.84	26.84	26.84	26.83	26.82	26.82	26.83	26.84	26.86	26.85	26.86	26.85	26.83	26.81	26.79	26.77	26.74	26.73	26.72	26.73	26.75	26.78	26.78	26.86	26.72	26.80		
04/19/11	26.81	26.81	26.82	26.82	26.81	26.81	26.83	26.86	26.87	26.89	26.89	26.89	26.88	26.87	26.86	26.85	26.82	26.82	26.83	26.84	26.85	26.87	26.88	26.89	26.81	26.85		
04/20/11	26.89	26.88	26.88	26.89	26.89	26.89	26.89	26.90	26.92	26.93	26.94	26.94	26.93	26.92	26.91	26.90	26.88	26.88	26.87	26.87	26.88	26.89	26.90	26.94	26.86	26.90		
04/21/11	26.91	26.91	26.90	26.89	26.89	26.89	26.90	26.92	26.93	26.93	26.94	26.93	26.93	26.92	26.90	26.89	26.87	26.86	26.86	26.84	26.83	26.85	26.86	26.94	26.83	26.89		
04/22/11	26.85	26.84	26.83	26.84	26.84	26.83	26.84	26.86	26.87	26.87	26.88	26.87	26.85	26.85	26.84	26.81	26.79	26.78	26.78	26.78	26.79	26.80	26.80	26.88	26.78	26.83		
04/23/11	26.81	26.82	26.80	26.81	26.80	26.80	26.81	26.82	26.84	26.84	26.83	26.83	26.82	26.81	26.79	26.78	26.77	26.77	26.76	26.78	26.79	26.80	26.81	26.84	26.76	26.81		
04/24/11	26.81	26.81	26.81	26.81	26.82	26.82	26.83	26.85	26.87	26.88	26.88	26.88	26.86	26.86	26.83	26.81	26.79	26.77	26.77	26.78	26.81	26.82	26.84	26.88	26.77	26.82		
04/25/11	26.85	26.87	26.88	26.88	26.87	26.87	26.90	26.93	26.94	26.95	26.96	26.95	26.93	26.91	26.89	26.87	26.85	26.82	26.82	26.81	26.80	26.79	26.78	26.96	26.78	26.87		
04/26/11	26.78	26.76	26.75	26.74	26.73	26.71	26.74	26.77	26.78	26.78	26.80	26.81	26.78	26.78	26.75	26.73	26.73	26.74	26.75	26.75	26.78	26.81	26.84	26.84	26.71	26.77		
04/27/11	26.86	26.87	26.87	26.88	26.89	26.90	26.93	26.94	26.94	26.96	26.98	26.98	26.97	26.96	26.95	26.94	26.93	26.93	26.94	26.95	26.97	27.00	27.00	27.00	26.86	26.94		
04/28/11	27.00	27.00	26.99	26.98	26.98	26.98	26.99	27.00	27.01	27.01	27.02	26.99	26.97	26.96	26.93	26.91	26.89	26.89	26.88	26.88	26.88	26.88	26.86	27.02	26.86	26.95		
04/29/11	26.85	26.85	26.83	26.84	26.82	26.82	26.83	26.84	26.85	26.85	26.84	26.84	26.83	26.81	26.79	26.77	26.76	26.76	26.75	26.75	26.76	26.76	26.85	26.75	26.80			
04/30/11	26.77	26.77	26.77	26.77	26.77	26.79	26.79	26.81	26.82	26.83	26.84	26.84	26.82	26.82	26.81	26.79	26.78	26.78	26.78	26.79	26.81	26.83	26.85	26.85	26.77	26.80		

Hourly Averages

26.88 26.88 26.88 26.87 26.87 26.88 26.90 26.91 26.92 26.92 26.92 26.91 26.91 26.90 26.88 26.86 26.86 26.85 26.85 26.84 26.84 26.83 26.83 26.82 26.82 26.88

Maximum Hourly Pressure: 27.16

Minimum Hourly Pressure: 26.68

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

BAROMETRIC PRESSURE (in Hg)

Day	Hour																								Max	Min	Avg				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24							
05/01/11	26.85	26.85	26.83	26.84	26.85	26.85	26.87	26.90	26.91	26.93	26.94	26.94	26.95	26.95	26.94	26.92	26.92	26.93	26.93	26.95	26.98	27.01	27.03	27.04	27.04	26.83	26.92				
05/02/11	27.05	27.06	27.08	27.07	27.09	27.10	27.13	27.15	27.17	27.17	27.17	27.16	27.15	27.12	27.10	27.09	27.07	27.06	27.05	27.04	27.06	27.08	27.09	27.09	27.17	27.04	27.10				
05/03/11	27.11	27.11	27.11	27.11	27.11	27.12	27.11	27.12	27.11	27.11	27.11	27.12	27.11	27.11	27.09	27.07	27.04	27.02	27.00	26.97	26.97	26.96	26.95	26.96	26.97	26.98	26.98	27.12	26.95	27.05	
05/04/11	26.98	26.98	26.96	26.96	26.96	26.96	26.98	26.99	27.00	27.02	27.02	27.01	27.00	26.98	26.98	26.97	26.97	26.97	26.96	26.96	26.97	26.98	26.99	27.00	27.02	26.96	26.98	27.02	26.90	26.97	
05/05/11	27.00	27.00	26.99	26.98	26.98	26.98	26.99	27.01	27.02	27.02	27.01	27.00	27.00	26.98	26.96	26.94	26.92	26.92	26.91	26.91	26.90	26.91	26.92	26.93	26.92	27.02	26.90	26.97	27.02	26.80	26.97
05/06/11	26.92	26.91	26.90	26.90	26.90	26.90	26.92	26.93	26.93	26.94	26.93	26.92	26.90	26.88	26.86	26.84	26.84	26.83	26.82	26.82	26.84	26.84	26.85	26.85	26.94	26.82	26.88	26.94	26.82	26.88	
05/07/11	26.85	26.85	26.84	26.84	26.84	26.84	26.85	26.86	26.87	26.88	26.88	26.87	26.86	26.84	26.82	26.80	26.79	26.78	26.77	26.77	26.78	26.79	26.80	26.81	26.88	26.77	26.83	26.88	26.77	26.83	
05/08/11	26.81	26.81	26.80	26.81	26.81	26.81	26.83	26.84	26.84	26.83	26.83	26.81	26.80	26.78	26.76	26.73	26.71	26.70	26.69	26.69	26.70	26.71	26.72	26.73	26.84	26.69	26.77	26.84	26.69	26.77	
05/09/11	26.74	26.74	26.73	26.73	26.71	26.72	26.74	26.77	26.78	26.78	26.78	26.77	26.75	26.74	26.71	26.69	26.68	26.67	26.68	26.68	26.70	26.71	26.73	26.73	26.78	26.67	26.73	26.78	26.67	26.73	
05/10/11	26.73	26.72	26.72	26.73	26.74	26.73	26.74	26.75	26.76	26.76	26.76	26.76	26.76	26.75	26.74	26.74	26.75	26.76	26.77	26.77	26.79	26.81	26.82	26.82	26.82	26.72	26.76	26.82	26.82	26.76	
05/11/11	26.83	26.83	26.83	26.83	26.84	26.84	26.86	26.88	26.90	26.91	26.91	26.92	26.92	26.91	26.90	26.89	26.87	26.88	26.89	26.91	26.92	26.94	26.94	26.94	26.94	26.84	26.88	26.94	26.83	26.88	
05/12/11	26.95	26.96	26.96	26.96	26.97	26.97	26.98	27.00	27.01	27.02	27.02	27.00	26.98	26.96	26.94	26.93	26.94	26.94	26.95	26.96	26.98	26.98	26.98	27.02	26.93	26.97	27.02	26.93	26.97		
05/13/11	26.98	26.98	26.97	26.96	26.96	26.96	26.97	26.97	26.97	26.96	26.93	26.91	26.88	26.86	26.83	26.80	26.79	26.78	26.78	26.79	26.80	26.82	26.85	26.98	26.78	26.89	26.98	26.78	26.89		
05/14/11	26.87	26.86	26.84	26.85	26.86	26.86	26.87	26.87	26.86	26.86	26.85	26.84	26.82	26.80	26.79	26.77	26.75	26.74	26.75	26.76	26.78	26.79	26.81	26.82	26.87	26.74	26.82	26.87	26.74	26.82	
05/15/11	26.82	26.82	26.82	26.82	26.82	26.82	26.83	26.85	26.87	26.88	26.89	26.89	26.88	26.86	26.84	26.83	26.81	26.81	26.81	26.81	26.83	26.84	26.87	26.89	26.81	26.84	26.89	26.81	26.84		
05/16/11	26.88	26.87	26.87	26.87	26.87	26.87	26.88	26.89	26.90	26.91	26.91	26.91	26.89	26.86	26.85	26.82	26.81	26.80	26.79	26.80	26.81	26.83	26.84	26.84	26.91	26.79	26.86	26.91	26.79		
05/17/11	26.84	26.84	26.83	26.83	26.84	26.84	26.86	26.87	26.89	26.89	26.88	26.88	26.88	26.87	26.86	26.84	26.83	26.82	26.81	26.80	26.81	26.81	26.80	26.89	26.80	26.84	26.89	26.80	26.84		
05/18/11	26.78	26.77	26.76	26.75	26.75	26.74	26.73	26.73	26.73	26.73	26.71	26.72	26.71	26.68	26.67	26.66	26.64	26.64	26.63	26.65	26.65	26.66	26.70	26.71	26.78	26.63	26.70	26.78	26.63	26.70	
05/19/11	26.70	26.71	26.72	26.72	26.73	26.73	26.75	26.76	26.76	26.80	26.81	26.81	26.82	26.82	26.81	26.81	26.81	26.81	26.81	26.82	26.83	26.85	26.87	26.88	26.70	26.79	26.88	26.70	26.79		
05/20/11	26.88	26.88	26.88	26.89	26.89	26.90	26.90	26.91	26.93	26.94	26.95	26.95	26.95	26.95	26.94	26.92	26.91	26.90	26.89	26.88	26.88	26.89	26.91	26.92	26.93	26.95	26.88	26.91			
05/21/11	26.93	26.93	26.92	26.92	26.93	26.93	26.92	26.93	26.93	26.94	26.94	26.92	26.91	26.90	26.89	26.87	26.85	26.83	26.82	26.83	26.83	26.84	26.83	26.83	26.94	26.82	26.89	26.94	26.82	26.89	
05/22/11	26.84	26.85	26.84	26.84	26.84	26.84	26.85	26.87	26.87	26.87	26.87	26.87	26.87	26.85	26.83	26.82	26.81	26.79	26.78	26.77	26.77	26.79	26.80	26.83	26.87	26.77	26.83	26.87	26.77	26.83	
05/23/11	26.84	26.83	26.83	26.83	26.83	26.84	26.84	26.86	26.86	26.88	26.88	26.87	26.86	26.85	26.83	26.81	26.78	26.77	26.75	26.73	26.74	26.76	26.77	26.79	26.80	26.88	26.73	26.82	26.88	26.73	26.82
05/24/11	26.81	26.82	26.82	26.83	26.83	26.84	26.85	26.88	26.89	26.91	26.92	26.92	26.91	26.91	26.91	26.90	26.89	26.89	26.88	26.89	26.90	26.92	26.94	26.94	26.94	26.81	26.88	26.94	26.81	26.88	
05/25/11	26.94	26.94	26.94	26.94	26.94	26.94	26.96	26.97	26.98	26.98	26.97	26.97	26.96	26.94	26.93	26.90	26.89	26.89	26.89	26.89	26.90	26.90	26.92	26.92	26.98	26.88	26.93	26.98	26.88	26.93	
05/26/11	26.91	26.90	26.90	26.89	26.90	26.91	26.92	26.93	26.92	26.92	26.92	26.92	26.92	26.90	26.88	26.88	26.83	26.83	26.81	26.82	26.83	26.84	26.85	26.86	26.93	26.81	26.88	26.93	26.81	26.88	
05/27/11	26.85	26.85	26.85	26.85	26.86	26.86	26.87	26.88	26.88	26.88	26.88	26.87	26.86	26.84	26.83	26.81	26.79	26.78	26.78	26.79	26.78	26.78	26.79	26.79	26.89	26.78	26.84	26.89	26.78	26.84	
05/28/11	26.79	26.78	26.78	26.78	26.78	26.78	26.78	26.78	26.78	26.78	26.77	26.77	26.75	26.74	26.71	26.69	26.67	26.65	26.63	26.63	26.63	26.65	26.66	26.79	26.79	26.79	26.63	26.63	26.73		
05/29/11	26.65	26.64	26.64	26.63	26.62	26.62	26.63	26.64	26.65	26.65	26.65	26.65	26.64	26.63	26.62	26.62	26.61	26.60	26.60	26.60	26.62	26.64	26.67	26.71	26.73	26.73	26.60	26.64	26.73		
05/30/11	26.74	26.75	26.76	26.77	26.79	26.80	26.83	26.86	26.88	26.91	26.91	26.93	26.93	26.94	26.93	26.93	26.92	26.92	26.91	26.92	26.93	26.95	26.96	26.97	26.98	26.98	26.74	26.88	26.98	26.74	26.88
05/31/11	26.98	26.97	26.96	26.96	26.96	26.96	26.98	26.98	27.00	27.00	27.01	27.01	27.00	26.99	26.97	26.95	26.94	26.94	26.94	26.94	26.94	26.97	26.97	27.01	27.01	26.93	26.97	27.01	26.93	26.97	

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

BAROMETRIC PRESSURE (in Hg)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	26.96	26.95	26.94	26.94	26.94	26.94	26.95	26.96	26.96	26.95	26.94	26.92	26.93	26.91	26.90	26.89	26.86	26.87	26.88	26.90	26.91	26.91	26.91	26.96	26.86	26.93	
06/02/11	26.91	26.90	26.89	26.89	26.89	26.89	26.90	26.91	26.91	26.92	26.92	26.91	26.91	26.90	26.89	26.88	26.86	26.84	26.83	26.82	26.82	26.83	26.85	26.86	26.92	26.82	26.88
06/03/11	26.86	26.86	26.86	26.85	26.86	26.86	26.87	26.88	26.89	26.89	26.88	26.88	26.87	26.86	26.85	26.83	26.82	26.82	26.83	26.84	26.86	26.88	26.89	26.89	26.82	26.86	
06/04/11	26.90	26.91	26.92	26.92	26.93	26.94	26.95	26.96	26.98	26.98	26.98	26.99	26.98	26.97	26.96	26.95	26.94	26.94	26.93	26.93	26.94	26.95	26.96	26.97	26.99	26.90	26.95
06/05/11	26.97	26.97	26.97	26.97	26.98	26.99	27.00	27.01	27.02	27.02	27.01	27.01	27.00	26.99	26.97	26.94	26.93	26.91	26.90	26.89	26.89	26.90	26.92	26.92	27.02	26.89	26.96
06/06/11	26.91	26.92	26.92	26.92	26.93	26.94	26.94	26.94	26.94	26.93	26.93	26.92	26.91	26.89	26.87	26.86	26.84	26.84	26.85	26.86	26.87	26.88	26.88	26.94	26.84	26.90	
06/07/11	26.88	26.87	26.87	26.86	26.87	26.88	26.89	26.90	26.91	26.90	26.89	26.88	26.87	26.86	26.84	26.83	26.81	26.80	26.81	26.81	26.83	26.85	26.84	26.91	26.80	26.86	
06/08/11	26.85	26.85	26.85	26.85	26.86	26.86	26.87	26.87	26.89	26.89	26.89	26.88	26.87	26.86	26.84	26.83	26.82	26.83	26.83	26.84	26.85	26.86	26.88	26.89	26.82	26.86	
06/09/11	26.88	26.88	26.87	26.87	26.88	26.88	26.90	26.91	26.91	26.91	26.90	26.89	26.88	26.87	26.85	26.85	26.84	26.84	26.84	26.85	26.86	26.87	26.87	26.91	26.84	26.87	
06/10/11	26.87	26.86	26.86	26.86	26.86	26.87	26.89	26.90	26.92	26.91	26.91	26.90	26.89	26.88	26.87	26.85	26.83	26.82	26.82	26.81	26.82	26.83	26.83	26.92	26.79	26.86	
06/11/11	26.85	26.86	26.85	26.84	26.84	26.85	26.86	26.87	26.88	26.88	26.88	26.87	26.86	26.85	26.84	26.83	26.81	26.79	26.78	26.77	26.78	26.78	26.78	26.88	26.77	26.83	
06/12/11	26.77	26.78	26.78	26.78	26.79	26.80	26.81	26.83	26.83	26.84	26.85	26.84	26.83	26.83	26.82	26.81	26.80	26.80	26.81	26.82	26.83	26.86	26.87	26.77	26.82		
06/13/11	26.87	26.88	26.88	26.89	26.90	26.92	26.93	26.94	26.95	26.95	26.94	26.93	26.92	26.90	26.90	26.89	26.87	26.86	26.86	26.87	26.89	26.91	26.92	26.95	26.86	26.90	
06/14/11	26.92	26.92	26.92	26.91	26.93	26.94	26.96	26.97	26.98	26.98	26.96	26.95	26.94	26.92	26.91	26.89	26.88	26.87	26.86	26.87	26.88	26.88	26.88	26.98	26.86	26.92	
06/15/11	26.88	26.87	26.86	26.86	26.86	26.86	26.86	26.87	26.88	26.88	26.87	26.86	26.85	26.84	26.82	26.81	26.79	26.78	26.76	26.75	26.75	26.76	26.76	26.88	26.75	26.83	
06/16/11	26.77	26.77	26.77	26.77	26.77	26.77	26.77	26.77	26.78	26.79	26.79	26.79	26.78	26.77	26.76	26.76	26.75	26.74	26.72	26.71	26.72	26.73	26.76	26.79	26.71	26.76	
06/17/11	26.79	26.79	26.79	26.79	26.79	26.80	26.82	26.83	26.84	26.85	26.85	26.84	26.83	26.81	26.80	26.79	26.78	26.78	26.78	26.79	26.81	26.84	26.85	26.85	26.78	26.81	
06/18/11	26.85	26.85	26.85	26.86	26.86	26.87	26.88	26.89	26.90	26.90	26.89	26.89	26.88	26.87	26.85	26.83	26.82	26.82	26.80	26.78	26.77	26.78	26.79	26.80	26.77	26.84	
06/19/11	26.80	26.79	26.78	26.77	26.76	26.75	26.76	26.75	26.76	26.75	26.74	26.74	26.73	26.72	26.70	26.68	26.67	26.67	26.68	26.69	26.71	26.73	26.73	26.80	26.67	26.73	
06/20/11	26.73	26.74	26.74	26.74	26.75	26.75	26.77	26.78	26.79	26.79	26.79	26.79	26.77	26.77	26.75	26.75	26.74	26.73	26.73	26.73	26.74	26.75	26.77	26.79	26.73	26.76	
06/21/11	26.77	26.77	26.77	26.77	26.78	26.79	26.80	26.82	26.82	26.83	26.83	26.84	26.83	26.81	26.80	26.79	26.78	26.77	26.77	26.78	26.79	26.80	26.82	26.84	26.77	26.80	
06/22/11	26.82	26.82	26.81	26.81	26.82	26.83	26.85	26.86	26.88	26.87	26.87	26.87	26.88	26.86	26.85	26.84	26.83	26.83	26.82	26.81	26.82	26.83	26.84	26.88	26.81	26.84	
06/23/11	26.86	26.85	26.85	26.85	26.85	26.87	26.89	26.89	26.92	26.92	26.92	26.92	26.90	26.89	26.87	26.85	26.84	26.84	26.83	26.83	26.84	26.86	26.93	26.83	26.87		
06/24/11	26.86	26.86	26.86	26.85	26.84	26.84	26.86	26.88	26.89	26.89	26.89	26.88	26.88	26.86	26.86	26.84	26.83	26.81	26.81	26.81	26.81	26.84	26.89	26.81	26.85		
06/25/11	26.83	26.82	26.81	26.81	26.79	26.80	26.82	26.84	26.86	26.86	26.87	26.86	26.84	26.83	26.82	26.80	26.80	26.79	26.79	26.80	26.81	26.82	26.83	26.87	26.79	26.82	
06/26/11	26.83	26.82	26.80	26.80	26.81	26.82	26.84	26.85	26.86	26.86	26.85	26.84	26.82	26.81	26.80	26.79	26.78	26.78	26.79	26.79	26.81	26.82	26.86	26.78	26.82		
06/27/11	26.81	26.81	26.81	26.80	26.79	26.80	26.81	26.83	26.84	26.85	26.85	26.84	26.83	26.82	26.81	26.79	26.79	26.79	26.79	26.80	26.81	26.83	26.85	26.79	26.82		
06/28/11	26.83	26.81	26.81	26.80	26.79	26.81	26.82	26.84	26.86	26.87	26.87	26.86	26.85	26.84	26.84	26.81	26.79	26.78	26.77	26.77	26.79	26.81	26.82	26.87	26.77	26.82	
06/29/11	26.83	26.84	26.88	26.86	26.83	26.83	26.85	26.86	26.88	26.89	26.89	26.88	26.86	26.84	26.82	26.80	26.79	26.77	26.76	26.75	26.77	26.80	26.82	26.89	26.75	26.83	
06/30/11	26.83	26.84	26.85	26.85	26.85	26.86	26.89	26.91	26.91	26.92	26.91	26.91	26.90	26.87	26.86	26.84	26.82	26.81	26.80	26.80	26.81	26.82	26.83	26.92	26.80	26.86	

Hourly Averages

26.85 26.85 26.85 26.84 26.85 26.85 26.86 26.88 26.89 26.89 26.88 26.88 26.86 26.85 26.85 26.85 26.85 26.83 26.82 26.82 26.81 26.81 26.82 26.82 26.84 26.84

Maximum Hourly Pressure: 27.02

Minimum Hourly Pressure: 26.67

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC2-G

HOURLY SOLAR RADIATION DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
APRIL 2011

SOLAR RADIATION (W/m²)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
04/01/11	0.0	0.0	0.0	0.0	0.0	0.0	7.0	135.3	407.3	605.2	765.2	869.0	909.0	888.0	792.3	639.2	502.6	227.5	41.4	0.3	0.0	0.0	0.0	909.0	0.0	452.6	
04/02/11	0.0	0.0	0.0	0.0	0.0	0.0	6.8	139.8	408.3	599.9	721.2	796.4	825.0	787.8	748.1	401.3	275.4	191.5	38.7	0.1	0.0	0.0	0.0	825.0	0.0	396.0	
04/03/11	0.0	0.0	0.0	0.0	0.0	0.0	12.5	178.1	368.9	585.3	747.4	838.0	876.0	857.0	770.0	635.9	477.1	221.9	34.7	0.3	0.0	0.0	0.0	876.0	0.0	440.2	
04/04/11	0.0	0.0	0.0	0.0	0.0	0.0	10.3	152.4	433.6	635.6	790.2	884.0	916.0	893.0	804.0	665.8	499.4	229.7	29.8	0.4	0.0	0.0	0.0	916.0	0.0	463.0	
04/05/11	0.0	0.0	0.0	0.0	0.0	0.0	8.2	171.6	442.6	630.4	774.0	870.0	905.0	883.0	797.9	670.9	481.1	200.0	38.8	0.3	0.0	0.0	0.0	905.0	0.0	458.3	
04/06/11	0.0	0.0	0.0	0.0	0.0	0.0	15.0	171.4	434.7	398.3	380.1	180.7	114.0	55.9	82.2	66.7	79.8	38.1	8.1	0.1	0.0	0.0	0.0	434.7	0.0	135.0	
04/07/11	0.0	0.0	0.0	0.0	0.0	0.0	10.4	178.4	426.9	613.8	761.3	859.0	845.0	566.3	582.4	576.2	397.9	183.0	20.2	0.4	0.0	0.0	0.0	859.0	0.0	401.4	
04/08/11	0.0	0.0	0.0	0.0	0.0	0.0	13.2	104.3	268.7	468.0	584.1	794.9	722.9	534.1	478.0	353.9	234.2	132.8	30.8	0.3	0.0	0.0	0.0	794.9	0.0	314.7	
04/09/11	0.0	0.0	0.0	0.0	0.0	0.0	4.1	24.3	60.4	81.0	119.7	160.7	200.3	183.5	175.6	154.3	121.4	73.3	31.5	0.5	0.0	0.0	0.0	200.3	0.0	92.7	
04/10/11	0.0	0.0	0.0	0.0	0.0	0.1	21.2	168.8	458.3	648.5	771.6	485.2	750.9	732.6	805.0	677.8	448.8	181.7	28.1	0.7	0.0	0.0	0.0	805.0	0.1	411.9	
04/11/11	0.0	0.0	0.0	0.0	0.0	0.1	10.9	219.5	472.1	657.6	805.0	898.0	933.0	884.0	827.0	674.4	382.4	140.2	41.8	0.6	0.0	0.0	0.0	933.0	0.1	463.1	
04/12/11	0.0	0.0	0.0	0.0	0.0	0.1	16.7	108.6	347.4	640.4	791.2	884.0	920.0	895.0	807.0	670.4	492.9	155.6	41.4	0.7	0.0	0.0	0.0	920.0	0.1	451.4	
04/13/11	0.0	0.0	0.0	0.0	0.0	0.1	14.5	222.5	453.0	641.6	789.9	881.0	918.0	892.0	803.0	661.1	478.1	152.8	43.3	0.6	0.0	0.0	0.0	918.0	0.1	463.4	
04/14/11	0.0	0.0	0.0	0.0	0.0	0.2	22.6	223.7	457.6	644.8	789.6	884.0	921.0	892.0	806.0	668.6	477.4	144.6	43.4	0.9	0.0	0.0	0.0	921.0	0.2	465.1	
04/15/11	0.0	0.0	0.0	0.0	0.0	0.5	31.9	213.6	458.0	666.2	809.0	907.0	939.0	905.0	812.0	681.3	499.1	124.4	44.4	1.2	0.0	0.0	0.0	939.0	0.5	472.8	
04/16/11	0.0	0.0	0.0	0.0	0.0	0.2	20.9	239.5	474.2	662.3	809.0	899.0	931.0	903.0	812.0	678.0	498.0	106.6	51.7	0.9	0.0	0.0	0.0	931.0	0.2	472.4	
04/17/11	0.0	0.0	0.0	0.0	0.0	0.2	20.9	235.6	466.4	643.2	791.0	899.0	929.0	900.0	813.0	662.5	481.3	98.3	44.7	1.1	0.0	0.0	0.0	929.0	0.2	465.7	
04/18/11	0.0	0.0	0.0	0.0	0.0	0.3	39.4	242.4	482.3	647.0	801.0	892.0	923.0	891.0	805.0	670.2	440.7	138.1	48.8	2.0	0.0	0.0	0.0	923.0	0.3	468.2	
04/19/11	0.0	0.0	0.0	0.0	0.0	0.4	25.5	241.2	470.0	654.8	797.2	885.0	889.0	857.0	744.1	606.9	361.2	147.5	53.5	1.6	0.0	0.0	0.0	889.0	0.4	449.0	
04/20/11	0.0	0.0	0.0	0.0	0.0	0.4	29.4	238.2	470.5	638.0	764.9	746.6	782.9	839.0	709.3	663.2	494.6	53.3	44.2	1.4	0.0	0.0	0.0	839.0	0.4	431.7	
04/21/11	0.0	0.0	0.0	0.0	0.0	0.6	28.0	245.7	473.9	658.1	803.0	894.0	923.0	902.0	817.0	679.9	495.4	50.3	43.1	1.5	0.0	0.0	0.0	923.0	0.6	467.7	
04/22/11	0.0	0.0	0.0	0.0	0.0	0.7	27.5	250.3	481.6	664.8	810.0	898.0	930.0	905.0	817.0	679.2	486.8	38.3	38.7	1.6	0.0	0.0	0.0	930.0	0.7	468.6	
04/23/11	0.0	0.0	0.0	0.0	0.0	0.8	40.0	192.3	275.5	336.0	766.3	882.0	884.0	876.0	743.9	655.3	439.7	54.3	28.7	1.6	0.0	0.0	0.0	884.0	0.8	411.8	
04/24/11	0.0	0.0	0.0	0.0	0.0	0.8	37.4	243.5	468.9	655.3	774.1	881.0	866.0	921.0	772.3	691.0	439.9	68.5	35.8	1.4	0.0	0.0	0.0	921.0	0.8	457.1	
04/25/11	0.0	0.0	0.0	0.0	0.0	0.8	41.4	240.5	468.3	670.4	815.0	907.0	908.0	846.0	749.2	664.4	438.3	60.5	36.3	2.1	0.0	0.0	0.0	908.0	0.8	456.5	
04/26/11	0.0	0.0	0.0	0.0	0.0	1.0	38.8	263.5	496.9	679.3	820.0	906.0	932.0	902.0	817.0	691.4	445.2	43.2	31.4	2.3	0.0	0.0	0.0	932.0	1.0	471.3	
04/27/11	0.0	0.0	0.0	0.0	0.0	1.3	38.2	290.8	527.2	711.4	849.0	931.0	957.0	923.0	839.0	700.4	441.4	29.2	25.5	2.3	0.0	0.0	0.0	957.0	1.3	484.4	
04/28/11	0.0	0.0	0.0	0.0	0.0	1.3	39.9	281.3	513.9	696.6	837.0	923.0	954.0	923.0	841.0	703.3	433.5	34.0	28.6	2.2	0.0	0.0	0.0	954.0	1.3	480.8	
04/29/11	0.0	0.0	0.0	0.0	0.0	1.5	45.2	285.3	517.1	699.1	837.0	922.0	947.0	916.0	834.0	695.4	420.5	41.0	36.3	2.7	0.0	0.0	0.0	947.0	1.5	480.0	
04/30/11	0.0	0.0	0.0	0.0	0.0	1.8	49.9	284.8	520.4	704.4	845.0	932.0	959.0	927.0	846.0	711.6	422.4	47.8	45.4	2.9	0.0	0.0	0.0	959.0	1.8	486.7	

Hourly Averages

0.0 0.0 0.0 0.0 0.4 24.3 206.2 433.5 607.9 750.6 819.7 847.0 809.3 735.0 611.7 419.5 113.6 37.0 1.2 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 959.0 **Minimum Hourly Radiation:** 0.0 **Average Monthly Radiation:** 427.8

Maximum 24-Hour Mean: 486.7 **Minimum 24-Hour Mean:** 92.7

Total Number of Observations: 720 **Possible Number of Observations:** 720 INV = Invalid Data

ND = No Data Collection

Note: All Statistics Based on Daylight Hours

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

SOLAR RADIATION (W/m²)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
05/01/11	0.0	0.0	0.0	0.0	0.0	2.0	54.1	314.1	563.7	748.6	878.0	967.0	993.0	962.0	855.0	724.8	331.1	44.6	43.6	3.3	0.0	0.0	0.0	0.0	993.0	2.0	499.0
05/02/11	0.0	0.0	0.0	0.0	0.0	2.1	57.7	322.7	563.9	749.7	890.0	966.0	986.0	950.0	866.0	728.5	408.1	35.0	51.1	3.2	0.0	0.0	0.0	0.0	986.0	2.1	505.3
05/03/11	0.0	0.0	0.0	0.0	0.0	2.3	59.4	311.8	545.8	729.7	867.0	947.0	972.0	937.0	855.0	716.0	391.9	40.9	57.8	3.7	0.0	0.0	0.0	0.0	972.0	2.3	495.8
05/04/11	0.0	0.0	0.0	0.0	0.0	3.2	64.7	281.5	405.1	601.5	692.1	776.2	956.0	857.0	526.2	343.3	281.9	110.6	59.2	4.6	0.0	0.0	0.0	0.0	956.0	3.2	397.5
05/05/11	0.0	0.0	0.0	0.0	0.0	2.8	69.3	306.3	532.1	717.2	857.0	945.0	971.0	936.0	858.0	682.1	334.2	89.7	71.7	5.3	0.0	0.0	0.0	0.0	971.0	2.8	491.8
05/06/11	0.0	0.0	0.0	0.0	0.0	2.9	68.9	303.9	528.0	711.2	851.0	936.0	958.0	846.0	710.7	359.9	49.9	62.0	4.4	0.0	0.0	0.0	0.0	958.0	2.9	488.1	
05/07/11	0.0	0.0	0.0	0.0	0.0	2.9	69.8	308.0	533.7	714.4	853.0	937.0	965.0	937.0	852.0	716.5	350.8	43.6	59.5	4.8	0.0	0.0	0.0	0.0	965.0	2.9	489.9
05/08/11	0.0	0.0	0.0	0.0	0.0	3.4	71.9	316.7	538.2	714.4	853.0	940.0	966.0	927.0	828.0	685.8	316.0	70.0	53.2	2.0	0.0	0.0	0.0	0.0	966.0	2.0	485.7
05/09/11	0.0	0.0	0.0	0.0	0.0	4.2	115.9	188.2	201.6	337.5	814.0	904.0	992.0	983.0	651.9	703.2	324.9	55.6	54.9	6.0	0.0	0.0	0.0	0.0	992.0	4.2	422.5
05/10/11	0.0	0.0	0.0	0.0	0.0	3.8	77.3	312.4	546.7	605.7	594.0	779.5	913.0	707.2	750.0	722.8	333.1	55.6	42.6	4.9	0.0	0.0	0.0	0.0	913.0	3.8	429.9
05/11/11	0.0	0.0	0.0	0.0	0.0	3.4	78.3	328.4	542.0	719.0	854.0	938.0	961.0	928.0	848.0	710.6	311.4	45.2	48.9	5.7	0.0	0.0	0.0	0.0	961.0	3.4	488.1
05/12/11	0.0	0.0	0.0	0.0	0.0	3.4	80.1	325.0	540.3	720.2	861.0	941.0	968.0	934.0	855.0	718.6	300.3	43.4	64.5	6.1	0.0	0.0	0.0	0.0	968.0	3.4	490.7
05/13/11	0.0	0.0	0.0	0.0	0.0	3.7	79.7	324.7	542.3	721.3	861.0	939.0	967.0	938.0	860.0	720.1	290.8	48.8	62.8	6.7	0.0	0.0	0.0	0.0	967.0	3.7	491.1
05/14/11	0.0	0.0	0.0	0.0	0.0	3.9	81.8	324.1	537.5	714.3	850.0	934.0	962.0	928.0	845.0	713.4	291.3	56.6	56.7	7.1	0.0	0.0	0.0	0.0	962.0	3.9	487.0
05/15/11	0.0	0.0	0.0	0.0	0.0	4.1	81.0	332.2	546.3	724.4	860.0	945.0	971.0	939.0	857.0	717.0	289.7	60.1	51.4	7.6	0.0	0.0	0.0	0.0	971.0	4.1	492.4
05/16/11	0.0	0.0	0.0	0.0	0.0	4.8	89.5	344.4	501.4	723.8	859.0	947.0	972.0	935.0	853.0	711.1	289.8	67.2	49.9	7.1	0.0	0.0	0.0	0.0	972.0	4.8	490.3
05/17/11	0.0	0.0	0.0	0.0	0.0	4.4	83.5	330.0	537.8	676.2	841.0	943.0	912.0	810.0	840.0	668.7	271.7	111.6	57.8	8.4	0.0	0.0	0.0	0.0	943.0	4.4	473.1
05/18/11	0.0	0.0	0.0	0.0	0.0	5.1	65.7	99.0	134.6	96.5	81.7	167.3	154.4	347.4	321.1	291.9	150.2	92.5	28.1	3.3	0.0	0.0	0.0	0.0	347.4	3.3	135.9
05/19/11	0.0	0.0	0.0	0.0	0.0	4.2	62.4	224.0	454.7	686.3	812.0	908.0	879.0	740.4	794.9	561.6	295.9	90.9	46.9	8.1	0.0	0.0	0.0	0.0	908.0	4.2	438.0
05/20/11	0.0	0.0	0.0	0.0	0.0	4.3	82.0	334.3	532.7	705.8	840.0	918.0	940.0	911.0	833.0	690.9	284.7	72.1	41.8	7.1	0.0	0.0	0.0	0.0	940.0	4.3	479.8
05/21/11	0.0	0.0	0.0	0.0	0.0	4.7	81.7	332.5	529.4	701.5	836.0	914.0	938.0	908.0	830.0	700.0	291.2	78.4	45.8	7.1	0.0	0.0	0.0	0.0	938.0	4.7	479.9
05/22/11	0.0	0.0	0.0	0.0	0.0	5.5	83.0	329.5	525.5	700.4	836.0	917.0	942.0	909.0	828.0	686.3	300.4	87.4	55.8	8.9	0.0	0.0	0.0	0.0	942.0	5.5	481.0
05/23/11	0.0	0.0	0.0	0.0	0.0	5.5	85.2	344.3	540.6	718.3	850.0	932.0	955.0	921.0	839.0	700.7	311.8	89.6	54.4	8.2	0.0	0.0	0.0	0.0	955.0	5.5	490.4
05/24/11	0.0	0.0	0.0	0.0	0.0	6.4	86.7	345.8	541.8	716.9	853.0	932.0	960.0	923.0	838.0	704.2	334.5	94.7	68.0	10.0	0.0	0.0	0.0	0.0	960.0	6.4	494.3
05/25/11	0.0	0.0	0.0	0.0	0.0	6.4	87.0	338.8	535.0	711.7	845.0	922.0	948.0	918.0	845.0	715.6	347.5	95.2	68.9	9.2	0.0	0.0	0.0	0.0	948.0	6.4	492.9
05/26/11	0.0	0.0	0.0	0.0	0.0	5.5	87.0	348.1	544.3	689.3	853.0	933.0	958.0	925.0	843.0	707.4	357.1	106.1	70.9	9.4	0.0	0.0	0.0	0.0	958.0	5.5	495.8
05/27/11	0.0	0.0	0.0	0.0	0.0	5.2	88.5	351.4	544.3	715.5	848.0	926.0	948.0	914.0	839.0	710.3	362.7	116.6	74.5	9.3	0.0	0.0	0.0	0.0	948.0	5.2	496.9
05/28/11	0.0	0.0	0.0	0.0	0.0	5.7	85.6	345.1	538.1	709.6	842.0	920.0	942.0	912.0	834.0	704.6	362.9	117.7	78.6	9.4	0.0	0.0	0.0	0.0	942.0	5.7	493.8
05/29/11	0.0	0.0	0.0	0.0	0.0	6.7	84.5	334.9	525.6	696.0	829.0	906.0	924.0	891.0	813.0	684.0	369.0	131.2	74.5	8.3	0.0	0.0	0.0	0.0	924.0	6.7	485.2
05/30/11	0.0	0.0	0.0	0.0	0.0	7.4	89.9	361.1	557.3	732.5	868.0	946.0	967.0	933.0	858.0	731.3	393.1	124.2	93.2	11.0	0.0	0.0	0.0	0.0	967.0	7.4	511.5
05/31/11	0.0	0.0	0.0	0.0	0.0	6.4	87.3	357.2	549.3	723.1	859.0	935.0	947.0	924.0	799.0	452.3	243.4	139.9	60.5	7.6	0.0	0.0	0.0	0.0	947.0	6.4	472.7

Hourly Averages

0.0 0.0 0.0 0.0 0.0 4.4 78.7 313.6 508.4 675.2 812.5 898.7 928.6 890.7 805.2 668.8 318.8 79.5 58.4 6.7 0.0 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 993.0 **Minimum Hourly Radiation:** 2.0 **Average Monthly Radiation:** 469.9

Maximum 24-Hour Mean: 511.5

Minimum 24-Hour Mean: 135.9

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

Note: All Statistics Based on Daylight Hours

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

SOLAR RADIATION (W/m²)

Day	Hour																								Max	Min	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	0.0	0.0	0.0	0.0	0.0	5.3	62.6	115.2	221.5	464.9	606.3	689.9	940.0	693.0	564.8	504.3	357.3	205.3	105.1	16.9	0.0	0.0	0.0	940.0	5.3	370.2	
06/02/11	0.0	0.0	0.0	0.0	0.0	4.8	89.5	353.5	542.6	714.9	849.0	920.0	955.0	925.0	845.0	715.9	398.0	115.9	95.6	9.9	0.0	0.0	0.0	955.0	4.8	502.3	
06/03/11	0.0	0.0	0.0	0.0	0.0	6.3	90.3	358.1	549.7	722.6	855.0	936.0	960.0	931.0	856.0	725.2	405.4	120.4	98.7	8.2	0.0	0.0	0.0	960.0	6.3	508.2	
06/04/11	0.0	0.0	0.0	0.0	0.0	6.5	89.0	354.5	548.8	722.1	856.0	934.0	956.0	925.0	852.0	724.1	409.4	122.1	98.9	10.9	0.0	0.0	0.0	956.0	6.5	507.3	
06/05/11	0.0	0.0	0.0	0.0	0.0	6.2	82.8	333.3	525.5	699.4	835.0	918.0	944.0	916.0	839.0	712.4	408.4	132.1	101.3	11.6	0.0	0.0	0.0	944.0	6.2	497.7	
06/06/11	0.0	0.0	0.0	0.0	0.0	7.0	82.6	333.8	526.3	698.7	834.0	917.0	946.0	917.0	842.0	721.9	416.4	134.5	97.5	10.5	0.0	0.0	0.0	946.0	7.0	499.0	
06/07/11	0.0	0.0	0.0	0.0	0.0	6.2	87.4	364.0	556.1	727.3	859.0	943.0	972.0	940.0	860.0	727.8	422.3	141.0	102.1	10.0	0.0	0.0	0.0	972.0	6.2	514.5	
06/08/11	0.0	0.0	0.0	0.0	0.0	5.7	85.5	364.8	555.1	726.0	862.0	944.0	973.0	939.0	861.0	734.4	430.9	145.1	104.3	10.3	0.0	0.0	0.0	973.0	5.7	516.1	
06/09/11	0.0	0.0	0.0	0.0	0.0	6.3	85.6	358.7	546.8	719.2	853.0	930.0	955.0	930.0	860.0	735.1	437.3	149.0	100.6	10.7	0.0	0.0	0.0	955.0	6.3	511.8	
06/10/11	0.0	0.0	0.0	0.0	0.0	6.5	83.6	350.2	540.5	711.2	843.0	923.0	947.0	921.0	850.0	726.7	436.2	151.5	98.6	11.1	0.0	0.0	0.0	947.0	6.5	506.7	
06/11/11	0.0	0.0	0.0	0.0	0.0	6.1	83.4	359.3	551.5	721.2	857.0	938.0	968.0	935.0	861.0	737.7	445.9	153.3	100.2	10.6	0.0	0.0	0.0	968.0	6.1	515.2	
06/12/11	0.0	0.0	0.0	0.0	0.0	6.9	81.4	343.7	538.2	712.9	846.0	930.0	957.0	926.0	856.0	729.5	441.3	156.7	98.2	11.5	0.0	0.0	0.0	957.0	6.9	509.0	
06/13/11	0.0	0.0	0.0	0.0	0.0	5.9	82.6	363.4	553.7	723.2	859.0	938.0	965.0	943.0	870.0	736.3	449.2	159.5	102.7	11.9	0.1	0.0	0.0	965.0	5.9	517.6	
06/14/11	0.0	0.0	0.0	0.0	0.0	6.0	81.9	355.1	545.2	715.4	833.0	930.0	955.0	929.0	856.0	731.4	452.4	163.1	100.8	11.6	0.1	0.0	0.0	955.0	6.0	511.1	
06/15/11	0.0	0.0	0.0	0.0	0.0	6.2	79.7	345.1	536.8	706.2	840.0	919.0	945.0	917.0	845.0	720.3	445.0	159.6	95.3	12.3	0.1	0.0	0.0	945.0	6.2	504.8	
06/16/11	0.0	0.0	0.0	0.0	0.0	5.7	78.1	348.9	539.7	711.4	844.0	926.0	945.0	913.0	840.0	720.8	449.6	162.8	98.0	12.9	0.1	0.0	0.0	945.0	5.7	506.4	
06/17/11	0.0	0.0	0.0	0.0	0.0	5.8	77.3	343.1	536.1	705.4	840.0	922.0	947.0	918.0	847.0	725.5	455.5	162.4	98.8	13.6	0.1	0.0	0.0	947.0	5.8	506.5	
06/18/11	0.0	0.0	0.0	0.0	0.0	5.9	78.0	344.2	536.9	707.8	841.0	920.0	945.0	925.0	850.0	729.0	458.8	164.2	100.6	12.5	0.0	0.0	0.0	945.0	5.9	507.9	
06/19/11	0.0	0.0	0.0	0.0	0.0	4.3	72.7	262.8	550.8	641.2	844.0	891.0	914.0	922.0	837.0	717.6	447.2	164.1	98.4	13.1	0.1	0.0	0.0	922.0	4.3	492.0	
06/20/11	0.0	0.0	0.0	0.0	0.0	6.2	75.4	334.0	525.6	693.3	825.0	909.0	939.0	912.0	836.0	727.5	466.4	162.8	102.3	12.0	0.1	0.0	0.0	939.0	6.2	501.8	
06/21/11	0.0	0.0	0.0	0.0	0.0	5.3	74.2	342.6	531.3	700.4	833.0	914.0	941.0	916.0	836.0	723.5	463.1	157.5	102.8	11.5	0.1	0.0	0.0	941.0	5.3	503.5	
06/22/11	0.0	0.0	0.0	0.0	0.0	5.3	72.0	334.0	519.5	689.3	825.0	905.0	933.0	909.0	836.0	717.8	462.0	157.9	103.3	13.0	0.1	0.0	0.0	933.0	5.3	498.8	
06/23/11	0.0	0.0	0.0	0.0	0.0	5.6	71.2	326.0	516.5	688.4	824.0	903.0	927.0	898.0	826.0	708.0	457.3	155.0	102.5	13.7	0.1	0.0	0.0	927.0	5.6	494.8	
06/24/11	0.0	0.0	0.0	0.0	0.0	5.6	70.0	323.2	511.2	677.5	807.0	882.0	919.0	895.0	823.0	707.1	456.6	150.8	101.1	13.3	0.1	0.0	0.0	919.0	5.6	490.2	
06/25/11	0.0	0.0	0.0	0.0	0.0	6.0	69.0	311.4	500.5	667.8	801.0	885.0	913.0	888.0	820.0	700.7	455.2	151.5	102.4	14.1	0.1	0.0	0.0	913.0	6.0	485.7	
06/26/11	0.0	0.0	0.0	0.0	0.0	6.1	68.8	309.9	498.7	664.0	802.0	898.0	950.0	892.0	848.0	708.5	450.1	149.5	102.3	14.9	0.1	0.0	0.0	950.0	6.1	490.9	
06/27/11	0.0	0.0	0.0	0.0	0.0	6.0	67.8	306.8	496.6	671.9	811.0	892.0	920.0	899.0	829.0	703.7	461.6	146.9	104.5	14.4	0.1	0.0	0.0	920.0	6.0	488.8	
06/28/11	0.0	0.0	0.0	0.0	0.0	5.9	43.0	138.1	328.5	414.1	327.5	561.4	764.8	671.9	486.1	474.6	411.3	166.2	99.0	12.9	0.1	0.0	0.0	764.8	5.9	327.0	
06/29/11	0.0	0.0	0.0	0.0	0.0	6.0	65.8	277.2	465.0	636.1	771.7	853.0	878.0	863.0	786.3	667.8	432.1	143.0	79.7	14.9	0.1	0.0	0.0	878.0	6.0	462.6	
06/30/11	0.0	0.0	0.0	0.0	0.0	3.4	64.3	295.5	493.7	660.4	798.4	884.0	915.0	893.0	826.0	706.6	462.7	136.4	109.3	12.9	0.1	0.0	0.0	915.0	3.4	484.1	

Hourly Averages

0.0 0.0 0.0 0.0 0.0 5.8 76.5 321.7 513.0 680.5 809.4 895.5 936.3 900.1 821.5 704.1 438.2 151.3 100.2 12.3 0.1 0.0 0.0

Maximum Hourly Radiation: 973.0 Minimum Hourly Radiation: 3.4 Average Monthly Radiation: 491.1

Maximum 24-Hour Mean: 517.6

Minimum 24-Hour Mean: 327.0

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

Note: All Statistics Based on Daylight Hours

APPENDIX KC2-H

HOURLY EVAPORATION DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2011

EVAPORATION (inches)

Day	Hour																								Total Evaporation	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
04/01/11	0.013	0.005	0.005	0.005	0.005	0.005	0.010	0.000	0.001	0.027	0.008	0.024	0.019	0.016	0.021	0.054	0.035	0.048	0.025	0.020	0.015	0.015	0.010	0.008	0.394	
04/02/11	0.010	0.002	0.005	0.013	0.010	0.005	0.018	0.003	0.001	0.009	0.013	0.023	0.026	0.038	0.061	0.051	0.048	0.045	0.023	0.002	0.013	0.012	0.020	0.007	0.458	
04/03/11	0.013	0.003	0.005	0.003	0.007	0.003	0.015	0.008	0.005	0.008	0.018	0.023	0.034	0.043	0.041	0.043	0.036	0.043	0.038	0.013	0.007	0.005	0.008	0.002	0.424	
04/04/11	0.010	0.002	0.010	0.013	0.015	0.008	0.002	0.003	0.008	0.016	0.010	0.018	INV	0.013	0.018	0.033	0.033	0.031	0.032	0.019	0.009	0.013	0.009	0.007	0.007	0.332
04/05/11	0.010	0.010	0.010	0.010	0.020	0.005	0.002	0.003	0.001	0.009	0.004	0.024	0.018	0.026	0.039	0.045	0.053	0.053	0.025	0.017	0.013	0.007	0.010	0.013	0.427	
04/06/11	0.007	0.008	0.010	0.008	0.008	0.005	0.005	0.013	0.001	0.006	0.001	0.026	0.038	0.001	0.001	0.002	0.005	0.000	0.008	0.005	0.003	0.008	0.010	0.003	0.182	
04/07/11	0.002	0.000	0.000	0.002	0.003	0.005	0.002	0.002	0.011	0.006	0.011	0.015	INV	0.031	0.026	0.026	0.049	0.037	0.027	0.022	0.012	0.013	0.009	0.012	0.323	
04/08/11	0.005	0.007	0.005	0.004	0.003	0.003	0.005	0.005	0.006	0.004	0.011	0.011	0.024	0.023	0.031	0.028	0.050	0.033	0.030	0.015	0.013	0.007	0.018	0.010	0.351	
04/09/11	0.005	0.005	0.002	0.005	0.007	0.004	0.075	0.065	0.057	0.055	0.051	0.031	0.046	0.043	0.036	0.010	0.010	0.003	0.000	0.001	0.000	0.001	0.002	0.003	0.517	
04/10/11	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.003	0.006	0.004	0.003	0.010	0.014	0.013	0.025	0.015	0.009	0.004	0.005	0.002	0.000	0.118
04/11/11	0.008	0.002	0.003	0.002	0.006	0.008	0.006	0.010	0.012	0.001	0.003	0.007	0.003	0.012	0.014	0.023	0.018	0.017	0.019	0.020	0.020	0.018	0.009	0.261		
04/12/11	0.004	0.008	0.020	0.005	0.008	0.013	0.005	0.003	0.004	0.002	0.016	0.011	0.021	0.031	0.031	0.036	0.031	0.048	0.035	0.012	0.004	0.009	0.010	0.008	0.375	
04/13/11	0.007	0.008	0.005	0.005	0.008	0.005	0.005	0.001	0.007	0.002	0.014	0.014	0.024	0.021	0.041	0.064	0.041	0.038	0.040	0.030	0.020	0.018	0.014	0.004	0.436	
04/14/11	0.005	0.005	0.010	0.005	0.004	0.003	0.005	0.005	0.007	0.006	0.009	0.016	0.018	0.029	0.031	0.038	0.043	0.046	0.033	0.015	0.009	0.013	0.008	0.010	0.373	
04/15/11	0.005	0.005	0.008	0.013	0.016	0.005	0.010	0.021	0.002	0.019	0.013	0.033	0.032	0.016	0.029	0.041	0.033	0.046	0.032	0.019	0.012	0.010	0.007	0.007	0.434	
04/16/11	0.007	0.010	0.005	0.005	0.005	0.005	0.005	0.011	0.004	0.001	0.004	0.021	0.028	0.036	0.044	0.048	0.043	0.050	0.030	0.015	0.014	0.010	0.010	0.005	0.416	
04/17/11	0.008	0.008	0.007	0.005	0.003	0.008	0.005	0.013	0.009	0.006	0.006	0.024	0.039	0.056	0.056	0.054	0.048	0.053	0.023	0.012	0.017	0.002	0.013	0.010	0.485	
04/18/11	0.005	0.005	0.008	0.005	0.005	0.004	0.003	0.000	0.008	0.008	0.044	0.026	0.034	0.033	0.046	0.059	0.043	0.041	0.035	0.023	0.010	0.007	0.005	0.008	0.465	
04/19/11	0.007	0.010	0.008	0.002	0.000	0.005	0.005	0.002	0.003	0.005	0.016	0.018	0.026	0.033	0.036	0.036	0.049	0.028	0.023	0.007	0.007	0.007	0.005	0.005	0.343	
04/20/11	0.003	0.007	0.005	0.002	0.010	0.003	0.005	0.002	0.000	0.000	0.018	0.023	0.031	0.038	0.041	0.041	0.043	0.033	0.015	0.020	0.007	0.010	0.005	0.005	0.367	
04/21/11	0.005	0.005	0.005	0.003	0.010	0.003	0.005	0.000	0.002	0.003	0.005	0.026	0.031	0.038	0.041	0.046	0.020	0.041	0.033	0.020	0.005	0.005	0.010	0.005	0.367	
04/22/11	0.005	0.005	0.005	0.008	0.003	0.005	0.005	0.002	0.003	0.005	0.026	0.033	0.026	0.036	0.049	0.023	0.010	0.008	0.003	0.002	0.000	0.000	0.000	0.002	0.266	
04/23/11	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.003	0.008	0.010	0.013	0.005	0.003	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.062	
04/24/11	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.008	0.005	0.005	0.005	0.008	0.010	0.005	0.002	0.000	0.002	0.000	0.000	0.000	0.000	0.055	
04/25/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.003	0.003	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015		
04/26/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.000	0.000	0.002	0.000	0.003	0.020	0.015	0.008	0.000	0.003	0.002	0.003	0.000	0.000	0.000	0.060	
04/27/11	0.000	0.000	0.000	0.000	0.000	0.003	0.013	0.003	0.002	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024		
04/28/11	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008		
04/29/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.034	0.011	0.019	0.038	0.049	0.046	0.041	0.056	0.061	0.036	0.017	0.010	0.010	0.012	0.008	0.459	
04/30/11	0.012	0.007	0.008	0.010	0.005	0.026	0.015	0.011	0.008	0.011	0.011	0.026	0.031	0.054	0.046	0.059	0.063	0.043	0.038	0.027	0.017	0.010	0.007	0.010	0.545	

Total Evaporation for the month = 9.342

Total Number of Observations: 717

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

EVAPORATION (inches)

Day	Hour																								Total Evaporation	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
05/01/11	0.026	0.039	0.041	0.015	0.033	0.025	0.000	0.026	0.006	0.011	0.011	0.008	0.031	0.018	0.023	0.033	0.040	0.031	0.041	0.020	0.018	0.015	0.041	0.000	0.552	
05/02/11	0.028	0.023	0.046	0.007	0.000	0.008	0.013	0.000	0.005	0.006	0.069	0.021	0.028	0.021	0.021	0.049	0.018	0.038	0.030	0.015	0.038	0.023	0.020	0.020	0.547	
05/03/11	0.000	0.013	0.010	0.005	0.010	0.010	0.018	0.000	0.003	0.026	0.013	0.018	0.023	0.039	0.049	0.028	0.031	0.036	0.023	0.023	0.038	0.033	0.020	0.026	0.495	
05/04/11	0.030	0.013	0.003	0.013	0.018	0.010	0.013	0.005	0.015	0.011	0.018	0.003	0.011	0.026	0.048	0.046	0.028	0.030	0.020	0.013	0.013	0.008	0.005	0.010	0.410	
05/05/11	0.008	0.010	0.008	0.013	0.013	0.008	0.005	0.000	0.005	0.008	0.031	0.036	0.048	0.061	0.051	0.054	0.043	0.005	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.409
05/06/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	
05/07/11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	INV	0.001	0.014	0.000	0.033	0.039	0.061	0.048	0.043	0.041	0.019	0.015	0.015	0.010	0.010	0.349
05/08/11	0.010	0.005	0.007	0.010	0.005	0.010	0.005	0.009	0.006	0.006	0.029	0.023	0.044	0.052	0.038	0.087	0.069	0.045	0.048	0.025	0.015	0.015	0.007	0.013	0.583	
05/09/11	0.013	0.005	0.007	0.000	0.008	0.005	0.015	0.015	0.018	INV	0.000	0.019	0.016	0.064	0.059	0.034	0.041	0.053	0.038	0.038	0.017	0.012	0.005	0.007	0.489	
05/10/11	0.005	0.002	0.008	0.002	0.007	0.005	0.000	0.002	0.006	0.009	0.016	0.013	0.031	0.051	0.054	0.056	0.046	0.031	0.023	0.020	0.007	0.007	0.007	0.005	0.413	
05/11/11	0.005	0.005	0.005	0.010	0.002	0.005	0.003	0.000	0.004	0.011	0.021	0.018	0.031	0.036	0.029	0.061	0.038	0.056	0.033	0.015	0.012	0.007	0.007	0.007	0.421	
05/12/11	0.002	0.008	0.005	0.005	0.008	0.005	0.005	0.001	0.004	0.006	0.021	0.026	0.036	0.018	0.039	0.031	0.071	0.050	0.028	0.025	0.015	0.015	0.005	0.005	0.434	
05/13/11	0.007	0.005	0.005	0.007	0.005	0.013	0.006	0.013	0.024	0.016	0.026	0.016	0.041	INV	0.033	0.051	0.038	0.048	0.045	0.037	0.015	0.017	0.022	0.012	0.502	
05/14/11	0.010	0.010	0.018	0.010	0.007	0.013	0.007	0.001	0.004	0.012	0.036	0.042	0.036	0.026	0.054	0.066	0.064	0.053	0.038	0.030	0.022	0.012	0.010	0.007	0.588	
05/15/11	0.005	0.008	0.007	0.008	0.010	0.013	0.007	0.001	0.004	0.006	0.016	0.031	0.029	0.051	0.066	0.041	0.059	0.061	0.040	0.019	0.012	0.010	0.007	0.005	0.516	
05/16/11	0.015	0.005	0.005	0.005	0.005	0.003	0.005	0.000	0.016	0.011	0.014	0.044	0.036	0.038	0.054	0.064	0.041	0.046	0.040	0.025	0.017	0.017	0.007	0.005	0.518	
05/17/11	0.010	0.005	0.002	0.008	0.003	0.005	0.005	0.001	INV	0.034	0.027	0.037	0.029	0.041	0.044	0.066	0.046	0.045	0.041	0.022	0.017	0.009	0.004	0.005	0.506	
05/18/11	0.005	0.005	0.005	0.005	0.000	0.006	0.005	0.005	0.005	0.011	0.010	0.008	0.014	0.008	0.018	0.031	0.014	0.000	0.002	0.000	0.000	0.000	0.000	0.172		
05/19/11	0.000	0.002	0.005	0.013	0.002	0.000	0.006	0.001	0.006	0.003	0.001	0.013	0.015	0.026	0.020	0.028	0.025	0.026	0.020	0.004	0.010	0.007	0.008	0.254		
05/20/11	0.005	0.015	0.002	0.005	0.005	0.007	0.000	0.002	0.002	0.009	0.016	0.023	INV	0.052	0.029	0.034	0.036	0.066	0.033	0.021	0.009	0.007	0.010	0.005	0.393	
05/21/11	0.007	0.008	0.002	0.005	0.006	0.005	0.003	0.002	0.002	0.000	0.029	0.013	0.024	0.019	0.044	0.033	0.056	0.035	0.043	0.024	0.019	0.012	0.017	0.007	0.415	
05/22/11	0.008	0.033	0.005	0.010	0.004	0.008	0.010	0.004	0.001	0.009	0.024	0.016	0.038	0.036	0.046	0.054	0.036	0.048	0.043	0.027	0.011	0.017	0.010	0.007	0.505	
05/23/11	0.012	0.005	0.013	0.017	0.005	0.002	0.005	INV	0.000	0.007	0.014	0.021	0.023	0.037	0.011	0.061	0.046	0.049	0.040	0.035	0.032	0.017	0.020	0.028	0.500	
05/24/11	0.020	0.020	0.004	0.007	0.008	0.005	0.000	0.004	0.012	0.016	0.008	0.019	0.023	0.041	0.039	0.049	0.046	0.043	0.031	0.029	0.009	0.004	0.013	0.010	0.460	
05/25/11	0.010	0.007	0.008	0.005	0.004	0.008	0.000	INV	0.000	0.002	0.009	0.016	0.026	0.032	0.038	0.048	0.043	0.046	0.037	0.037	0.017	0.014	0.012	0.013	0.432	
05/26/11	0.009	0.007	0.008	0.007	0.008	0.005	0.005	0.000	0.002	0.004	0.014	INV														
05/27/11	INV																									
05/28/11	INV																									
05/29/11	INV																									
05/30/11	INV																									
05/31/11	INV																									

Total Evaporation for the month = 10.876

Total Number of Observations: 604

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

EVAPORATION (inches)

Day	Hour																								Total Evaporation		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
06/01/11	INV																										
06/02/11	INV																										
06/03/11	INV																										
06/04/11	INV																										
06/05/11	INV																										
06/06/11	INV																										
06/07/11	INV																										
06/08/11	INV																										
06/09/11	INV																										
06/10/11	INV																										
06/11/11	INV																										
06/12/11	INV																										
06/13/11	INV																										
06/14/11	INV																										
06/15/11	INV																										
06/16/11	INV																										
06/17/11	INV																										
06/18/11	INV																										
06/19/11	INV																										
06/20/11	INV																										
06/21/11	INV	0.048	0.032	0.043	0.048	0.070	0.048	0.034	0.019	0.014	0.014	0.013	0.383														
06/22/11	0.012	0.010	0.010	0.012	0.008	0.010	0.008	0.002	0.002	0.007	0.019	0.028	0.036	0.037	0.054	0.054	0.054	0.041	0.043	0.041	0.024	0.018	0.016	0.013	0.559		
06/23/11	0.010	0.010	0.007	0.010	0.010	0.008	0.002	0.001	0.010	0.010	0.016	0.034	0.036	0.043	0.063	0.105	0.056	0.074	0.019	0.038	0.027	0.010	0.009	0.008	0.616		
06/24/11	0.010	0.007	0.010	0.010	0.008	0.007	0.005	0.004	0.004	0.011	0.024	0.036	0.023	0.046	INV	0.054	0.064	0.053	0.046	0.042	0.024	0.018	0.013	0.020	0.539		
06/25/11	0.014	0.015	0.012	0.015	0.013	0.007	0.008	0.002	0.003	0.008	0.007	0.032	0.057	0.041	0.066	0.066	0.056	0.064	0.059	0.039	0.021	0.013	0.013	0.018	0.649		
06/26/11	0.014	0.022	0.012	0.009	0.013	0.016	0.011	0.004	0.004	0.010	0.017	0.041	0.041	0.051	0.056	0.077	0.066	0.046	0.043	0.029	0.021	0.020	0.023	0.015	0.661		
06/27/11	0.013	0.012	0.015	0.010	0.012	0.013	0.016	0.012	0.001	0.007	0.022	0.036	0.041	0.046	0.047	0.054	0.054	0.060	0.040	0.033	0.021	0.020	0.020	0.020	0.625		
06/28/11	0.015	0.014	0.015	0.010	0.012	0.013	0.014	0.014	0.005	0.007	0.015	0.024	0.026	0.043	0.033	0.031	0.051	0.043	0.038	0.037	0.014	0.018	0.010	0.010	0.512		
06/29/11	0.015	0.018	0.019	0.023	0.003	0.002	0.005	0.001	0.004	0.006	0.021	0.022	0.036	0.031	0.064	0.059	0.061	0.043	0.048	0.030	0.030	0.030	0.017	0.010	0.598		
06/30/11	0.010	0.010	0.007	0.012	0.010	0.007	0.005	0.003	0.011	0.019	0.023	0.029	0.034	0.054	0.054	0.052	0.056	0.041	0.053	0.038	0.017	0.017	0.015	0.010	0.587		

Total Evaporation for the month = 5.729

Total Number of Observations: 226

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC2-I
HOURLY PRECIPITATION DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
APRIL 2011
PRECIPITATION (inches)

Total Precipitation for the month = 0.00

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2011

PRECIPITATION (inches)

Total Precipitation for the month = 0.01

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2011

PRECIPITATION (inches)

Total Precipitation for the month = 0.00

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection