

**Resolution Copper Mine Monitoring Sites
Summary of Meteorological Data
Collected during the Second Quarter 2010
Superior, Arizona**

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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 (delta-T), 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 2010 (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.

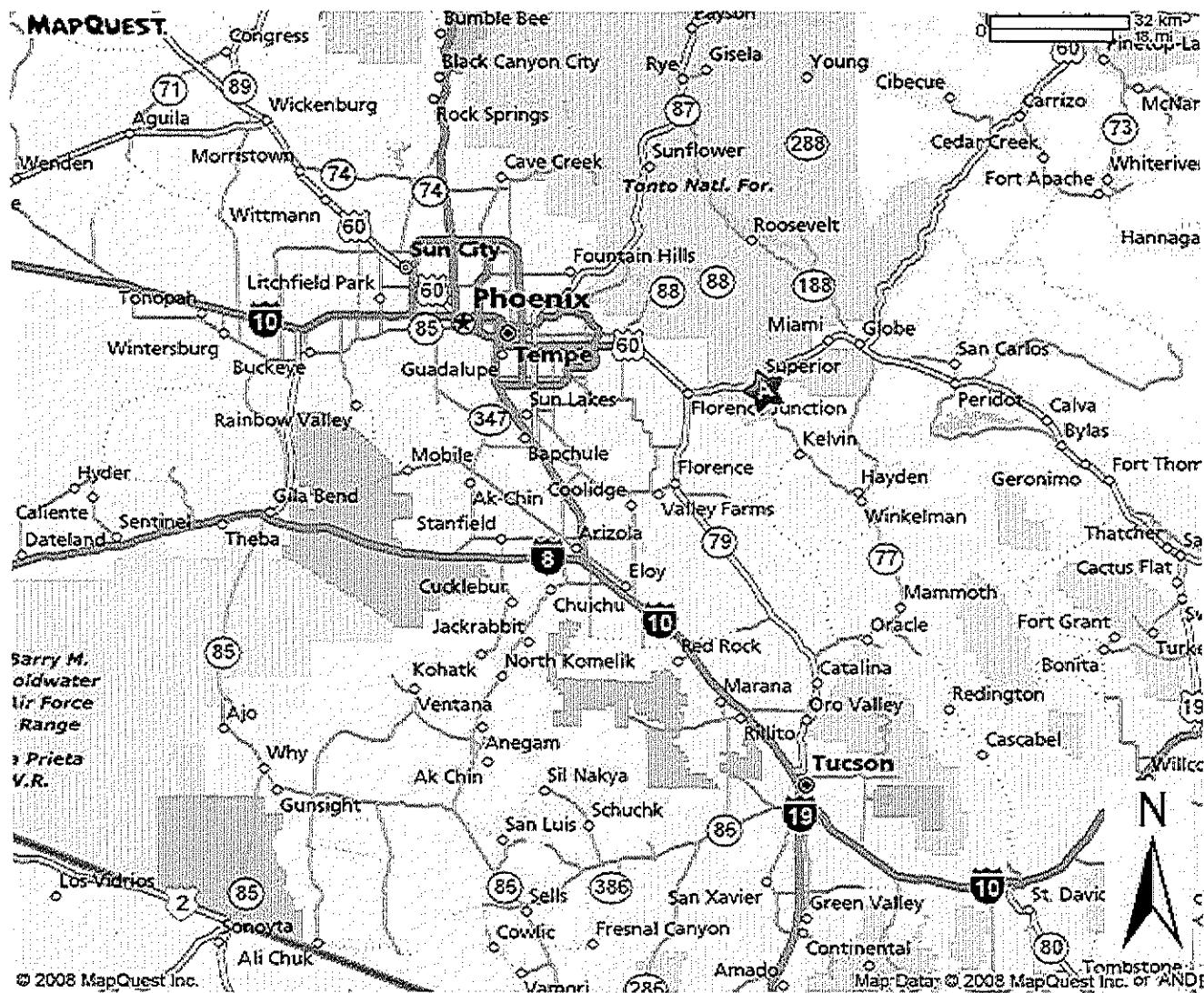


Figure 1.1 Map showing location of proposed Resolution Copper Mine (denoted by A) in Pinal County, Arizona.

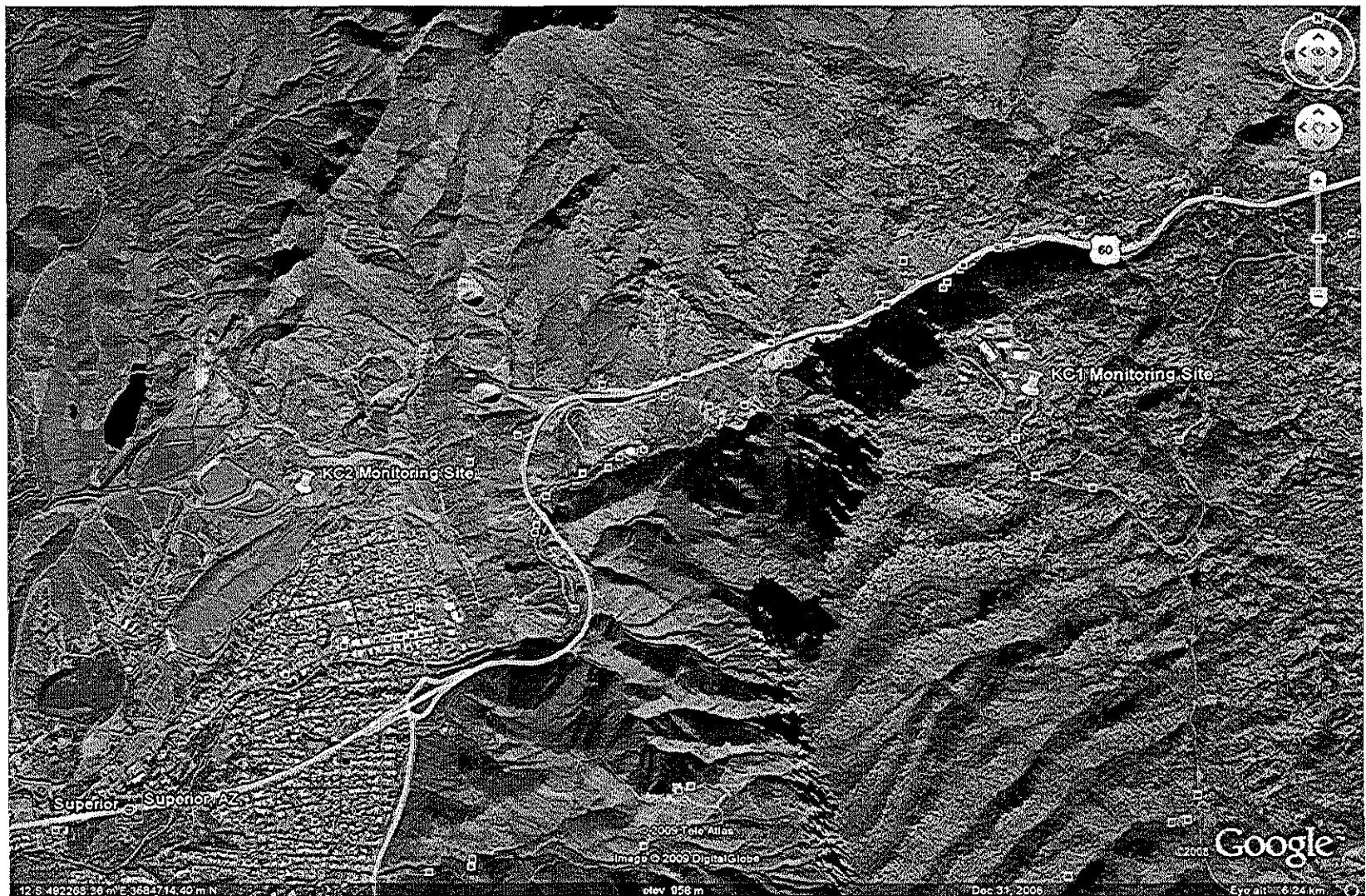


Figure 1.2 Map showing locations of KC1 and KC2 monitoring sites.

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 2010

	Monthly Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	2.7	11.0	0.0
May	2.7	6.5	0.0
June	2.9	10.3	0.0

Table 3.2 KC2: Monthly Wind Speed (m/s) Summary for the Second Quarter 2010

	Monthly Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	3.0	9.5	0.1
May	2.8	8.5	0.0
June	2.9	11.4	0.0

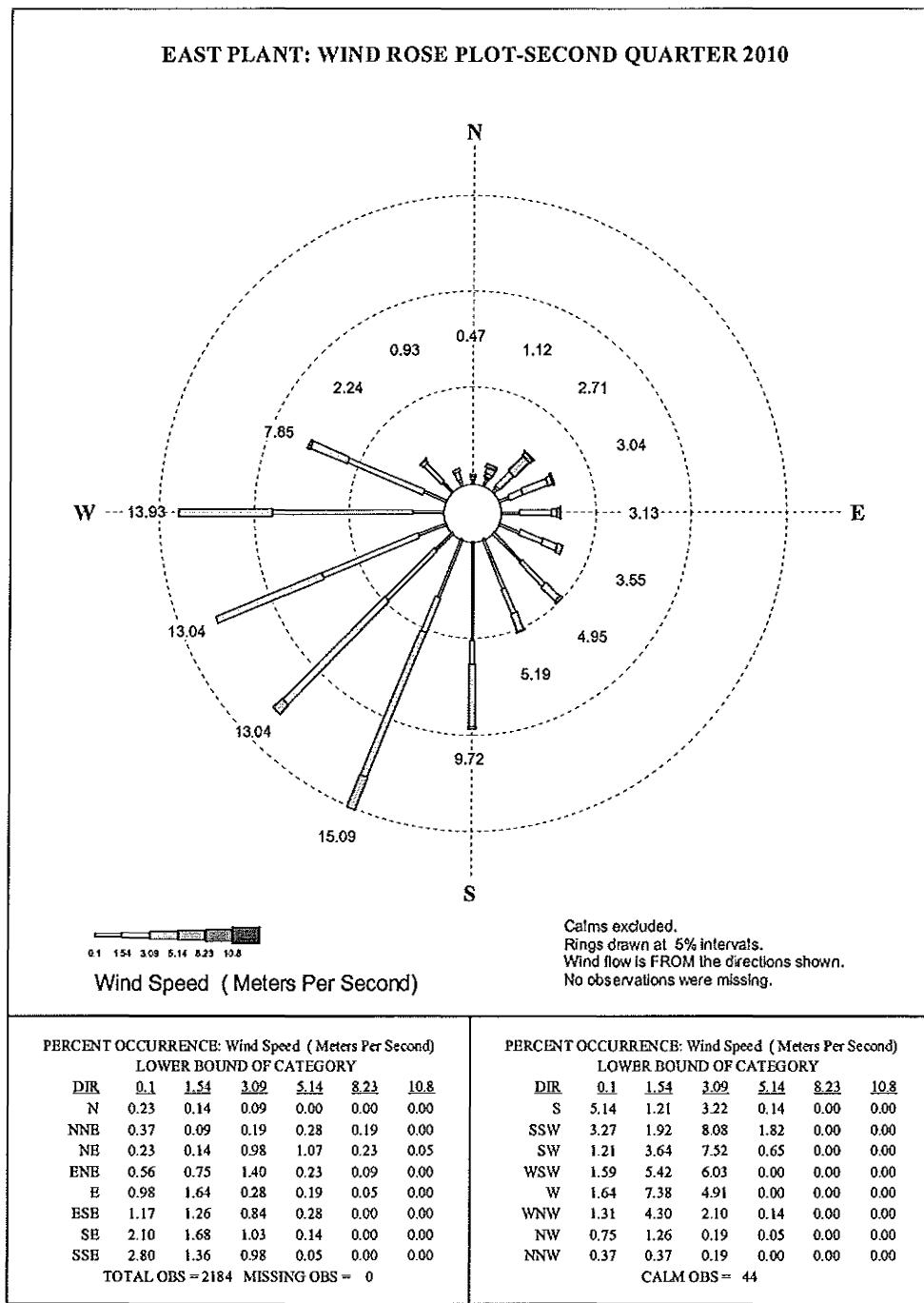


Figure 3.1 Wind rose for the KC1 (East Plant) monitoring site for the Second Quarter 2010.

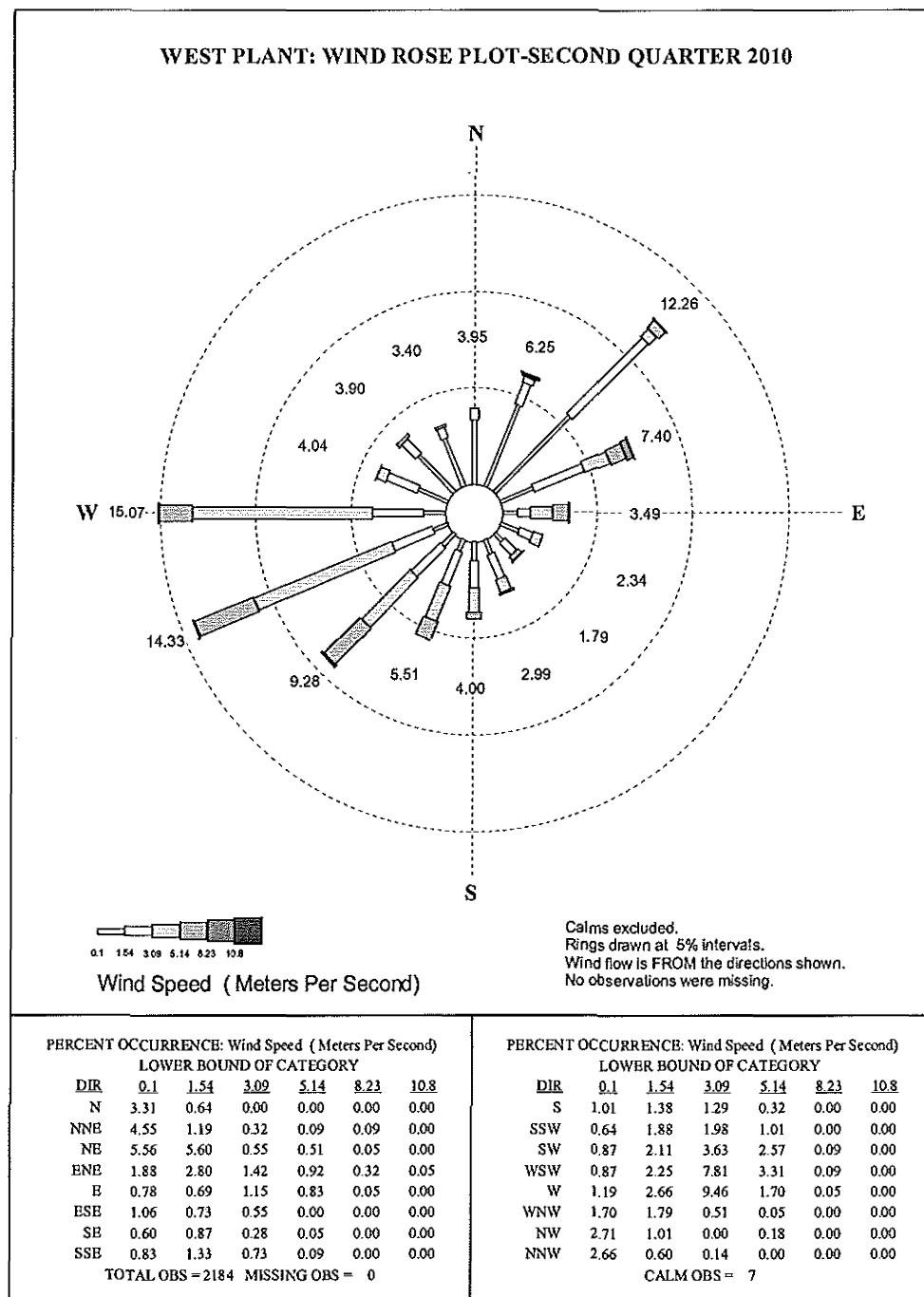


Figure 3.2 Wind rose for the KC2 (West Plant) monitoring site for the Second Quarter 2010.

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 2010

Monthly Average Differential Temperature Per Hour of Day (°C) ^a						
Month	Nighttime Hours					
	19	20	21	22	23	24
April	-0.071	0.052	0.155	0.248	0.271	0.331
May	-0.143	0.033	0.129	0.284	0.360	0.372
June	-0.195	0.017	0.152	0.270	0.306	0.323
Month	1	2	3	4	5	6
	0.324	0.302	0.289	0.353	0.345	0.383
April	0.338	0.429	0.479	0.444	0.465	0.492
May	0.357	0.355	0.435	0.462	0.504	0.493
Daytime Hours						
Month	7	8	9	10	11	12
	0.205	-0.318	-0.613	-0.819	-0.862	-0.961
April	0.080	-0.503	-0.740	-0.894	-1.052	-1.092
May	0.029	-0.487	-0.740	-0.935	-1.027	-1.112
Month	13	14	15	16	17	18
	-0.982	-0.954	-0.884	-0.775	-0.597	-0.350
April	-1.115	-1.087	-1.018	-0.866	-0.698	-0.446
May	-1.137	-1.103	-1.041	-0.897	-0.686	-0.474

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

Table 3.4 KC2: Monthly Differential Temperature Summary for the Second Quarter 2010

Monthly Average Differential Temperature Per Hour of Day (°C) ^a						
Month	<i>Nighttime Hours</i>					
	19	20	21	22	23	24
April	-0.245	0.064	0.378	0.557	0.598	0.667
May	-0.383	0.003	0.376	0.662	0.719	0.887
June	-0.434	-0.053	0.302	0.532	0.777	0.944
Month	1	2	3	4	5	6
	0.696	0.702	0.723	0.752	0.617	0.646
April	0.896	0.958	0.968	1.002	0.879	0.823
May	1.051	1.090	1.063	1.051	1.036	0.977
<i>Daytime Hours</i>						
Month	7	8	9	10	11	12
	0.539	-0.162	-0.577	-0.817	-0.999	-1.133
April	0.496	-0.388	-0.711	-0.941	-1.132	-1.263
May	0.494	-0.362	-0.638	-0.919	-1.151	-1.305
Month	13	14	15	16	17	18
	-1.184	-1.223	-1.180	-1.076	-0.842	-0.576
April	-1.351	-1.334	-1.278	-1.136	-0.908	-0.715
May	-1.367	-1.333	-1.280	-1.133	-0.947	-0.721

^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 2010

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	14.6	21.4	5.6	25.1	2.3
May	19.2	23.9	11.6	29.0	5.2
June	26.2	30.5	18.6	35.9	14.6

Table 3.6 KC2: Monthly Temperature (°C) Summary for the Second Quarter 2010

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	18.0	23.9	9.6	29.0	5.6
May	22.5	27.1	15.3	32.5	9.3
June	29.4	34.0	21.7	39.2	17.3

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 2010

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	40.6	33.4	21.5	30.2
May	24.8	19.7	13.0	18.0
June	23.1	17.9	12.7	17.1
Quarter	Max: 95.0			Min: 4.0

Table 3.8 KC2: Monthly Relative Humidity (%) Summary for the Second Quarter 2010

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	34.4	28.0	18.2	26.9
May	21.8	16.5	11.3	16.5
June	20.5	16.0	11.1	15.4
Quarter	Max: 85.8			Min: 3.7

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 2010

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	25.70	25.73	25.68	25.70
May	25.71	25.74	25.70	25.71
June	25.75	25.79	25.73	25.73
Quarter	Max: 25.97		Min: 25.46	

Table 3.10 KC2: Monthly Barometric Pressure (in Hg) Summary for the Second Quarter 2010

Month	Hour 04 Avg	Hour 10 Avg	Hour 16 Avg	Hour 22 Avg
April	26.86	26.90	26.85	26.86
May	26.86	26.91	26.85	26.85
June	26.88	26.93	26.87	26.85
Quarter	Max: 27.15		Min: 26.65	

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 2010

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	417.8	526.8	177.6	970.0	0.0
May	481.7	526.1	296.8	987.0	0.0
June	481.7	520.9	376.9	975.0	0.0

Note: All statistics based on daylight hours.

Table 3.12 KC2: Monthly Solar Radiation (watts/m²) Summary for the Second Quarter 2010

Month	Monthly Avg.	Maximum Daily Avg.	Minimum Daily Avg.	Maximum Hourly Avg.	Minimum Hourly Avg.
April	415.1	482.1	242.5	935.0	0.1
May	469.3	498.0	264.2	1004.0	2.0
June	422.6	457.0	331.9	976.0	0.0

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 2010

Month	Maximum Daily	Minimum Daily	Average Daily	Total Monthly
April	0.306	0.005	0.193	5.783
May	-	-	-	-
June	1.637	0.336	0.776	18.629

Table 3.14 KC2: Monthly Evaporation (inches) Summary for the Second Quarter 2010

Month	Maximum Daily	Minimum Daily	Average Daily	Total Monthly
April	0.587	0.174	0.344	10.312
May	0.567	0.263	0.435	13.489
June	0.722	0.266	0.534	16.005

3.8 Precipitation

Precipitation events for the quarter are summarized in Tables 3.15 and 3.16. Precipitation at site KC1 was 0.07 inch in April, 0.01 inch in May and 0.00 inches in June. Precipitation at site KC2 was 0.04 inch in April, 0.02 inch in May and 0.04 inches in June.

Table 3.15 KC1: Monthly Precipitation (inch) Summary for the Second Quarter 2010

Month	Day	Precipitation (in)	Duration (hours)
April	1	0.02	2
	22	0.05	1
	Monthly Total	0.07	3
May	2	0.01	1
	Monthly Total	0.01	1
June	-	-	-
	Monthly Total	0	0
Quarter	Total	0.08	4

Table 3.16 KC2: Monthly Precipitation (inch) Summary for the Second Quarter 2010

Month	Day	Precipitation (in)	Duration (hours)
April	1	0.03	2
	22	0.01	1
	Monthly Total	0.04	3
May	18	0.02	1
	Monthly Total	0.02	1
June	28	0.01	1
	29	0.03	1
	Monthly Total	0.04	2
Quarter	Total	0.10	6

4. DATA RECOVERY

Data recovery statistics for the quarter are summarized for each site in Tables 4.1 and 4.2. There were no evaporation data recorded at KC1 between May and the first week of June. 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 2010

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	99.1%	0%	77.2%	58.8%
Precipitation	100%	100%	100%	100%

Table 4.2 Monitoring Site KC2 Data Completeness for the Second Quarter 2010

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	99.6%	99.6%	99.6%	99.6%
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 2010

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				
04/01/10	4.6	3.9	4.3	5.0	5.1	3.9	1.7	1.9	2.7	2.8	3.9	3.5	3.5	3.8	4.2	4.1	3.8	3.6	3.3	2.1	1.7	1.9	2.3	3.1	5.1	1.7	3.4	
04/02/10	2.7	2.2	2.2	2.1	1.8	0.5	0.5	1.2	2.2	2.9	3.4	3.9	3.5	3.5	3.6	3.4	2.8	2.7	1.1	0.3	0.4	0.8	0.7	3.9	0.3	2.2		
04/03/10	0.4	0.2	0.3	1.3	1.5	1.3	1.4	1.7	2.7	3.4	3.3	2.3	3.0	2.5	3.0	3.3	2.9	2.3	0.9	0.4	0.2	1.2	2.6	1.9	3.4	0.2	1.8	
04/04/10	1.4	0.9	1.2	0.1	0.3	0.3	0.4	0.8	1.8	3.4	3.7	4.2	4.2	3.4	3.6	3.3	2.6	2.4	1.6	0.8	1.1	0.5	1.1	3.4	4.2	0.1	1.9	
04/05/10	4.9	5.1	3.6	4.0	3.9	3.8	4.7	3.2	3.9	4.0	4.9	4.8	4.7	4.7	6.1	5.4	5.4	4.5	3.6	2.7	3.6	2.8	3.0	3.7	6.1	2.7	4.2	
04/06/10	3.3	2.6	2.4	2.3	1.3	0.7	1.2	0.9	2.3	3.9	3.5	3.4	4.0	3.8	4.9	3.8	3.8	3.6	3.4	3.3	2.7	2.0	0.7	2.2	4.9	0.7	2.7	
04/07/10	6.0	6.2	7.1	9.0	9.1	9.4	9.0	10.2	11.0	8.8	9.4	9.2	7.9	6.6	5.7	6.0	4.6	3.8	3.1	0.8	1.1	2.8	3.7	6.6	11.0	0.8	6.5	
04/08/10	5.9	6.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.6	4.3	4.2	2.9	3.5	2.6	2.1	2.2	2.6	2.7	2.1	1.1	0.8	1.1	6.6	0.0	2.4	
04/09/10	0.4	0.1	0.8	0.3	0.7	0.0	1.1	0.7	1.2	2.1	2.6	3.1	3.7	3.5	2.9	3.0	2.9	2.8	2.1	0.9	0.7	0.7	1.1	0.7	3.7	0.0	1.6	
04/10/10	0.4	1.0	0.7	0.5	1.3	1.6	1.6	1.4	2.5	3.5	3.6	4.1	3.9	4.2	4.5	3.8	3.0	3.2	1.6	0.7	0.7	0.7	0.4	2.5	4.5	0.4	2.1	
04/11/10	1.5	0.7	1.1	0.8	0.8	1.3	1.1	1.4	2.4	3.4	4.4	4.8	4.3	4.3	4.3	4.1	3.0	3.5	2.9	1.7	1.4	3.3	3.5	2.8	4.8	0.7	2.6	
04/12/10	2.7	2.1	1.9	2.1	1.2	1.7	3.0	4.6	3.6	5.0	5.1	4.7	3.9	4.2	5.7	6.2	6.4	5.0	3.8	3.2	3.6	3.4	2.8	2.5	6.4	1.2	3.7	
04/13/10	2.6	2.3	2.3	1.7	1.8	1.6	0.9	1.6	2.0	2.7	2.8	3.0	3.2	3.2	3.5	3.1	3.0	2.5	2.2	1.9	1.4	1.5	1.3	1.4	3.5	0.9	2.2	
04/14/10	1.4	1.9	1.8	1.6	1.6	1.8	1.5	1.6	3.5	4.6	4.5	4.2	3.6	3.5	2.9	3.2	3.1	2.8	2.1	1.7	1.0	1.0	1.2	0.6	4.6	0.6	2.4	
04/15/10	0.8	1.0	1.6	1.8	1.6	2.2	2.3	2.5	3.7	3.9	2.2	2.6	2.7	2.5	2.6	2.4	2.5	2.4	2.8	3.3	2.6	1.4	1.6	1.2	3.9	0.8	2.3	
04/16/10	0.9	0.8	0.6	1.3	1.9	1.6	2.1	2.2	2.2	2.5	3.9	3.3	3.1	1.7	2.5	2.3	2.1	2.1	1.5	2.1	1.6	0.9	0.8	1.3	3.9	0.6	1.9	
04/17/10	1.4	0.6	1.7	1.5	1.9	2.9	2.7	3.8	4.3	2.4	2.6	2.8	2.6	2.3	2.5	2.9	3.1	2.8	2.8	3.1	2.6	0.9	0.7	0.7	4.3	0.6	2.3	
04/18/10	0.3	0.0	0.3	0.3	0.5	1.5	2.5	2.8	4.2	3.9	2.4	2.6	2.6	3.2	3.5	3.6	3.0	2.8	2.6	1.2	0.8	0.8	1.2	2.0	4.2	0.0	2.0	
04/19/10	0.8	0.6	0.6	2.0	3.1	1.2	0.9	1.8	1.2	2.4	2.6	3.6	2.6	2.6	2.3	2.6	2.6	2.4	2.9	2.0	1.4	0.8	0.6	0.9	0.0	3.6	0.0	1.7
04/20/10	0.0	1.2	1.4	0.8	0.7	0.5	0.1	0.9	2.5	2.3	3.3	3.3	3.1	3.6	4.0	3.6	3.7	3.2	3.2	4.2	4.6	4.5	4.0	4.6	4.6	0.0	2.6	
04/21/10	5.5	4.8	4.7	4.8	3.7	3.9	4.1	6.1	4.7	2.9	3.6	4.7	4.1	5.4	4.4	4.6	4.4	4.9	4.6	3.5	3.7	3.4	4.7	4.0	6.1	2.9	4.4	
04/22/10	2.7	2.3	1.3	1.4	1.7	0.7	0.7	1.3	2.1	2.8	2.8	2.8	2.8	2.8	3.4	3.1	4.1	3.6	2.2	2.8	1.9	1.6	2.0	4.1	0.7	2.3		
04/23/10	2.2	1.9	1.7	1.3	0.5	0.3	0.9	2.6	3.5	3.0	2.9	3.2	3.8	3.2	3.3	3.8	3.7	3.0	1.7	0.0	0.0	0.0	0.0	0.0	3.8	0.0	1.9	
04/24/10	0.4	2.7	1.7	0.9	0.4	0.4	0.4	0.9	2.6	3.4	4.4	4.3	4.3	4.1	3.9	3.6	3.8	3.5	3.7	3.4	2.2	2.2	1.3	1.1	4.4	0.4	2.5	
04/25/10	0.5	0.3	0.8	0.8	0.9	0.9	1.7	1.2	1.5	2.3	3.1	3.3	3.2	3.5	3.4	3.7	3.3	3.3	3.0	2.7	2.0	2.6	2.5	2.8	3.7	0.3	2.2	
04/26/10	2.6	3.3	2.1	0.7	0.9	1.1	1.0	1.2	2.0	3.4	2.8	2.7	3.1	3.4	3.1	3.7	3.4	3.1	2.6	1.8	2.5	2.4	1.5	1.7	3.7	0.7	2.3	
04/27/10	1.7	2.5	3.4	2.5	1.9	1.1	0.8	1.0	2.0	2.4	2.8	2.7	3.2	3.5	3.7	4.0	3.4	3.2	3.0	3.6	3.9	2.8	1.8	1.8	4.0	0.8	2.6	
04/28/10	2.2	2.0	1.6	1.9	1.0	0.7	1.7	3.1	3.1	2.6	4.2	4.0	5.4	6.4	5.0	6.2	6.4	7.1	7.6	5.9	-4.6	5.6	6.4	6.0	7.6	0.7	4.2	
04/29/10	5.3	4.7	3.6	3.6	3.7	4.9	5.3	4.4	3.2	4.3	4.6	4.6	4.9	5.1	5.2	5.3	4.3	5.0	4.3	4.0	4.5	4.6	4.2	2.4	5.3	2.4	4.4	
04/30/10	2.0	1.0	0.8	1.2	1.5	0.5	0.6	2.4	3.1	3.3	3.5	3.5	3.9	4.0	4.2	3.9	3.5	3.7	3.5	1.5	0.7	0.8	0.6	0.8	4.2	0.5	2.3	

Hourly Averages																												
2.2	2.2	2.0	1.9	1.9	1.7	1.9	2.3	2.9	3.4	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.8	3.6	3.4	2.9	2.3	2.0	1.9	2.0	2.2			
Maximum Hourly Wind Speed: 11.0 Minimum Hourly Wind Speed: 0.0 Average Monthly Wind Speed: 2.7																												
Maximum 24-Hour Mean: 6.5 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
APRIL 2010

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		
04/01/10	187	203	200	212	206	265	99	128	204	218	226	212	252	255	212	224	217	193	229	140	69	285	288	290		
04/02/10	273	268	269	270	264	358	212	122	268	265	257	249	240	233	248	248	228	249	240	248	215	104	200	168		
04/03/10	151	163	210	155	164	141	115	109	103	108	130	148	190	235	245	232	192	168	112	282	280	292	291	297		
04/04/10	316	308	235	247	54	212	173	141	128	200	204	202	207	229	230	249	130	194	28	344	178	168	180	193		
04/05/10	203	216	221	205	213	219	219	219	196	200	209	216	206	202	215	201	183	196	360	162	191	264	246	277		
04/06/10	264	268	329	289	276	300	150	305	261	267	229	246	249	234	256	285	274	249	273	299	263	220	277	68		
04/07/10	33	30	30	29	30	32	35	37	37	46	49	57	53	56	48	38	41	45	36	126	91	66	67	51		
04/08/10	51	51	53	0	0	0	0	0	0	49	57	119	130	114	114	129	128	188	238	259	282	292	181	177		
04/09/10	165	119	175	182	147	0	162	127	111	114	118	189	209	234	249	230	218	244	325	330	191	176	195	178		
04/10/10	172	181	165	165	131	143	149	98	94	126	173	183	223	178	182	214	220	168	139	57	175	132	332	246		
04/11/10	273	133	212	174	170	140	156	114	106	131	176	173	188	180	198	211	206	204	199	201	196	233	234	234		
04/12/10	240	253	233	245	192	178	174	195	235	204	189	205	226	224	210	210	195	172	194	169	195	194	225	245		
04/13/10	248	264	277	244	224	262	22	46	92	240	269	225	269	239	261	266	261	251	306	294	264	153	142	173		
04/14/10	149	162	117	134	162	134	116	83	109	133	138	147	217	238	223	252	273	274	205	256	295	252	206	155		
04/15/10	192	179	171	159	150	165	140	124	65	40	239	258	137	97	270	311	262	282	265	266	275	197	178	233		
04/16/10	252	184	167	176	168	190	159	115	341	118	266	273	265	285	259	202	258	280	266	276	283	328	192	195		
04/17/10	196	195	152	148	165	116	88	62	53	62	261	261	196	320	303	217	277	241	268	264	270	302	276	212		
04/18/10	215	258	222	223	176	109	83	80	62	51	131	142	145	182	218	270	206	277	296	66	11	87	273	295		
04/19/10	78	71	235	253	266	257	80	280	247	243	221	234	305	236	245	298	292	299	181	119	240	170	181	0		
04/20/10	0	230	300	95	195	159	55	65	213	221	167	224	248	202	202	213	172	205	204	210	206	213	215	213		
04/21/10	212	219	219	222	230	205	201	197	198	212	194	181	199	206	266	260	259	286	287	254	199	176	149	134		
04/22/10	73	131	121	111	104	152	119	75	278	230	181	142	265	236	217	213	181	209	276	200	133	71	105	145		
04/23/10	117	93	90	101	136	142	244	266	267	248	239	241	244	197	258	234	279	232	235	0	0	0	0	0		
04/24/10	223	240	246	260	269	179	38	22	254	243	261	243	273	262	237	230	246	251	262	257	276	286	273	282		
04/25/10	159	198	184	179	177	151	127	108	102	271	268	240	258	245	239	300	237	253	267	283	269	291	300	294		
04/26/10	299	273	260	182	178	182	175	136	83	35	254	269	251	229	288	237	240	223	227	254	267	278	272	269		
04/27/10	306	305	298	290	274	308	98	109	215	258	248	262	241	225	239	210	252	15	233	295	288	302	297	96		
04/28/10	145	162	197	240	254	240	193	208	217	232	222	197	224	218	198	195	206	202	206	199	210	206	210			
04/29/10	205	200	185	205	219	214	211	166	171	185	167	154	191	182	145	144	119	133	169	16	300	293	300	292		
04/30/10	301	270	14	272	236	193	217	275	262	254	252	264	250	256	255	232	251	266	283	292	101	5	295	284		
Hourly Averages		190	194	193	189	181	178	134	134	166	173	200	205	218	214	224	225	216	215	227	214	207	201	219	197	
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 2010

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			
05/01/10	1.3	1.4	1.1	1.3	0.7	0.9	0.5	1.4	3.2	3.2	3.3	3.6	3.9	3.5	4.0	5.1	4.0	4.3	4.1	4.2	4.0	2.9	2.4	3.2	5.1	0.5	2.8
05/02/10	3.0	4.7	4.9	5.3	3.1	3.8	4.2	4.2	4.9	6.0	5.4	5.4	6.0	5.9	5.6	6.3	6.2	6.3	5.1	3.8	4.1	3.3	1.3	1.1	6.3	1.1	4.6
05/03/10	0.9	1.5	1.3	1.5	2.4	2.8	2.9	4.7	5.0	3.5	3.9	2.5	2.6	3.2	3.3	3.5	3.4	3.1	3.5	3.0	3.3	2.2	1.0	0.7	5.0	0.7	2.7
05/04/10	1.3	1.2	0.9	1.2	0.8	1.8	2.1	2.3	3.2	2.5	2.9	3.0	3.0	2.7	3.1	3.0	3.1	2.7	2.0	1.8	0.2	0.2	0.2	0.0	3.2	0.0	1.9
05/05/10	0.2	1.0	0.0	0.0	0.1	1.1	1.2	1.0	2.3	2.7	3.6	4.1	4.1	5.0	4.5	5.7	4.5	3.8	3.7	3.0	2.4	4.8	4.5	5.8	5.8	0.0	2.9
05/06/10	5.1	3.6	3.0	1.6	2.1	3.1	3.4	4.5	3.8	4.0	5.1	3.7	3.8	4.1	4.1	4.0	3.8	3.4	3.5	2.8	2.5	1.8	1.8	1.4	5.1	1.4	3.3
05/07/10	1.8	0.4	0.2	1.2	0.8	0.0	0.2	1.4	3.2	2.3	2.7	3.0	2.9	3.4	3.3	3.8	2.8	2.5	2.3	0.6	0.8	1.2	1.0	1.1	3.8	0.0	1.8
05/08/10	0.8	0.7	0.6	0.7	1.1	0.7	0.6	1.0	2.5	3.1	3.9	4.6	3.6	4.4	3.8	4.0	3.8	3.6	3.1	2.6	1.2	1.3	1.4	0.3	4.6	0.3	2.2
05/09/10	2.0	2.2	1.5	1.2	0.7	0.6	0.1	1.1	2.1	3.4	3.8	3.6	4.5	4.9	5.1	4.9	4.0	3.1	3.4	4.2	4.3	4.3	5.0	4.6	5.6	0.1	3.2
05/10/10	6.1	6.1	4.9	3.6	2.6	2.0	2.0	2.4	1.2	2.9	3.0	2.9	3.5	4.1	3.2	3.3	3.5	3.4	2.3	1.8	1.5	1.5	2.0	2.8	6.1	1.2	3.0
05/11/10	2.5	3.4	2.5	3.0	3.4	4.6	4.9	5.4	3.7	3.4	3.4	5.1	5.2	4.6	5.2	4.9	4.5	4.2	4.2	3.4	4.1	2.9	2.0	2.2	5.4	2.0	3.9
05/12/10	2.5	2.0	0.8	0.6	1.1	0.5	0.8	1.5	2.6	2.9	3.0	3.9	4.0	3.5	3.8	3.7	3.7	3.4	3.4	2.2	0.8	1.2	0.6	0.6	4.0	0.5	2.2
05/13/10	0.5	0.9	0.9	1.0	1.0	1.2	2.1	5.4	4.6	4.2	4.5	3.0	2.9	2.5	3.3	3.3	2.9	2.6	3.4	1.9	1.7	1.2	1.8	1.6	5.4	0.5	2.4
05/14/10	1.7	1.7	1.7	0.9	1.3	1.3	0.9	1.1	1.8	3.0	2.7	3.2	3.6	3.5	3.4	3.9	3.5	2.5	2.2	2.3	1.2	1.4	1.0	1.5	3.9	0.9	2.1
05/15/10	1.4	1.6	1.2	2.1	2.5	2.9	2.8	3.3	4.1	4.4	3.2	2.7	2.7	3.7	3.3	3.1	3.2	3.0	2.0	1.9	2.0	1.5	1.3	1.0	4.4	1.0	2.5
05/16/10	1.3	1.1	1.4	1.8	1.8	1.7	1.4	2.0	2.3	2.6	2.8	3.1	4.2	3.8	3.6	3.6	3.8	3.1	2.8	2.9	1.0	1.2	1.3	2.6	4.2	1.0	2.4
05/17/10	4.3	2.7	1.4	0.5	0.8	0.3	0.4	1.0	3.9	3.9	4.3	5.4	4.9	5.5	5.0	4.4	4.4	4.2	4.0	3.0	3.5	5.1	5.9	4.4	5.9	0.3	3.5
05/18/10	5.0	4.4	5.4	3.3	1.1	0.8	0.7	2.4	2.4	2.7	3.3	3.4	3.8	4.6	4.2	4.0	4.6	4.0	3.0	3.0	2.8	2.6	2.2	2.4	5.4	0.7	3.2
05/19/10	2.3	1.0	0.9	0.6	0.3	0.2	0.5	1.2	3.1	3.5	4.2	3.7	3.5	3.7	3.6	3.2	3.3	2.9	2.4	2.9	2.3	3.0	3.0	2.5	4.2	0.2	2.4
05/20/10	2.7	1.9	2.4	1.2	1.0	1.2	1.2	1.7	1.8	3.2	2.8	3.3	3.5	3.4	2.9	2.9	3.1	3.3	2.2	1.5	0.4	1.0	0.0	0.0	3.5	0.0	2.0
05/21/10	0.0	0.0	0.0	0.6	0.9	1.0	0.8	1.8	2.0	2.7	4.0	4.7	4.4	4.3	4.6	5.0	4.4	4.6	5.3	5.3	3.2	2.1	2.7	4.7	5.3	0.0	2.9
05/22/10	4.9	5.0	6.5	2.7	3.7	4.4	3.8	3.9	4.1	4.8	5.3	5.5	6.4	5.8	5.0	5.4	3.7	3.5	2.8	2.6	2.5	1.5	1.4	1.2	6.5	1.2	4.0
05/23/10	2.8	3.1	4.3	4.3	3.8	3.6	3.5	4.4	4.5	4.6	4.9	5.0	4.4	4.1	4.7	4.1	4.1	3.7	4.1	3.5	4.0	3.6	3.4	3.0	5.0	2.8	4.0
05/24/10	2.8	1.9	2.0	1.1	0.9	1.6	1.9	2.9	2.5	3.7	3.2	2.7	3.6	3.2	3.3	3.1	3.4	3.0	2.9	3.4	3.3	2.2	1.6	1.0	3.7	0.9	2.6
05/25/10	0.1	0.4	0.2	1.5	1.5	1.2	1.5	2.3	2.3	2.6	2.6	3.3	3.2	3.2	2.9	3.3	3.1	3.5	2.5	2.5	2.1	0.7	0.7	0.7	3.5	0.1	2.0
05/26/10	0.9	0.8	0.5	0.5	1.0	1.2	1.2	1.5	3.2	3.3	3.7	3.4	4.1	4.0	2.9	3.3	3.3	3.1	3.3	2.5	1.9	2.4	2.0	1.1	4.1	0.5	2.3
05/27/10	0.3	0.0	0.0	0.7	1.6	0.6	0.4	1.6	2.0	2.7	3.0	2.9	3.0	2.9	3.5	3.1	3.2	2.6	2.1	1.6	0.9	0.1	3.5	0.0	1.8		
05/28/10	0.1	0.4	0.4	0.0	0.0	0.0	0.0	1.7	3.0	3.1	3.0	3.2	3.3	4.0	3.9	4.0	4.2	2.9	3.0	2.6	2.8	2.5	2.3	2.2	4.2	0.0	2.2
05/29/10	2.2	2.2	0.6	1.5	0.3	0.5	0.0	1.3	3.1	3.0	2.4	2.8	3.0	3.0	3.7	3.5	3.5	2.9	2.7	1.7	1.7	0.4	0.8	0.2	3.7	0.0	2.0
05/30/10	0.7	0.0	0.2	0.6	1.2	1.2	1.4	1.5	2.1	3.1	2.7	3.0	2.9	3.4	3.8	3.8	3.3	3.0	3.2	2.8	1.6	0.8	1.4	1.5	3.8	0.0	2.1
05/31/10	0.9	0.4	0.9	1.1	1.1	0.8	0.8	0.8	1.6	3.3	3.2	3.4	2.8	3.6	3.7	3.8	3.0	3.7	3.0	1.9	1.3	0.6	1.1	2.2	3.8	0.4	2.0

Hourly Averages

2.0 1.9 1.7 1.5 1.4 1.5 1.6 2.3 3.0 3.4 3.5 3.6 3.8 3.9 3.9 4.0 3.7 3.4 3.2 2.7 2.3 2.0 1.9 1.9

Maximum Hourly Wind Speed: 6.5 **Minimum Hourly Wind Speed:** 0.0 **Average Monthly Wind Speed:** 2.7

Maximum 24-Hour Mean: 4.6 **Minimum 24-Hour Mean:** 1.8

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 2010

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	
05/01/10	299	292	264	255	146	248	192	108	270	265	262	249	223	234	212	271	171	183	156	139	160	86	87	205	
05/02/10	218	222	221	215	191	217	218	217	216	210	197	167	85	114	290	297	316	291	292	332	7	41	111	181	
05/03/10	188	311	138	117	104	100	94	59	59	65	38	87	267	232	226	245	234	274	278	265	269	276	243	192	
05/04/10	192	178	169	181	169	170	134	111	70	298	271	268	243	240	251	235	243	244	224	228	136	184	215	0	
05/05/10	191	201	189	0	164	159	155	115	96	212	204	210	216	222	186	200	187	116	111	187	177	216	213	213	
05/06/10	224	232	228	217	242	215	198	204	218	217	215	169	194	196	197	172	140	111	178	297	286	315	295	301	
05/07/10	299	245	193	166	149	0	156	84	53	123	100	177	245	236	252	259	208	245	292	306	185	185	193	189	
05/08/10	179	180	124	189	181	168	210	112	154	145	201	195	217	212	217	232	195	207	197	204	293	206	235	343	
05/09/10	244	241	266	209	198	140	135	93	152	203	207	208	217	197	207	206	173	167	155	164	165	195	181	201	
05/10/10	204	200	184	99	143	243	245	272	165	289	262	252	268	243	244	238	213	225	167	158	69	281	220	222	
05/11/10	215	217	240	224	209	212	210	214	207	197	200	206	227	175	210	186	168	216	329	281	304	284	297	295	
05/12/10	300	271	13	155	246	149	132	120	259	267	245	269	240	211	283	268	299	272	279	311	31	203	140	135	
05/13/10	138	201	185	194	171	145	72	49	51	54	74	70	129	138	141	215	255	264	269	295	357	169	149	166	
05/14/10	177	169	185	190	183	171	134	66	213	243	289	285	279	291	240	282	232	289	234	314	337	201	186	190	
05/15/10	190	208	151	131	102	82	71	75	58	42	74	218	302	245	219	186	248	217	235	233	277	290	197	194	
05/16/10	187	181	187	182	135	101	132	84	110	117	253	145	151	172	206	271	214	186	191	219	238	244	237	235	
05/17/10	212	250	155	162	200	162	124	90	138	158	156	194	191	193	197	198	191	179	187	260	206	221	220	221	
05/18/10	207	219	227	225	230	64	229	232	213	223	214	244	230	215	231	189	206	269	129	289	293	299	317	324	
05/19/10	328	176	264	11	179	229	127	210	262	256	252	238	251	251	252	252	271	251	264	269	276	285	279	266	
05/20/10	258	284	281	261	188	186	152	100	95	276	265	262	236	242	265	292	290	221	242	346	166	177	140	0	
05/21/10	0	0	0	160	152	171	100	83	110	235	197	206	215	203	188	211	216	196	203	201	339	86	205	216	
05/22/10	214	199	212	211	216	200	224	232	224	213	215	208	222	212	204	198	178	145	3	229	290	202	237	237	
05/23/10	210	206	195	194	198	201	206	198	208	210	225	225	232	212	206	204	208	171	234	259	289	281	296	326	
05/24/10	346	19	288	354	166	144	121	75	66	48	27	281	257	257	257	263	250	268	252	256	269	265	270	274	
05/25/10	201	183	137	188	178	161	127	78	73	274	258	279	273	272	297	248	279	254	259	264	269	252	280	161	
05/26/10	212	248	295	154	172	169	140	93	114	122	137	171	189	245	283	290	250	279	277	270	273	269	219		
05/27/10	144	0	135	269	270	201	178	94	116	264	237	217	251	243	223	229	244	101	213	243	241	302	191	247	
05/28/10	137	206	159	0	28	0	0	289	270	273	244	246	219	231	236	221	223	166	178	237	270	251	257	281	
05/29/10	263	244	264	251	159	184	354	78	274	273	268	247	275	269	252	251	225	251	244	260	296	194	186	171	
05/30/10	191	0	201	164	195	171	156	110	279	266	278	241	260	285	285	277	219	215	279	291	8	195	177	188	
05/31/10	200	195	180	202	175	187	168	99	323	280	235	218	204	248	203	228	239	294	270	327	345	247	299	287	
Hourly Averages		212	193	191	178	175	160	158	130	165	204	203	215	225	222	230	235	227	217	220	256	230	223	220	215
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 2010

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			
06/01/10	1.7	1.1	1.6	1.9	0.4	0.7	0.2	1.2	2.6	2.7	3.2	3.1	3.3	4.0	3.7	3.8	3.7	3.4	3.4	3.2	1.6	2.0	3.4	2.5	4.0	0.2	2.4
06/02/10	2.1	2.4	2.0	2.0	1.3	1.2	0.3	1.3	3.1	2.8	3.1	3.1	3.3	3.2	3.2	2.9	3.2	2.9	3.3	2.1	1.4	1.4	2.2	2.8	3.3	0.3	2.4
06/03/10	1.9	1.8	1.5	0.7	1.5	1.6	0.8	1.1	3.2	3.4	3.2	3.3	3.2	3.4	3.7	2.9	3.2	3.6	2.5	2.5	1.8	2.3	2.7	2.3	3.7	0.7	2.4
06/04/10	1.2	1.2	1.5	2.4	1.5	0.7	0.8	1.0	3.4	3.5	3.1	2.9	3.8	3.7	3.6	3.1	3.4	3.3	3.0	2.0	1.6	2.5	2.8	2.2	3.8	0.7	2.4
06/05/10	1.7	1.9	1.8	1.7	1.2	0.6	0.2	1.7	3.4	3.1	3.3	3.1	3.8	3.6	3.9	3.3	3.7	3.1	3.3	3.3	2.4	3.1	3.5	3.0	3.9	0.2	2.7
06/06/10	2.6	2.8	3.7	2.5	2.6	1.2	1.1	2.7	3.4	3.1	3.9	4.4	4.2	3.7	3.9	3.8	3.3	3.2	2.9	2.8	2.0	0.9	1.4	1.4	4.4	0.9	2.8
06/07/10	2.7	2.4	2.3	1.1	1.3	0.6	0.6	0.7	0.6	2.0	3.1	2.9	3.2	3.2	3.8	3.6	3.2	3.6	3.4	3.1	2.0	2.5	3.8	1.5	3.8	0.6	2.4
06/08/10	1.0	1.7	2.3	1.6	1.6	0.9	0.9	1.0	2.9	2.5	3.2	2.9	3.5	3.8	4.0	3.6	3.4	2.9	3.3	2.8	3.5	4.2	2.8	1.3	4.2	0.9	2.6
06/09/10	2.1	2.0	1.6	2.2	2.5	3.1	2.2	1.9	2.9	3.0	2.8	3.1	3.3	3.4	3.0	3.2	3.3	3.2	3.0	3.0	1.9	0.9	2.0	1.9	3.4	0.9	2.6
06/10/10	2.3	3.8	4.4	2.9	2.9	3.1	2.7	2.2	3.4	4.0	3.3	3.8	4.6	4.6	4.4	4.6	4.7	4.4	4.4	5.1	4.1	3.3	3.0	3.3	5.1	2.2	3.7
06/11/10	4.6	5.4	4.5	3.1	4.0	3.6	4.1	3.8	5.0	5.1	6.4	5.3	5.5	5.5	5.7	4.7	5.6	5.1	3.3	4.8	4.7	3.5	3.9	3.0	6.4	3.0	4.6
06/12/10	3.5	3.2	2.1	1.2	1.7	3.1	2.2	4.2	4.7	4.4	4.9	4.3	3.9	3.9	4.0	4.6	3.7	3.1	4.0	3.7	2.7	2.8	1.9	2.0	4.9	1.2	3.3
06/13/10	1.2	0.6	0.5	1.3	0.3	0.0	0.0	1.2	2.5	2.9	3.4	4.1	3.3	3.6	3.6	3.8	4.0	3.3	2.9	1.9	1.8	1.2	1.8	1.1	4.1	0.0	2.1
06/14/10	0.7	0.6	0.7	0.1	0.1	1.3	1.5	4.8	4.0	3.1	3.4	3.1	3.4	3.2	3.7	3.8	3.6	3.3	2.5	2.3	1.9	1.4	0.5	0.3	4.8	0.1	2.2
06/15/10	0.6	0.9	1.3	1.3	1.5	1.9	2.2	3.2	3.1	2.2	3.1	4.4	4.2	4.0	3.7	3.2	3.4	3.4	3.0	1.7	0.5	1.3	0.5	0.9	4.4	0.5	2.3
06/16/10	2.1	1.8	2.5	1.0	0.7	1.4	0.4	1.9	3.2	3.3	4.0	4.1	5.0	4.7	5.3	5.3	5.1	4.6	3.5	3.3	3.3	1.6	1.5	1.6	5.3	0.4	3.0
06/17/10	1.5	1.2	0.7	0.9	1.0	0.5	0.8	1.6	2.2	2.4	3.2	2.8	2.9	3.3	3.4	3.4	3.0	2.9	2.6	2.6	1.5	0.9	1.9	2.0	3.4	0.5	2.0
06/18/10	1.1	1.0	0.7	0.4	1.2	1.0	1.2	1.3	2.4	2.2	3.2	3.7	3.3	4.0	3.7	3.5	4.4	3.7	3.6	3.2	1.7	2.1	2.0	1.8	4.4	0.4	2.4
06/19/10	2.0	1.7	0.5	0.3	0.9	0.8	2.7	3.9	3.5	3.3	3.5	2.7	3.7	3.2	3.5	3.9	3.2	2.7	1.9	1.2	0.5	0.3	1.2	1.4	3.9	0.3	2.2
06/20/10	1.2	1.5	0.8	1.1	1.5	2.2	2.4	2.4	3.6	3.7	3.8	3.5	3.3	3.2	3.6	3.5	3.3	3.1	2.5	1.6	0.2	0.3	0.4	0.9	3.8	0.2	2.2
06/21/10	0.2	1.5	1.7	0.9	0.0	0.3	0.7	2.3	2.6	3.5	3.3	4.1	3.7	4.4	3.9	3.9	4.2	4.5	4.6	4.2	4.7	2.6	1.8	2.9	4.7	0.0	2.8
06/22/10	3.7	2.8	2.9	2.0	0.8	1.0	1.0	1.4	2.6	2.6	2.8	2.9	2.8	3.1	3.3	2.9	2.7	2.7	2.7	2.6	1.1	1.2	1.0	2.0	3.7	0.8	2.3
06/23/10	1.6	1.6	1.5	1.7	1.9	2.1	2.0	3.4	3.6	2.8	2.7	2.8	2.8	3.0	2.8	3.3	2.9	2.9	3.5	2.4	1.6	1.8	2.8	3.6	1.5	2.5	
06/24/10	2.0	0.7	0.5	0.9	1.0	1.8	1.7	2.4	3.5	3.8	3.6	3.3	3.1	3.2	3.6	3.6	3.4	3.3	2.7	3.1	5.2	4.2	6.5	7.3	7.3	0.5	3.1
06/25/10	7.7	6.4	4.8	4.5	4.0	3.2	3.0	3.7	3.5	4.1	2.9	2.3	2.6	3.4	3.5	3.2	3.5	2.7	2.8	2.5	1.8	2.1	2.1	1.8	7.7	1.8	3.4
06/26/10	1.3	0.5	0.9	0.4	0.1	0.2	0.7	2.3	2.6	3.5	4.1	4.0	3.3	4.3	4.1	3.7	3.5	3.3	3.5	3.2	4.3	3.2	1.0	0.8	4.3	0.1	2.4
06/27/10	0.9	1.2	0.5	0.3	0.1	0.0	0.0	1.1	2.0	2.9	3.8	3.5	3.6	3.3	2.8	3.2	3.6	3.1	2.7	2.5	2.1	2.6	1.6	0.0	3.8	0.0	2.0
06/28/10	1.0	1.2	1.2	1.1	1.2	0.8	2.3	2.3	4.2	3.9	3.1	3.2	3.5	2.7	2.8	9.1	10.3	8.0	8.0	5.2	4.9	3.9	4.6	5.7	10.3	0.8	3.9
06/29/10	4.6	4.6	4.4	4.6	5.8	5.7	5.3	6.8	7.0	5.0	5.4	4.7	4.6	3.6	3.5	2.9	3.7	3.0	8.9	8.5	6.8	5.3	4.5	4.8	8.9	2.9	5.2
06/30/10	5.3	4.4	5.0	5.5	5.8	4.8	5.7	6.9	6.8	6.9	6.3	5.1	4.5	4.0	2.5	3.8	6.7	7.6	7.5	8.0	5.9	7.7	4.2	3.2	8.0	2.5	5.6

Hourly Averages																									2.2	2.1	2.0	1.7					
2.2	2.1	2.0	1.7	1.7	1.6	1.7	2.5	3.4	3.4	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.8	4.0	3.7	3.6	3.3	2.7	2.4	2.4									
Maximum Hourly Wind Speed:																																	
Minimum Hourly Wind Speed:																																	
Average Monthly Wind Speed:																																	
Maximum 24-Hour Mean:																																	
Minimum 24-Hour Mean:																																	
Total Number of Observations:																																	
Possible Number of Observations:																																	
INV = Invalid Data																																	
ND = No Data Collection																																	

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2010

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	
06/01/10	267	266	226	243	197	179	182	238	258	268	244	228	247	236	227	222	202	175	184	169	260	278	279	283	
06/02/10	249	238	257	268	257	203	114	55	248	222	245	280	272	286	307	224	244	309	302	297	317	282	305	294	
06/03/10	289	284	262	270	262	282	225	228	237	268	262	271	258	255	286	262	260	287	254	290	315	336	310	310	
06/04/10	83	289	258	249	188	184	145	24	254	253	270	250	239	258	237	273	274	247	291	208	246	300	311	286	
06/05/10	283	279	285	279	310	130	195	256	255	260	258	244	247	256	270	251	270	269	279	270	283	306	301	295	
06/06/10	297	267	269	264	267	302	232	260	249	240	265	264	265	266	234	268	260	247	264	287	297	274	246	291	
06/07/10	283	259	272	216	192	170	173	157	53	304	265	255	237	248	253	243	225	255	278	286	296	307	304	319	
06/08/10	57	263	242	262	249	176	141	8	273	264	267	275	242	243	284	250	272	246	233	280	296	297	291	326	
06/09/10	255	246	220	240	240	233	232	214	197	223	260	239	274	289	240	236	206	228	216	200	213	267	246	197	
06/10/10	223	201	218	232	232	223	231	237	216	215	237	239	230	227	198	207	215	189	198	210	193	179	199	203	
06/11/10	213	215	201	202	202	203	195	199	203	196	186	201	222	204	205	210	211	194	116	200	215	222	238	236	
06/12/10	234	229	232	238	225	261	206	187	195	203	204	236	212	233	216	223	169	224	296	286	272	307	310	292	
06/13/10	306	272	307	189	169	0	0	267	272	253	239	218	234	249	233	220	239	258	269	200	258	244	282	321	
06/14/10	286	288	135	197	165	181	132	45	49	58	345	265	231	239	214	239	259	275	270	253	248	242	134	171	
06/15/10	197	200	188	195	190	155	128	87	60	238	231	205	194	205	250	201	244	223	223	300	163	194	170	161	
06/16/10	253	282	261	210	211	162	92	97	221	214	187	183	193	213	221	223	208	211	202	184	214	323	293	278	
06/17/10	252	307	309	254	203	160	144	99	129	230	203	255	262	293	287	264	295	287	271	297	14	188	183	187	
06/18/10	197	171	180	203	260	164	118	82	99	136	254	210	230	228	207	215	220	190	176	175	183	228	289	258	
06/19/10	272	269	283	144	148	177	193	196	197	211	185	245	248	263	215	227	263	235	197	200	176	282	254	286	
06/20/10	282	281	202	222	250	262	267	253	188	193	177	199	269	237	255	254	219	219	206	186	327	263	214	264	255
06/21/10	197	231	259	206	212	196	184	197	183	207	187	213	236	226	276	200	209	212	211	212	211	221	247	223	
06/22/10	226	230	249	255	156	145	142	89	116	109	227	219	283	250	269	256	243	245	272	267	308	182	184	196	
06/23/10	196	190	187	167	163	181	130	86	61	46	293	277	265	280	269	295	270	265	263	265	267	275	271	258	
06/24/10	259	162	175	200	174	119	106	78	86	114	123	146	134	180	248	228	264	263	284	287	36	74	110	108	
06/25/10	113	87	61	56	65	65	79	73	70	54	82	152	258	273	246	225	225	333	266	290	307	273	277	268	
06/26/10	278	232	204	100	111	226	98	228	266	232	192	212	230	208	214	222	232	170	186	217	215	229	135	175	
06/27/10	148	150	87	146	147	0	0	75	82	138	132	188	279	274	276	283	271	261	235	304	284	261	271	223	
06/28/10	198	190	174	170	191	138	90	83	103	118	149	168	113	152	43	98	78	48	28	86	92	74	57	55	
06/29/10	76	82	78	62	53	59	63	50	44	110	131	125	126	137	155	169	288	284	33	49	41	47	58	62	
06/30/10	48	66	48	53	51	65	69	78	86	103	111	123	134	149	204	29	13	30	35	40	51	40	59	75	

Hourly Averages																								
217	224	211	200	191	167	144	141	165	189	214	219	229	235	235	224	228	229	217	231	218	232	229	230	
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 2010
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
04/01/10	55	44	46	26	35	98	79	79	28	40	41	54	70	65	47	39	74	63	78	78	70	73	57	29
04/02/10	22	19	23	17	17	52	33	25	39	22	33	42	39	45	51	63	53	71	42	65	23	18	14	42
04/03/10	8	5	10	33	30	21	26	12	20	17	25	57	62	57	69	72	67	83	56	14	7	32	35	50
04/04/10	69	65	44	12	30	5	11	24	50	25	28	37	43	56	54	67	91	73	93	55	21	12	23	11
04/05/10	15	14	18	14	17	16	14	20	19	22	27	37	49	46	40	54	55	72	95	82	67	78	74	52
04/06/10	57	58	91	56	46	57	49	46	25	15	34	46	41	68	50	71	76	79	53	45	47	43	24	79
04/07/10	14	14	13	12	11	11	12	13	18	18	19	20	24	22	18	21	20	15	34	30	26	23	14	
04/08/10	13	12	10	0	0	0	0	0	0	8	34	24	26	39	39	54	62	78	55	27	21	52	28	30
04/09/10	22	10	26	20	10	0	20	10	24	34	77	42	58	49	82	70	82	70	66	35	63	25	27	22
04/10/10	17	22	19	15	19	11	10	24	22	18	38	31	36	31	34	65	75	62	74	61	25	37	53	16
04/11/10	36	34	20	41	29	17	13	52	26	23	29	25	39	60	44	50	69	51	40	50	32	24	19	24
04/12/10	21	21	25	14	61	20	19	14	33	27	21	35	66	54	39	39	45	68	96	72	45	44	54	54
04/13/10	40	58	40	57	27	21	65	38	74	53	48	56	65	80	72	75	74	91	85	40	41	53	32	27
04/14/10	26	17	38	33	23	19	25	22	22	23	24	41	77	56	68	55	74	66	67	46	25	67	71	35
04/15/10	23	31	25	17	20	15	14	16	24	19	73	72	52	94	62	62	59	41	26	19	19	77	23	37
04/16/10	50	32	32	26	23	29	21	37	89	59	26	19	29	36	65	59	74	37	36	44	28	62	23	30
04/17/10	34	15	20	25	35	29	27	18	16	41	60	44	77	55	61	80	53	56	33	17	14	13	13	35
04/18/10	33	6	7	11	24	67	24	26	19	20	45	39	48	72	69	69	74	89	100	43	48	58	52	31
04/19/10	36	58	13	17	12	34	33	79	52	38	37	44	51	52	79	61	47	73	76	53	55	18	10	0
04/20/10	0	15	75	34	18	33	28	28	42	49	42	51	66	60	38	51	50	55	42	17	20	22	23	21
04/21/10	16	18	21	17	17	16	14	21	34	36	49	67	48	61	61	75	53	62	65	40	41	15	16	
04/22/10	22	17	27	37	16	32	15	32	52	32	49	95	66	78	61	55	33	29	66	63	69	21	41	28
04/23/10	16	20	22	18	15	13	40	14	18	33	45	61	61	89	92	84	73	86	62	0	0	0	0	0
04/24/10	9	22	27	40	23	35	16	77	27	26	25	31	42	38	59	62	60	67	49	45	39	31	46	26
04/25/10	49	20	21	23	18	13	19	23	31	69	23	34	47	59	59	60	65	68	61	44	29	19	23	22
04/26/10	39	21	33	31	16	25	41	32	26	32	61	45	61	58	70	50	62	62	58	44	16	19	35	26
04/27/10	26	27	23	26	30	86	44	24	35	36	45	47	56	66	64	53	86	100	103	42	27	55	82	72
04/28/10	68	58	76	41	62	29	35	23	27	55	35	42	39	41	69	55	46	34	32	39	35	32	37	38
04/29/10	31	37	37	32	30	29	33	69	74	66	82	91	84	81	81	92	77	95	104	98	68	43	25	29
04/30/10	27	45	48	39	68	34	20	21	27	49	60	76	70	69	65	63	65	62	47	60	37	63	14	37

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 2010

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
05/01/10	30	22	20	21	29	58	31	49	17	32	48	61	59	70	68	61	94	93	77	65	63	55	58	58
05/02/10	52	21	16	15	18	27	20	27	25	33	48	75	94	100	63	56	26	30	24	32	18	17	34	34
05/03/10	55	43	31	25	19	17	22	19	21	28	23	71	71	52	37	49	50	39	28	21	13	15	54	14
05/04/10	26	26	22	24	24	23	31	19	24	56	26	27	49	50	46	42	53	59	76	67	30	14	6	0
05/05/10	8	16	4	0	3	17	18	16	27	34	41	39	60	46	53	49	84	92	71	81	74	26	23	20
05/06/10	25	25	29	69	29	21	21	21	27	38	34	76	71	73	83	76	85	83	94	80	42	63	42	59
05/07/10	28	19	15	17	11	0	4	20	20	59	40	62	51	59	78	74	97	73	51	42	22	19	31	29
05/08/10	28	28	37	24	39	31	25	44	29	51	23	30	42	50	56	61	65	60	42	37	80	33	36	32
05/09/10	34	23	39	59	36	54	32	27	37	33	33	51	45	51	48	56	89	96	77	52	59	41	56	31
05/10/10	30	39	49	92	98	80	59	28	84	31	44	53	53	52	67	61	70	56	68	53	78	79	37	26
05/11/10	32	25	26	26	21	17	17	17	56	89	73	54	76	92	95	77	82	91	89	69	41	27	29	27
05/12/10	24	16	75	25	46	30	24	57	22	36	70	69	64	62	78	67	69	82	61	78	47	51	38	22
05/13/10	43	21	25	22	25	29	21	12	16	26	44	66	73	59	58	52	56	52	26	29	60	28	20	24
05/14/10	21	22	31	24	41	23	22	22	71	33	60	58	81	75	58	68	58	89	88	53	73	37	22	14
05/15/10	25	30	56	16	27	22	20	21	18	17	51	59	59	85	74	66	64	71	72	72	34	53	41	25
05/16/10	20	17	24	22	25	28	28	23	30	41	42	51	30	50	72	50	40	79	51	23	36	37	20	26
05/17/10	15	57	45	32	28	21	17	23	24	25	31	30	36	27	35	44	51	47	74	91	33	19	15	17
05/18/10	14	16	15	18	29	62	27	30	47	42	50	60	69	65	79	83	58	87	91	72	37	27	26	22
05/19/10	25	75	38	44	12	14	10	62	22	26	31	29	49	52	51	48	68	67	55	50	34	37	34	25
05/20/10	23	28	26	70	28	33	31	22	68	21	34	48	46	56	59	52	67	60	74	66	33	20	1	0
05/21/10	0	0	0	13	27	12	19	22	34	46	31	42	43	58	54	51	65	48	31	49	98	71	51	26
05/22/10	21	20	19	36	26	15	24	30	27	27	35	37	36	33	48	50	83	67	98	93	56	54	24	19
05/23/10	18	16	13	12	14	13	17	16	24	33	36	41	65	56	70	61	81	83	77	74	65	75	59	81
05/24/10	85	93	43	81	43	47	39	32	43	30	53	60	35	44	55	52	50	51	52	27	19	26	21	54
05/25/10	9	23	11	20	19	28	22	22	60	53	46	62	53	43	48	65	60	47	62	51	21	44	7	47
05/26/10	25	31	38	35	25	23	22	22	26	23	25	49	41	47	78	83	71	68	51	31	16	17	53	56
05/27/10	15	0	0	5	54	24	16	24	31	56	42	67	50	56	64	78	74	95	68	66	42	72	40	3
05/28/10	3	8	16	0	4	0	0	37	27	20	40	69	70	48	59	67	60	89	90	78	39	25	18	23
05/29/10	36	42	15	17	18	14	3	52	22	29	65	82	72	74	64	83	67	74	75	89	42	32	33	23
05/30/10	35	0	14	41	22	20	38	23	37	24	58	69	73	70	72	82	73	71	52	18	65	16	19	20
05/31/10	15	18	23	39	39	17	11	20	73	24	53	51	86	67	70	77	67	93	89	67	41	57	52	41

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 2010

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
06/01/10	37	42	50	22	37	18	6	20	31	54	48	57	76	56	70	81	80	73	56	55	94	21	24	27
06/02/10	32	24	24	14	27	51	26	35	43	59	58	47	55	58	75	79	84	94	50	56	64	58	45	28
06/03/10	31	28	16	30	44	56	71	77	15	25	45	46	50	66	59	71	68	52	71	34	36	21	23	27
06/04/10	53	31	23	10	73	20	22	63	17	23	29	50	42	54	54	73	72	67	80	74	75	37	31	26
06/05/10	24	13	35	29	53	28	16	29	15	24	38	46	42	55	44	73	74	94	58	42	54	26	24	22
06/06/10	23	35	16	17	20	52	31	21	19	24	26	28	34	46	37	66	75	68	65	68	42	52	50	28
06/07/10	32	22	20	69	40	25	35	27	28	43	26	39	56	62	48	61	82	92	87	55	41	31	24	80
06/08/10	49	54	18	13	51	33	51	49	22	37	32	69	68	56	59	76	66	81	88	56	28	22	38	68
06/09/10	66	40	33	14	15	16	37	38	29	43	41	71	46	62	81	79	79	76	60	34	39	43	62	93
06/10/10	19	16	18	23	20	22	24	28	32	27	63	62	34	52	63	55	50	55	55	29	58	50	39	34
06/11/10	22	18	20	21	18	15	16	22	21	27	23	37	49	49	52	66	52	58	63	38	31	38	24	23
06/12/10	23	21	23	46	18	17	63	19	24	34	41	50	62	64	59	74	91	80	49	54	27	28	32	28
06/13/10	33	18	14	46	22	0	0	19	27	33	47	43	54	65	49	61	51	66	82	71	53	37	18	24
06/14/10	21	23	24	14	3	15	43	12	18	42	57	60	61	69	47	46	43	44	52	59	55	39	56	35
06/15/10	37	54	28	46	16	16	14	24	26	70	51	36	45	72	75	63	81	65	61	77	52	21	13	16
06/16/10	39	19	19	77	28	80	43	33	36	40	35	39	38	55	36	40	41	42	79	50	42	73	22	27
06/17/10	31	50	40	17	67	18	29	19	44	82	69	60	73	69	62	67	83	77	60	23	74	48	30	17
06/18/10	17	27	52	22	47	22	10	28	36	45	80	62	71	61	75	69	46	60	73	41	68	75	57	49
06/19/10	38	24	22	16	71	37	23	16	24	47	42	67	59	70	67	63	87	79	77	65	44	12	17	17
06/20/10	21	19	59	26	25	17	20	41	26	32	34	59	51	61	76	74	69	66	94	46	33	23	17	42
06/21/10	13	40	25	52	3	36	50	45	35	29	32	37	62	58	62	57	48	55	46	30	24	40	47	26
06/22/10	17	20	12	60	39	28	23	18	23	43	52	60	54	68	66	62	63	68	61	43	57	58	39	33
06/23/10	32	17	29	27	16	13	23	17	20	30	55	42	55	51	76	46	54	56	51	30	22	14	30	11
06/24/10	26	42	21	16	36	38	52	36	32	29	39	37	79	81	66	70	82	60	70	35	29	26	20	12
06/25/10	11	25	20	19	19	24	22	18	19	22	63	51	78	48	65	87	78	96	94	72	54	36	32	37
06/26/10	57	39	57	38	5	6	36	35	30	50	33	50	70	68	58	62	67	85	61	39	16	29	61	37
06/27/10	54	31	30	9	3	0	0	18	38	39	32	60	47	51	82	57	44	61	51	42	25	10	12	2
06/28/10	41	29	29	30	22	30	14	19	26	28	32	50	35	63	64	20	26	14	12	38	22	20	18	20
06/29/10	17	15	19	17	14	17	18	14	14	25	19	25	28	42	53	55	85	29	14	13	12	16	20	20
06/30/10	13	19	15	14	20	20	19	22	16	19	18	20	29	34	80	79	31	17	11	14	14	10	19	16

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 2010**

10-METER TEMPERATURE (°C)

Hourly Averages

13.7 13.1 12.6 12.1 11.5 11.0 10.9 11.8 13.3 14.3 15.2 16.1 16.8 17.4 17.8 18.0 18.1 17.7 17.1 16.3 15.7 15.1 14.5 14.2

Maximum Hourly Temperature: 24.5

Minimum Hourly Temperature: 2.8 **Average Monthly Temperature:** 14.8

Maximum 24-Hour Mean: 21.4

Minimum 24-Hour Mean: 5.7

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 2010

2-METER TEMPERATURE (°C)

Hourly Averages

13.4 12.8 12.3 11.7 11.2 10.6 10.7 12.2 13.9 15.2 16.1 17.1 17.7 18.3 18.7 18.8 18.7 18.1 17.2 16.3 15.5 14.8 14.2 13.9

Maximum He

11

Minimum 24-Hour Mean: 0.0

Total Number

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
APRIL 2010
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			
04/01/10	-0.145	-0.143	-0.168	-0.156	-0.117	-0.113	-0.096	-0.209	-0.467	-0.706	-0.832	-1.057	-0.875	-0.780	-0.752	-0.759	-0.627	-0.358	-0.108	0.000	-0.010	0.062	0.015	0.007	0.062	-1.057	-0.350
04/02/10	0.037	0.087	0.075	0.130	0.245	0.346	0.222	-0.531	-0.469	-0.629	-0.789	-0.907	-0.991	-0.904	-0.899	-0.740	-0.611	-0.295	-0.104	0.038	0.328	0.147	0.359	0.555	0.555	-0.991	-0.221
04/03/10	0.295	0.341	0.275	0.565	0.921	0.573	0.222	-0.447	-0.722	-0.932	-1.070	-1.191	-1.181	-1.146	-0.895	-0.798	-0.639	-0.320	-0.025	0.241	0.407	0.157	0.081	0.114	0.921	-1.191	-0.216
04/04/10	0.146	0.278	0.207	0.467	0.462	0.661	0.706	-0.210	-0.634	-0.788	-0.930	-1.051	-1.108	-0.964	-0.939	-0.840	-0.602	-0.377	-0.005	0.225	0.665	0.540	1.049	1.003	1.049	-1.108	-0.085
04/05/10	0.232	0.111	0.305	0.182	0.244	0.212	0.087	-0.158	-0.512	-0.727	-0.887	-0.879	-0.887	-0.904	-0.734	-0.685	-0.515	-0.282	-0.070	-0.015	-0.039	-0.025	-0.029	-0.029	0.305	-0.904	-0.250
04/06/10	-0.051	-0.031	-0.032	-0.031	-0.010	0.183	-0.003	-0.425	-0.521	-0.530	-1.092	-1.032	-0.912	-1.006	-0.793	-0.787	-0.520	-0.370	-0.103	0.011	0.066	0.435	0.559	0.487	0.559	-1.092	-0.271
04/07/10	0.288	0.214	0.157	0.123	0.113	0.093	-0.078	-0.482	-0.767	-1.005	-1.165	-1.278	-1.483	-1.506	-1.515	-1.323	-0.972	-0.519	0.245	0.362	0.422	0.316	0.242	0.237	0.422	-1.515	-0.387
04/08/10	0.260	0.291	0.216	0.182	0.199	0.217	0.052	-0.372	-0.728	-1.076	-1.234	-1.159	-1.202	-1.182	-1.129	-0.954	-0.684	-0.400	-0.049	0.043	0.271	0.558	0.652	1.125	1.125	-1.234	-0.254
04/09/10	0.894	0.708	0.480	0.571	0.528	0.465	0.423	-0.127	-0.631	-0.888	-1.004	-1.032	-1.129	-0.981	-1.002	-0.808	-0.603	-0.314	0.020	0.245	0.904	0.745	0.536	0.950	0.950	-1.129	-0.044
04/10/10	0.551	0.686	0.585	0.696	0.858	0.808	0.987	-0.085	-0.756	-0.873	-1.002	-1.066	-1.040	-1.161	-1.030	-0.772	-0.554	-0.254	0.003	0.372	0.439	0.796	1.071	0.618	1.071	-1.161	-0.005
04/11/10	0.697	0.709	1.191	0.814	0.539	0.726	0.907	-0.112	-0.721	-0.908	-1.012	-1.130	-1.130	-1.159	-0.958	-0.879	-0.578	-0.285	-0.009	0.192	0.184	0.250	0.143	0.125	1.191	-1.159	-0.100
04/12/10	0.215	0.231	0.414	0.943	0.668	0.492	0.251	-0.142	-0.440	-0.756	-0.975	-1.051	-0.861	-1.059	-0.890	-0.652	-0.440	-0.289	-0.099	-0.049	-0.063	-0.037	-0.061	-0.022	0.943	-1.059	-0.195
04/13/10	-0.087	-0.116	-0.070	-0.073	-0.105	-0.073	-0.111	-0.512	-0.802	-0.722	-0.685	-0.998	-1.063	-1.127	-1.092	-0.903	-0.753	-0.475	-0.166	-0.016	0.270	0.407	0.287	0.398	0.407	-1.127	-0.358
04/14/10	0.650	0.467	0.384	0.389	0.283	0.239	0.433	-0.495	-0.743	-0.938	-1.098	-1.222	-1.080	-0.998	-1.082	-0.872	-0.729	-0.404	-0.081	0.037	0.094	0.495	0.394	0.436	0.650	-1.222	-0.227
04/15/10	0.553	0.641	0.469	0.857	0.872	0.944	0.153	-0.374	-0.803	-1.288	-0.801	-0.969	-1.172	-1.203	-1.100	-0.948	-0.863	-0.582	-0.086	0.012	0.149	0.569	0.492	0.635	0.944	-1.288	-0.160
04/16/10	1.013	0.846	0.751	1.058	0.585	0.583	0.326	-0.226	-0.511	-0.682	-0.490	-0.580	-0.429	-0.493	-0.475	-0.437	-0.553	-0.177	-0.083	0.018	0.171	0.773	0.498	0.517	1.058	-0.682	0.083
04/17/10	0.801	1.023	0.556	0.624	0.642	0.441	0.145	-0.412	-0.955	-1.065	-0.849	-1.025	-1.266	-0.594	-0.872	-0.921	-0.589	-0.274	-0.075	0.039	0.134	0.408	0.574	0.697	1.023	-1.266	-0.117
04/18/10	0.690	0.829	0.501	0.476	0.530	0.537	0.206	-0.229	-0.762	-1.306	-1.062	-1.153	-1.183	-1.171	-0.947	-0.790	-0.580	-0.350	-0.013	0.175	0.224	0.404	0.447	0.251	0.829	-1.306	-0.178
04/19/10	0.979	0.670	0.550	0.426	0.025	0.205	0.397	0.026	-0.194	-0.385	-0.530	-0.650	-0.603	-0.788	-0.868	-0.859	-0.841	-0.467	-0.099	0.009	0.057	0.347	0.263	0.828	0.979	-0.868	-0.063
04/20/10	0.590	0.441	0.300	0.472	0.515	0.514	0.005	-0.541	-0.598	-0.815	-1.120	-1.119	-1.194	-1.061	-0.784	-0.835	-0.535	-0.331	-0.064	0.037	-0.007	-0.009	-0.030	-0.015	0.590	-1.194	-0.258
04/21/10	-0.079	-0.077	-0.083	-0.085	0.013	0.082	-0.028	-0.222	-0.384	-0.487	-0.363	-0.420	-0.587	-0.503	-0.330	-0.321	-0.364	-0.305	-0.174	-0.174	-0.177	-0.181	-0.236	-0.132	0.082	-0.587	-0.234
04/22/10	-0.073	-0.086	0.016	0.041	0.067	0.059	-0.056	-0.609	-0.638	-0.732	-0.468	-0.570	-0.635	-0.701	-0.466	-0.424	-0.383	-0.258	-0.149	-0.156	-0.120	-0.121	-0.138	-0.186	0.067	-0.732	-0.283
04/23/10	-0.210	-0.134	-0.085	-0.048	0.017	0.104	-0.067	-0.204	-0.412	-0.650	-0.650	-0.656	-0.542	-0.476	-0.688	-0.637	-0.298	-0.274	-0.125	-0.054	-0.052	-0.054	-0.042	-0.010	0.104	-0.688	-0.260
04/24/10	0.050	0.042	0.156	0.154	0.373	0.450	-0.098	-0.530	-0.583	-0.786	-0.739	-0.853	-0.891	-0.925	-1.008	-0.789	-0.611	-0.441	-0.124	-0.024	0.030	0.100	0.276	0.415	0.450	-1.008	-0.265
04/25/10	0.756	0.636	0.627	0.639	0.686	0.965	0.147	-0.470	-0.762	-0.810	-0.723	-1.087	-1.187	-1.016	-0.981	-0.782	-0.580	-0.435	-0.078	0.034	0.163	0.157	0.176	0.147	0.965	-1.187	-0.157
04/26/10	0.200	0.116	0.518	0.895	0.693	0.634	0.513	-0.346	-0.871	-1.358	-0.934	-0.895	-1.061	-1.214	-0.993	-0.913	-0.674	-0.277	-0.021	0.091	0.098	0.192	0.213	0.320	0.895	-1.358	-0.211
04/27/10	0.255	0.240	0.164	0.181	0.198	0.633	0.194	-0.483	-0.617	-0.633	-0.886	-0.989	-1.006	-1.137	-0.929	-0.742	-0.473	-0.296	-0.058	-0.007	0.021	0.060	0.122	0.185	0.633	-1.137	-0.250
04/28/10	0.188	0.064	0.067	0.058	0.181	0.227	0.336	-0.032	-0.480	-0.719	-0.925	-0.968	-0.915	-0.823	-0.829	-0.649	-0.465	-0.307	-0.082	-0.028	0.027	-0.002	-0.017	-0.010	0.336	-0.968	-0.254
04/29/10	-0.010	-0.045	-0.052	-0.094	-0.134	-0.161	-0.200	-0.289	-0.371	-0.586	-0.580	-0.622	-0.762	-0.610	-0.660	-0.520	-0.434	-0.257	-0.177	-0.092	-0.093	-0.110	-0.093	-0.048	-0.010	-0.762	-0.292
04/30/10	0.037	0.031	0.181	0.140	0.262	0.432	0.177	-0.296	-0.529	-0.777	-0.961	-1.222	-1.096	-1.014	-0.894	-0.917	-0.840	-0.540	-0.171	-0.015	0.094	0.067	0.315	0.343	0.432	-1.222	-0.300

Hourly Averages
0.324 0.302 0.289 0.353 0.345 0.383 0.205 -0.318 -0.613 -0.819 -0.862 -0.961 -0.982 -0.954 -0.884 -0.775 -0.597 -0.350 -0.071 0.052 0.155 0.248 0.271 0.331

Maximum Hourly Differential Temperature: 1.191 **Minimum Hourly Differential Temperature:** -1.515

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 2010

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			
05/01/10	10.2	10.1	9.8	9.6	7.5	8.0	7.4	9.2	10.2	11.1	12.2	13.0	13.7	14.3	14.9	15.3	15.4	15.4	15.2	14.9	14.4	14.0	13.8	12.7	15.4	7.4	12.2
05/02/10	11.4	10.5	10.1	10.0	9.4	9.4	9.7	10.3	10.4	11.1	12.1	13.1	14.2	14.5	13.6	15.1	15.3	14.9	14.3	13.7	13.0	11.2	10.1	10.1	15.3	9.4	12.0
05/03/10	9.5	11.2	9.3	8.8	8.2	8.5	9.7	12.0	13.2	14.1	15.7	16.9	18.1	18.8	19.2	19.7	19.7	19.5	18.7	17.9	17.3	17.0	16.2	14.8	19.7	8.2	14.7
05/04/10	14.4	14.5	13.9	13.5	13.7	12.3	12.5	15.3	18.4	19.5	20.3	21.5	22.3	23.5	24.0	24.5	24.5	24.1	23.2	22.3	21.2	20.2	19.2	19.3	24.5	12.3	19.1
05/05/10	18.5	18.5	16.9	17.1	16.7	16.6	16.3	18.4	20.6	22.5	23.1	24.2	25.2	26.0	26.9	27.2	27.0	26.6	25.7	24.7	23.9	23.3	21.9	21.2	27.2	16.3	22.0
05/06/10	20.4	19.4	19.1	18.8	18.5	18.5	18.7	19.2	19.6	20.2	21.4	22.5	23.1	23.8	24.4	25.0	25.1	24.7	23.9	23.0	22.3	21.7	21.5	21.1	25.1	18.5	21.5
05/07/10	20.7	20.2	18.4	17.1	16.5	16.5	16.5	18.2	20.3	21.6	22.6	23.2	23.8	24.7	25.3	25.4	25.5	25.4	25.1	24.5	22.7	21.9	21.5	20.7	25.5	16.5	21.6
05/08/10	20.2	20.3	19.1	18.4	18.8	17.9	17.4	18.9	21.2	22.2	22.7	23.8	24.7	25.5	26.0	26.2	26.4	26.4	26.0	25.4	24.9	24.2	23.6	23.0	26.4	17.4	22.6
05/09/10	22.3	21.2	20.1	18.6	18.1	17.0	17.2	18.6	20.1	20.7	21.6	22.8	23.5	24.2	24.7	25.2	25.0	24.2	23.6	23.0	21.5	20.6	19.0	17.7	25.2	17.0	21.3
05/10/10	16.5	15.1	13.5	11.6	10.4	9.8	9.9	10.3	11.9	12.9	14.7	16.1	17.1	17.6	18.2	18.6	18.9	18.7	18.4	17.8	17.2	16.8	16.7	16.1	18.9	9.8	15.2
05/11/10	15.6	15.0	14.5	14.4	13.6	13.1	13.2	13.2	13.6	13.7	14.0	14.7	15.1	15.4	15.7	16.1	16.1	15.9	14.9	13.9	13.1	12.5	12.1	11.6	16.1	11.6	14.2
05/12/10	11.6	11.1	10.0	9.4	9.2	8.2	8.7	11.0	12.4	13.3	14.3	14.7	15.3	16.2	16.5	16.9	17.2	17.4	16.9	16.5	16.1	14.9	14.1	13.7	17.4	8.2	13.6
05/13/10	14.6	13.2	13.3	13.0	13.0	11.8	12.7	14.3	15.6	17.5	18.5	19.2	20.0	21.1	21.7	22.0	21.8	21.4	20.7	20.2	19.6	18.4	18.0	17.5	22.0	11.8	17.5
05/14/10	16.9	16.6	16.3	16.3	15.7	14.9	14.3	15.5	17.8	18.4	19.3	20.0	20.9	21.4	21.9	22.2	22.3	21.8	21.3	20.1	18.7	18.3	17.5	22.3	14.3	18.8	
05/15/10	17.2	17.7	17.2	15.8	15.2	15.4	15.5	17.4	19.4	21.1	22.1	22.5	23.0	23.7	24.4	24.6	24.7	24.4	24.0	23.2	22.6	22.1	20.2	20.0	24.7	15.2	20.6
05/16/10	20.0	19.5	19.2	18.2	17.0	16.0	17.2	20.2	21.8	22.5	23.6	24.7	25.7	26.1	26.7	26.8	26.9	26.5	25.7	24.8	24.3	23.7	23.4	26.9	16.0	22.8	
05/17/10	21.8	20.0	18.1	17.7	17.4	17.2	17.3	19.8	22.1	22.5	23.3	24.4	25.2	25.6	26.2	26.5	26.5	25.9	24.8	23.4	22.3	21.5	20.3	19.2	26.5	17.2	22.0
05/18/10	18.8	17.8	17.0	16.1	15.5	14.8	15.3	15.9	16.4	17.1	18.1	18.9	19.7	20.2	20.6	21.0	21.1	20.7	20.2	19.6	18.9	18.6	18.5	18.3	21.1	14.8	18.3
05/19/10	18.1	16.8	16.5	16.0	15.2	15.5	15.0	17.4	18.1	18.7	19.6	20.6	21.8	22.6	23.1	23.4	23.7	23.5	23.1	22.4	21.8	21.8	21.8	21.4	23.7	15.0	19.9
05/20/10	21.1	20.7	20.7	19.6	17.9	17.2	17.8	20.2	22.0	22.4	23.3	24.2	25.1	25.5	26.1	26.5	26.5	26.4	25.9	25.2	24.0	22.7	22.3	21.8	26.5	17.2	22.7
05/21/10	21.4	20.7	20.8	19.9	19.6	19.9	19.4	21.0	22.8	23.9	24.6	25.4	26.3	26.8	27.5	27.8	27.8	27.4	26.5	24.9	23.9	23.2	22.8	27.8	19.4	23.8	
05/22/10	22.1	21.2	21.2	20.0	19.5	19.1	18.6	18.2	20.2	21.2	21.9	22.5	23.4	24.2	24.6	24.5	23.9	23.1	22.0	21.0	19.9	19.2	18.7	24.6	18.2	21.2	
05/23/10	18.5	18.3	17.6	16.3	15.8	16.0	16.6	16.9	17.1	17.6	17.4	18.1	18.5	18.5	18.3	17.8	16.2	14.6	13.0	11.7	10.8	10.2	9.6	18.5	9.6	16.0	
05/24/10	9.0	8.4	8.0	7.5	6.5	5.9	7.6	9.4	10.9	12.4	13.6	15.0	15.9	16.9	17.4	18.2	18.3	18.0	17.3	16.4	15.7	15.2	14.8	14.0	18.3	5.9	13.0
05/25/10	13.1	13.0	12.2	11.7	11.5	12.2	12.4	15.3	17.1	17.8	18.8	19.8	20.6	21.4	22.2	22.9	22.7	22.4	21.7	20.7	20.0	19.5	19.3	17.7	22.9	11.5	17.7
05/26/10	17.7	18.4	17.6	16.8	16.0	15.6	15.5	18.7	20.9	22.0	23.1	24.0	24.7	25.6	26.3	26.1	26.2	26.0	25.1	24.4	23.9	23.2	22.0	20.4	26.3	15.5	21.7
05/27/10	20.2	19.5	18.7	19.6	19.3	17.9	17.4	19.9	22.3	23.3	24.6	25.7	26.7	27.5	28.2	28.2	27.9	27.6	26.9	26.0	25.1	23.8	22.5	22.1	28.2	17.4	23.4
05/28/10	21.2	21.2	19.9	19.9	19.0	19.2	19.5	21.1	22.3	23.0	25.3	25.9	27.2	27.5	28.0	28.1	28.0	28.3	27.0	25.4	24.1	22.7	22.0	21.5	28.3	19.0	23.6
05/29/10	21.2	20.1	19.2	18.9	17.7	16.9	17.2	19.2	20.2	20.9	22.1	22.9	23.9	24.6	24.7	25.1	25.0	24.9	24.2	23.6	23.0	21.5	20.3	20.7	25.1	16.9	21.6
05/30/10	19.4	19.5	19.3	19.0	18.3	18.8	18.5	21.0	23.0	23.4	24.3	25.3	26.1	26.4	26.9	27.0	26.9	27.0	26.4	25.8	24.9	23.1	21.9	21.8	27.0	18.3	23.1
05/31/10	21.8	21.1	21.0	21.0	18.9	19.4	19.8	21.4	23.3	23.7	24.8	25.7	26.6	26.8	27.3	27.6	27.6	27.3	26.6	25.8	24.9	24.2	24.0	27.6	18.9	24.1	

Hourly Averages

17.6 17.1 16.4 15.8 15.1 14.8 15.0 16.7 18.2 19.1 20.1 21.0 21.8 22.4 22.9 23.3 23.3 23.0 22.4 21.6 20.7 19.8 19.1 18.5

Maximum Hourly Temperature: 28.3 **Minimum Hourly Temperature:** 5.9 **Average Monthly Temperature:** 19.4

Maximum 24-Hour Mean: 24.1

Minimum 24-Hour Mean: 12.0

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 2010**

2-METER TEMPERATURE (°C)

Hourly Averages

17.3 16.7 15.9 15.4 14.7 14.3 14.9 17.2 18.9 20.0 21.1 22.1 22.9 23.5 24.0 24.2 24.0 23.5 22.5 21.5 20.6 19.5 18.7 18.1

Maximum Hourly Temperature: 29.4

Minimum Hourly Temperature: 5.7 **Average Monthly Temperature:** 19.6

Maximum 24-Hour Mean: 24.3

Minimum 24-Hour Mean: 12.1

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 2010
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			
05/01/10	0.293	0.173	0.541	0.622	0.259	0.808	0.021	-0.526	-0.373	-0.734	-0.882	-1.031	-1.103	-1.076	-0.926	-0.718	-0.460	-0.291	-0.166	-0.071	-0.036	0.011	-0.007	0.018	0.808	-1.103	-0.236
05/02/10	0.004	0.003	-0.002	0.018	0.077	0.018	-0.185	-0.444	-0.573	-0.754	-0.701	-0.434	-0.490	-0.387	-0.023	-0.190	-0.476	-0.348	-0.128	0.054	0.129	0.272	0.414	0.669	0.669	-0.754	-0.145
05/03/10	0.650	1.359	0.531	0.532	0.209	0.191	-0.130	-0.551	-0.998	-1.276	-1.677	-1.387	-1.199	-1.251	-1.100	-0.991	-0.784	-0.560	-0.160	-0.032	0.048	0.324	0.640	0.697	1.359	-1.677	-0.288
05/04/10	0.681	0.713	0.928	0.698	0.698	0.726	0.158	-0.499	-0.947	-0.829	-0.826	-0.881	-1.024	-1.169	-1.093	-0.997	-0.783	-0.493	-0.062	0.102	0.317	0.838	0.772	0.784	0.928	-1.169	-0.091
05/05/10	0.746	0.746	0.859	0.633	0.621	0.760	0.879	-0.368	-0.851	-0.866	-1.058	-1.114	-0.928	-0.978	-0.876	-0.710	-0.528	-0.305	-0.023	0.105	0.209	0.156	0.144	0.111	0.879	-1.114	-0.110
05/06/10	0.144	0.218	0.203	0.279	0.440	0.421	0.150	-0.237	-0.491	-0.659	-0.816	-1.107	-1.141	-0.913	-0.897	-0.702	-0.631	-0.334	-0.075	0.007	0.066	0.275	0.186	0.311	0.440	-1.141	-0.221
05/07/10	0.249	0.718	0.797	0.413	0.534	0.526	0.310	-0.622	-1.209	-1.062	-1.260	-1.249	-1.212	-1.164	-1.058	-0.817	-0.669	-0.533	-0.112	0.225	0.407	0.571	0.733	0.857	0.857	-1.260	-0.193
05/08/10	0.532	0.703	0.972	0.538	0.594	0.813	0.418	-0.246	-0.595	-0.933	-0.912	-1.087	-1.084	-1.110	-0.912	-0.892	-0.629	-0.379	-0.064	0.127	0.258	0.498	0.519	0.511	0.972	-1.110	-0.098
05/09/10	0.377	0.319	0.432	0.738	0.800	0.501	0.018	-0.478	-0.525	-0.789	-0.927	-0.911	-1.040	-1.022	-0.919	-0.710	-0.580	-0.402	-0.081	0.025	0.008	0.028	0.041	-0.005	0.800	-1.040	-0.213
05/10/10	-0.015	-0.038	-0.036	-0.025	-0.009	0.040	-0.148	-0.339	-0.872	-0.831	-0.993	-1.093	-1.063	-0.977	-1.136	-0.814	-0.778	-0.481	-0.167	0.014	0.077	0.130	0.152	0.102	0.152	-1.136	-0.388
05/11/10	0.101	0.088	0.210	0.172	0.183	0.054	-0.060	-0.346	-0.607	-0.900	-1.114	-0.920	-0.936	-0.984	-0.812	-0.789	-0.604	-0.406	-0.193	-0.083	-0.041	0.004	0.103	0.119	0.210	-1.114	-0.323
05/12/10	0.086	0.209	0.520	0.321	0.731	0.611	-0.176	-0.596	-0.474	-0.666	-1.022	-0.989	-1.060	-1.339	-1.077	-0.863	-0.803	-0.488	-0.186	0.031	0.153	0.344	0.678	0.510	0.731	-1.339	-0.231
05/13/10	0.755	0.460	0.547	0.582	0.667	0.480	-0.059	-0.578	-0.975	-1.364	-1.507	-1.396	-1.297	-1.314	-1.212	-0.955	-0.605	-0.284	-0.144	-0.009	0.089	0.271	0.253	0.362	0.755	-1.507	-0.301
05/14/10	0.363	0.655	0.346	0.402	0.493	0.459	0.263	-0.532	-0.649	-0.878	-0.940	-0.961	-1.234	-1.182	-1.126	-0.958	-0.757	-0.494	-0.159	0.046	0.172	0.452	0.404	0.406	0.655	-1.234	-0.225
05/15/10	0.340	0.286	0.568	0.317	0.101	0.130	-0.054	-0.420	-0.991	-1.646	-1.408	-0.999	-1.125	-1.159	-1.150	-1.107	-0.793	-0.468	-0.122	0.065	0.124	0.328	0.496	0.628	0.628	-1.646	-0.336
05/16/10	0.665	0.665	0.515	0.493	0.512	0.445	0.041	-0.575	-0.872	-1.008	-0.915	-1.264	-1.322	-1.265	-1.271	-1.045	-0.814	-0.531	-0.052	0.190	0.236	0.305	0.573	0.513	0.665	-1.322	-0.241
05/17/10	0.269	0.318	0.738	0.489	0.732	0.701	0.093	-0.563	-0.727	-0.969	-1.182	-1.102	-1.028	-0.813	-0.839	-0.613	-0.572	-0.221	-0.094	0.009	0.066	0.082	0.053	0.079	0.738	-1.182	-0.212
05/18/10	0.076	0.070	0.034	0.102	0.191	0.283	-0.017	-0.351	-0.538	-0.773	-1.020	-0.942	-0.984	-0.930	-0.974	-0.801	-0.669	-0.446	-0.149	-0.031	-0.052	0.042	0.119	0.164	0.283	-1.020	-0.316
05/19/10	0.132	0.362	0.672	0.551	0.547	0.830	0.019	-0.419	-0.550	-0.779	-0.875	-1.121	-1.075	-1.164	-1.094	-0.871	-0.811	-0.539	-0.196	0.005	0.050	0.098	0.098	0.132	0.830	-1.164	-0.250
05/20/10	0.101	0.185	0.150	0.546	0.703	0.989	0.416	-0.589	-0.817	-0.642	-0.823	-1.089	-1.134	-1.085	-1.178	-0.997	-0.820	-0.543	-0.146	0.175	0.465	0.600	0.447	0.473	0.989	-1.178	-0.192
05/21/10	0.717	0.831	0.744	0.668	0.537	0.665	0.304	-0.626	-0.857	-0.901	-1.117	-1.200	-1.173	-1.050	-1.003	-0.871	-0.633	-0.372	-0.091	0.023	0.080	0.146	0.139	0.118	0.831	-1.200	-0.205
05/22/10	0.107	0.127	0.071	0.080	0.163	0.143	-0.065	-0.350	-0.554	-0.769	-0.971	-1.009	-1.030	-1.053	-0.888	-0.735	-0.669	-0.369	-0.178	0.000	0.020	0.130	0.131	0.244	0.244	-1.053	-0.309
05/23/10	0.277	0.291	0.165	0.094	0.140	0.189	-0.051	-0.370	-0.671	-0.821	-0.905	-0.999	-1.034	-1.193	-1.091	-0.868	-0.678	-0.541	-0.272	-0.138	-0.117	-0.114	-0.127	-0.101	0.291	-1.193	-0.364
05/24/10	-0.076	-0.007	-0.016	0.132	0.222	0.202	-0.352	-0.866	-1.159	-1.499	-1.542	-1.294	-1.135	-1.323	-1.275	-1.086	-0.956	-0.622	-0.237	-0.065	-0.028	0.028	0.142	0.306	0.306	-1.542	-0.521
05/25/10	0.377	0.545	0.654	0.569	0.469	0.409	-0.058	-0.746	-1.028	-0.935	-0.988	-1.152	-1.117	-1.143	-1.273	-1.160	-0.804	-0.478	-0.233	-0.001	0.076	0.584	0.939	0.769	0.939	-1.273	-0.239
05/26/10	0.468	0.973	0.867	0.693	0.626	0.901	0.011	-0.604	-0.871	-1.092	-1.256	-1.262	-1.307	-1.242	-1.163	-0.943	-0.716	-0.535	-0.163	0.030	0.273	0.200	0.505	0.737	0.973	-1.307	-0.203
05/27/10	0.661	0.640	0.707	0.744	0.727	0.572	0.278	-0.669	-0.887	-0.714	-1.038	-1.219	-1.241	-1.077	-1.166	-0.974	-0.793	-0.441	-0.158	0.089	0.145	0.531	0.794	0.899	0.899	-1.241	-0.150
05/28/10	0.416	0.529	0.601	0.585	0.621	0.656	0.142	-0.349	-0.469	-0.617	-0.990	-1.057	-1.107	-1.036	-1.032	-0.773	-0.710	-0.447	-0.138	-0.011	0.007	0.035	0.101	0.087	0.656	-1.107	-0.207
05/29/10	0.055	0.120	0.438	0.464	0.503	0.642	-0.116	-0.490	-0.470	-0.684	-1.000	-1.276	-1.348	-1.124	-1.148	-0.962	-0.674	-0.486	-0.171	0.043	0.125	0.405	0.321	0.443	0.642	-1.348	-0.266
05/30/10	0.553	0.542	0.485	0.546	0.735	0.597	0.123	-0.616	-0.599	-0.713	-0.983	-1.171	-1.333	-1.104	-0.997	-0.887	-0.715	-0.508	-0.184	0.041	0.413	0.635	0.352	0.480	0.735	-1.333	-0.179
05/31/10	0.382	0.488	0.612	0.759	0.583	0.480	0.296	-0.613	-0.736	-0.621	-0.957	-1.131	-1.248	-1.068	-1.037	-0.709	-0.469	-0.115	0.062	0.252	0.603	1.038	0.124	1.038	-1.248	-0.170	

Hourly Averages
0.338 0.429 0.479 0.444 0.465 0.492 0.080 -0.503 -0.740 -0.894 -1.052 -1.092 -1.115 -1.087 -1.018 -0.866 -0.698 -0.446 -0.143 0.033 0.129 0.284 0.360 0.372

Maximum Hourly Differential Temperature: 1.359 **Minimum Hourly Differential Temperature:** -1.677

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 2010

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			
06/01/10	23.0	22.3	21.8	20.8	19.3	18.4	18.6	20.8	21.4	22.3	23.4	24.4	25.1	25.7	26.3	26.6	26.6	26.4	25.7	24.8	23.9	23.1	22.4	26.6	18.4	23.3	
06/02/10	21.7	21.0	20.1	19.8	19.7	18.5	18.5	20.3	21.3	22.2	22.9	23.6	24.5	25.3	25.7	25.9	26.1	25.9	25.4	24.8	24.2	23.5	23.6	23.6	26.1	18.5	22.8
06/03/10	23.0	22.6	21.5	20.7	20.2	19.6	19.8	21.4	21.9	22.6	23.9	25.0	26.1	26.9	27.2	27.6	27.4	27.2	26.6	26.3	25.8	25.5	25.0	27.6	19.6	24.2	
06/04/10	23.8	24.1	23.6	22.7	21.1	20.2	20.9	23.2	24.1	24.8	26.0	27.2	28.1	28.5	29.2	29.4	29.4	29.3	29.0	28.4	28.0	27.5	27.7	27.2	29.4	20.2	26.0
06/05/10	26.8	26.5	26.2	26.0	25.0	23.2	23.7	26.2	26.5	27.0	27.9	29.2	30.0	30.8	31.0	31.5	31.6	31.6	31.2	30.4	29.9	29.8	29.5	29.1	31.6	23.2	28.4
06/06/10	28.6	27.8	25.8	25.6	25.1	24.6	25.0	26.4	26.7	27.8	28.9	29.9	30.9	31.8	32.2	32.5	32.6	32.5	32.2	31.5	30.9	30.1	28.8	29.0	32.6	24.6	29.0
06/07/10	28.9	28.2	27.1	25.4	24.3	23.6	24.0	24.7	26.8	28.2	28.9	30.1	31.2	32.0	32.3	32.6	32.7	32.2	31.7	30.8	30.2	29.6	29.3	28.6	32.7	23.6	28.9
06/08/10	27.4	27.0	25.7	25.3	24.3	22.7	22.9	24.6	25.1	26.1	27.1	28.6	29.3	29.8	30.0	30.9	31.1	31.3	30.9	30.2	29.7	29.4	28.8	27.7	31.3	22.7	27.7
06/09/10	26.9	25.9	25.1	24.6	24.0	23.4	23.0	23.7	24.4	25.3	26.9	28.0	29.1	29.9	30.8	31.2	31.2	31.0	31.0	30.5	30.0	29.1	27.8	26.5	31.2	23.0	27.5
06/10/10	25.9	25.5	24.4	23.4	22.4	22.2	22.5	22.6	23.7	24.5	25.9	26.7	27.3	28.4	29.1	29.6	29.8	29.9	29.4	28.4	26.9	25.5	24.7	24.3	29.9	22.2	26.0
06/11/10	23.8	23.3	22.5	21.6	20.9	20.3	20.4	21.4	22.3	23.2	24.3	25.0	25.6	26.0	26.2	26.5	26.4	25.9	24.6	23.9	22.3	20.6	19.9	19.0	26.5	19.0	23.1
06/12/10	18.3	17.7	17.2	16.6	16.5	15.9	16.4	16.8	17.2	17.8	18.8	19.0	19.6	20.2	20.9	21.4	21.7	21.3	20.7	19.9	19.0	18.7	18.4	18.1	21.7	15.9	18.7
06/13/10	17.9	17.6	16.6	15.5	15.7	15.3	16.3	18.2	19.1	19.9	20.7	21.5	22.3	22.8	23.4	23.5	23.6	23.4	23.1	22.5	22.1	21.8	21.6	21.3	23.6	15.3	20.2
06/14/10	21.3	21.2	19.4	19.0	18.8	18.7	19.4	21.4	22.4	23.6	24.3	25.1	25.6	26.4	27.0	27.3	27.3	27.2	27.0	26.3	25.6	25.1	24.8	23.8	27.3	18.7	23.7
06/15/10	23.3	22.5	22.3	21.6	21.3	21.1	21.6	24.3	25.9	26.8	27.7	28.2	28.8	29.4	29.8	30.2	30.0	29.8	29.3	28.7	27.7	26.2	25.7	24.8	30.2	21.1	26.1
06/16/10	24.6	24.8	24.6	23.2	22.4	21.6	21.7	23.8	24.6	25.3	26.3	27.5	28.7	29.0	29.3	29.3	29.5	29.4	29.2	28.6	27.6	26.2	25.7	29.5	21.6	26.2	
06/17/10	25.1	24.5	24.0	23.4	21.3	20.7	21.0	23.4	25.4	26.3	26.9	28.1	29.0	29.8	30.1	30.5	30.4	30.5	30.1	29.3	27.9	26.6	25.1	24.8	30.5	20.7	26.4
06/18/10	25.7	24.7	24.9	24.0	24.5	22.7	22.1	24.3	26.4	27.9	28.5	29.5	30.2	30.7	31.1	31.3	31.3	31.3	31.1	30.3	29.5	28.5	26.9	26.3	31.3	22.1	27.6
06/19/10	25.4	25.2	24.9	22.2	22.0	21.9	23.7	24.4	25.1	26.0	26.9	27.8	28.5	29.1	29.5	29.9	30.1	30.3	30.2	29.7	28.8	28.0	28.0	27.6	30.3	21.9	26.9
06/20/10	27.0	26.4	24.4	23.9	23.7	23.2	22.8	23.3	24.3	25.1	26.6	27.7	28.7	29.3	30.0	30.5	30.7	30.7	30.3	29.6	28.4	27.5	27.4	27.0	30.7	22.8	27.0
06/21/10	25.2	24.9	24.8	23.1	22.2	21.8	21.8	23.9	25.1	26.2	27.1	28.3	29.3	30.0	30.2	30.8	31.3	31.1	30.8	29.8	28.8	27.7	26.8	26.2	31.3	21.8	27.0
06/22/10	25.3	24.1	23.2	22.6	20.9	20.6	21.3	23.5	25.8	26.9	27.8	28.4	29.3	30.4	30.7	31.0	31.0	30.8	30.0	29.1	28.3	26.3	25.6	24.9	31.0	20.6	26.6
06/23/10	24.9	25.0	24.5	23.3	23.2	22.2	23.1	25.8	28.2	29.8	30.9	32.1	32.9	33.5	34.1	34.0	34.4	34.2	33.5	32.1	31.2	30.8	30.2	30.0	34.4	22.2	29.3
06/24/10	29.4	27.4	26.9	26.1	26.0	25.1	26.8	27.7	30.4	31.7	32.2	33.2	34.1	35.0	34.8	35.0	34.9	34.6	34.1	33.5	33.5	30.8	28.8	28.9	35.0	25.1	30.6
06/25/10	27.4	26.0	23.4	22.7	22.7	22.3	23.7	24.4	24.5	24.9	27.2	28.4	30.0	30.9	32.0	32.6	33.0	33.2	32.9	32.2	31.4	30.3	29.6	28.9	33.2	22.3	28.1
06/26/10	28.1	27.6	26.1	24.9	24.4	24.2	24.9	26.7	27.0	27.8	28.8	30.2	30.7	31.1	31.3	31.4	31.3	30.6	29.8	29.0	28.4	26.6	25.5	31.4	24.2	28.2	
06/27/10	24.5	24.0	23.4	22.9	22.8	22.7	23.3	25.2	27.3	28.7	29.4	30.3	30.9	31.6	32.1	31.9	32.1	31.9	31.5	30.9	30.4	30.0	29.6	28.0	32.1	22.7	28.1
06/28/10	27.2	27.1	26.1	25.9	25.7	25.2	24.6	26.9	29.3	29.9	31.6	32.4	33.2	33.6	33.3	30.3	29.3	28.2	29.7	29.6	27.5	26.1	26.2	25.9	33.6	24.6	28.5
06/29/10	25.2	24.5	23.6	22.7	21.9	21.4	22.4	24.2	25.6	27.5	28.9	29.9	30.9	31.7	32.2	32.3	31.1	29.8	28.1	26.9	27.3	27.4	26.5	25.7	32.3	21.4	27.0
06/30/10	25.7	25.3	25.4	24.8	24.5	23.9	24.8	26.2	27.4	28.1	28.9	29.8	30.7	31.8	32.0	31.7	30.0	29.8	27.8	27.2	27.2	26.7	26.4	25.9	32.0	23.9	27.6

Hourly Averages 25.0 24.5 23.6 22.8 22.2 21.6 22.0 23.6 24.8 25.8 26.8 27.8 28.7 29.4 29.8 30.0 29.9 29.8 29.3 28.6 27.7 26.9 26.3 25.7

Maximum Hourly Temperature: 35.0 **Minimum Hourly Temperature:** 15.3 **Average Monthly Temperature:** 26.4

Maximum 24-Hour Mean: 30.6

Minimum 24-Hour Mean: 18.7

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 2010

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				
06/01/10	22.8	22.1	21.4	20.2	18.8	17.8	18.5	21.3	21.9	23.1	24.3	25.4	26.3	26.7	27.3	27.5	27.2	26.9	26.5	25.7	24.6	23.9	23.1	22.4	27.5	17.8	23.6	
06/02/10	21.5	20.8	19.8	19.2	18.9	17.9	18.5	21.1	21.9	23.0	23.9	24.8	25.6	26.5	26.8	26.9	27.0	26.5	25.6	24.8	24.0	23.0	23.4	23.5	27.0	17.9	23.1	
06/03/10	22.8	22.3	21.3	19.9	19.5	19.1	19.8	21.9	22.7	23.2	24.8	26.0	27.1	28.1	28.3	28.6	28.3	27.9	27.4	26.6	26.2	25.6	25.3	24.8	28.6	19.1	24.5	
06/04/10	22.8	23.5	22.7	22.1	20.6	19.7	20.8	23.6	24.7	25.6	26.7	28.3	29.3	29.5	30.4	30.3	30.2	29.7	29.2	28.4	27.8	27.4	27.5	27.0	30.4	19.7	26.2	
06/05/10	26.3	26.1	25.9	25.8	24.5	22.5	23.4	26.5	27.0	27.7	28.9	30.2	30.9	31.8	32.0	32.5	32.4	32.1	31.4	30.4	29.8	29.7	29.4	29.0	32.5	22.5	28.6	
06/06/10	28.5	27.7	25.8	25.4	25.0	24.1	24.6	26.6	27.4	28.6	29.7	30.7	31.9	32.8	33.2	33.5	33.3	33.0	32.3	31.4	30.7	29.4	28.1	28.2	33.5	24.1	29.3	
06/07/10	28.8	27.9	26.9	24.7	23.6	22.9	23.5	24.7	27.3	29.0	29.6	31.1	32.3	33.1	33.3	33.5	32.7	31.8	30.8	30.1	29.5	29.2	28.3	33.5	22.9	29.1		
06/08/10	26.6	26.7	25.2	24.6	23.8	22.2	22.9	25.2	25.6	26.8	27.8	29.7	30.3	30.7	30.8	31.8	31.7	31.8	31.1	30.2	29.7	29.3	28.8	27.4	31.8	22.2	27.9	
06/09/10	26.7	25.9	24.7	24.0	23.6	23.1	23.1	24.1	25.1	26.2	27.7	29.2	30.2	31.2	31.8	32.1	32.0	31.5	31.2	30.5	29.7	28.7	27.7	26.3	32.1	23.1	27.8	
06/10/10	25.6	25.3	24.2	23.2	22.3	22.0	22.6	23.0	24.4	25.4	26.8	27.7	28.3	29.4	30.1	30.4	30.5	30.3	29.5	28.4	27.0	25.5	24.6	24.2	30.5	22.0	26.3	
06/11/10	23.7	23.2	22.4	21.5	20.8	20.2	20.5	21.8	22.9	24.0	25.2	26.1	26.6	26.7	26.9	27.2	27.0	26.3	24.8	24.0	22.4	20.6	19.8	19.0	27.2	19.0	23.5	
06/12/10	18.3	17.7	17.0	16.2	16.0	15.8	16.6	17.2	17.9	18.7	19.9	19.9	20.6	21.3	22.0	22.3	22.4	21.9	20.9	20.0	19.1	18.7	18.4	18.0	22.4	15.8	19.0	
06/13/10	17.8	17.4	16.0	15.2	15.3	15.0	16.6	18.6	19.7	20.7	21.7	22.6	23.4	23.9	24.5	24.5	24.3	23.9	23.3	22.6	22.0	21.7	21.5	21.1	24.5	15.0	20.6	
06/14/10	21.0	20.7	18.7	18.7	18.3	18.1	19.5	22.3	23.7	25.1	25.6	26.4	26.9	27.5	27.5	28.2	28.3	28.0	27.7	27.3	26.3	25.5	25.1	24.5	23.3	28.3	18.1	24.0
06/15/10	22.5	22.1	21.8	21.2	20.5	20.5	21.7	24.9	27.0	27.8	28.7	29.5	30.0	30.6	30.8	31.1	30.8	30.3	29.5	28.6	27.4	25.8	25.1	24.2	31.1	20.5	26.3	
06/16/10	24.2	24.5	24.4	22.7	21.9	20.8	21.8	24.4	25.1	26.2	27.5	28.8	29.8	30.0	30.2	30.1	29.8	29.4	28.5	27.8	26.6	26.1	25.5	30.2	20.8	26.5		
06/17/10	24.9	24.3	23.5	22.6	20.7	19.8	21.0	24.0	26.3	27.4	28.0	29.2	30.3	30.9	31.2	31.4	31.3	31.0	30.3	29.2	27.5	25.9	24.6	24.1	31.4	19.8	26.6	
06/18/10	25.2	23.9	23.7	23.2	23.5	22.0	22.3	25.0	27.3	29.0	29.6	30.7	31.4	31.8	32.0	32.3	32.0	31.7	31.2	30.2	29.2	28.2	26.7	26.0	32.3	22.0	27.8	
06/19/10	25.2	24.9	24.1	21.8	21.1	21.2	23.3	24.6	25.7	26.9	28.0	28.8	29.5	30.1	30.5	30.8	30.8	30.9	30.3	29.6	28.1	27.3	27.2	26.9	30.9	21.1	27.0	
06/20/10	26.6	25.9	23.6	23.3	23.2	22.9	22.9	23.7	25.0	26.1	27.6	28.9	29.8	30.5	31.1	31.4	31.4	31.2	30.4	29.5	28.0	26.6	26.1	26.3	31.4	22.9	27.2	
06/21/10	24.4	23.8	24.1	22.6	21.7	21.2	21.7	24.2	25.7	27.1	28.2	29.5	30.3	31.1	31.2	31.7	31.9	31.5	30.9	29.7	28.7	27.4	26.5	26.0	31.9	21.2	27.1	
06/22/10	25.1	23.7	22.9	22.3	20.2	20.0	21.2	24.1	26.6	28.0	28.7	29.6	30.4	31.7	31.8	32.0	31.8	31.4	30.2	29.1	27.9	25.4	24.7	24.2	32.0	20.0	26.8	
06/23/10	24.3	24.4	23.7	22.3	21.6	21.5	23.2	26.3	29.3	31.3	31.9	32.9	34.0	34.6	35.1	34.9	35.2	34.8	33.7	32.1	31.0	30.3	29.4	29.5	35.2	21.5	29.5	
06/24/10	29.1	26.7	26.2	25.6	25.4	24.2	26.1	28.1	31.3	32.7	33.4	34.5	35.5	36.3	35.8	35.9	35.6	35.0	34.3	33.5	31.0	28.9	28.9	28.3	36.3	24.2	30.9	
06/25/10	27.5	26.1	23.6	22.9	22.8	22.3	24.0	24.8	24.9	25.8	28.6	29.3	31.0	31.8	33.2	33.6	33.7	33.7	33.0	32.2	31.3	30.2	29.4	28.6	33.7	22.3	28.5	
06/26/10	27.9	27.2	25.6	24.4	23.9	23.6	24.7	26.9	27.5	28.6	29.9	31.3	31.7	32.0	32.1	32.3	32.1	31.7	30.8	29.7	28.9	28.2	26.2	24.8	32.3	23.6	28.4	
06/27/10	23.9	23.4	22.8	22.3	22.3	22.2	23.2	25.9	28.3	29.8	30.7	31.5	32.0	32.6	33.3	32.8	32.8	32.4	31.8	30.9	30.3	29.6	29.0	27.4	33.3	22.2	28.4	
06/28/10	26.1	26.5	25.7	25.4	24.7	24.2	24.7	27.6	30.1	30.9	32.7	33.7	34.7	34.6	34.2	30.7	29.8	28.6	29.8	29.6	27.4	26.0	26.1	25.8	34.7	24.2	28.7	
06/29/10	25.1	24.4	23.5	22.6	21.8	21.4	22.7	24.9	26.8	28.5	30.1	31.2	32.3	33.1	33.5	33.1	31.5	29.9	28.3	27.0	27.3	27.2	26.3	25.6	33.5	21.4	27.4	
06/30/10	25.4	25.1	25.1	24.6	24.4	23.9	25.0	26.7	28.1	29.0	30.0	31.1	32.1	33.2	33.0	32.5	30.5	30.6	28.4	27.3	27.1	26.6	26.3	25.8	33.2	23.9	28.0	

Hourly Averages

24.7 24.1 23.2 22.3 21.7 21.1 22.0 24.1 25.6 26.7 27.9 28.9 29.8 30.5 30.8 30.9 30.6 30.2 29.5 28.6 27.6 26.6 26.0 25.4

Maximum Hourly Temperature: 36.3 **Minimum Hourly Temperature:** 15.0 **Average Monthly Temperature:** 26.6

Maximum 24-Hour Mean: 30.9

Minimum 24-Hour Mean: 19.0

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2010

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
06/01/10	0.158	0.229	0.397	0.635	0.501	0.540	0.118	-0.479	-0.533	-0.738	-0.906	-1.041	-1.234	-1.029	-1.002	-0.910	-0.634	-0.379	-0.122	0.024	0.115	0.059	0.018	0.068	0.635	-1.234	-0.256	
06/02/10	0.176	0.237	0.315	0.619	0.753	0.603	-0.039	-0.796	-0.580	-0.840	-1.017	-1.123	-1.174	-1.193	-1.176	-0.948	-0.813	-0.519	-0.170	0.031	0.229	0.446	0.255	0.061	0.753	-1.193	-0.278	
06/03/10	0.162	0.240	0.242	0.803	0.642	0.444	-0.014	-0.502	-0.794	-0.632	-0.934	-1.031	-1.033	-1.246	-1.062	-0.998	-0.665	-0.457	-0.190	0.009	0.118	0.199	0.151	0.211	0.803	-1.246	-0.264	
06/04/10	0.959	0.573	0.832	0.633	0.559	0.484	0.027	-0.444	-0.534	-0.829	-0.774	-1.120	-1.203	-0.991	-1.170	-0.953	-0.753	-0.429	-0.163	0.025	0.118	0.110	0.149	0.227	0.959	-1.203	-0.194	
06/05/10	0.486	0.349	0.317	0.190	0.492	0.737	0.261	-0.322	-0.493	-0.734	-0.935	-0.987	-0.987	-1.043	-0.993	-1.010	-0.766	-0.499	-0.205	0.017	0.079	0.120	0.094	0.137	0.737	-1.043	-0.237	
06/06/10	0.123	0.099	0.038	0.180	0.150	0.472	0.353	-0.261	-0.648	-0.858	-0.762	-0.810	-0.926	-1.007	-1.005	-0.907	-0.710	-0.444	-0.161	0.048	0.116	0.645	0.628	0.824	0.824	-1.007	-0.201	
06/07/10	0.154	0.270	0.182	0.699	0.684	0.712	0.584	0.030	-0.515	-0.811	-0.723	-0.993	-1.098	-1.091	-1.006	-0.814	-0.711	-0.445	-0.120	0.011	0.126	0.157	0.086	0.304	0.712	-1.098	-0.180	
06/08/10	0.801	0.344	0.467	0.652	0.485	0.547	-0.001	-0.592	-0.441	-0.737	-0.745	-1.088	-1.083	-0.930	-0.806	-0.894	-0.584	-0.444	-0.142	0.017	0.039	0.044	0.078	0.341	0.801	-1.088	-0.195	
06/09/10	0.190	0.047	0.433	0.628	0.370	0.296	-0.085	-0.403	-0.734	-0.976	-0.857	-1.228	-1.043	-1.251	-1.040	-0.934	-0.775	-0.474	-0.183	0.068	0.252	0.323	0.123	0.154	0.628	-1.251	-0.296	
06/10/10	0.278	0.279	0.129	0.182	0.173	0.208	-0.072	-0.410	-0.701	-0.853	-0.861	-1.005	-1.026	-0.976	-0.997	-0.889	-0.662	-0.420	-0.131	-0.042	-0.006	-0.001	0.041	0.097	0.279	-1.026	-0.319	
06/11/10	0.049	0.032	0.043	0.081	0.067	0.051	-0.119	-0.406	-0.631	-0.770	-0.952	-1.054	-0.976	-0.757	-0.696	-0.716	-0.586	-0.355	-0.205	-0.115	-0.073	-0.015	0.025	0.050	0.081	-1.054	-0.335	
06/12/10	0.051	0.053	0.172	0.393	0.491	0.085	-0.174	-0.456	-0.720	-0.892	-1.119	-0.889	-1.023	-1.070	-1.134	-0.943	-0.769	-0.537	-0.258	-0.088	-0.096	-0.036	0.039	0.056	0.491	-1.134	-0.369	
06/13/10	0.098	0.200	0.644	0.384	0.351	0.313	-0.293	-0.480	-0.519	-0.803	-0.995	-1.142	-1.182	-1.120	-1.128	-0.918	-0.759	-0.506	-0.256	-0.036	0.037	0.058	0.150	0.179	0.644	-1.182	-0.322	
06/14/10	0.291	0.556	0.710	0.364	0.491	0.558	-0.131	-0.915	-1.342	-1.545	-1.301	-1.229	-1.282	-1.082	-1.197	-1.038	-0.705	-0.530	-0.278	-0.020	0.104	0.083	0.348	0.438	0.710	-1.545	-0.361	
06/15/10	0.759	0.480	0.487	0.421	0.824	0.639	-0.100	-0.571	-1.105	-1.045	-1.019	-1.268	-1.291	-1.207	-1.029	-0.898	-0.803	-0.527	-0.176	0.058	0.302	0.449	0.578	0.634	0.824	-1.291	-0.225	
06/16/10	0.395	0.321	0.277	0.563	0.566	0.810	-0.093	-0.676	-0.532	-0.850	-1.133	-1.306	-1.154	-1.010	-0.971	-0.860	-0.673	-0.389	-0.181	0.035	0.104	0.161	0.154	0.235	0.810	-1.306	-0.259	
06/17/10	0.230	0.213	0.453	0.794	0.623	0.813	0.038	-0.644	-0.901	-1.082	-1.124	-1.104	-1.235	-1.117	-1.088	-0.948	-0.850	-0.510	-0.210	0.046	0.373	0.677	0.594	0.708	0.813	-1.235	-0.219	
06/18/10	0.557	0.801	1.158	0.787	1.016	0.673	-0.217	-0.699	-0.917	-1.146	-1.083	-1.200	-1.163	-1.061	-0.944	-0.923	-0.659	-0.388	-0.113	0.101	0.289	0.271	0.172	0.225	1.158	-1.200	-0.186	
06/19/10	0.204	0.263	0.763	0.340	0.917	0.692	0.428	-0.235	-0.634	-0.835	-1.067	-0.956	-1.022	-1.068	-1.005	-0.880	-0.700	-0.561	-0.171	0.105	0.697	0.701	0.848	0.728	0.917	-1.068	-0.102	
06/20/10	0.424	0.498	0.806	0.595	0.461	0.274	-0.050	-0.368	-0.693	-0.966	-1.088	-1.188	-1.058	-1.183	-1.061	-0.919	-0.625	-0.536	-0.160	0.109	0.454	0.912	1.250	0.723	1.250	-1.188	-0.141	
06/21/10	0.768	1.081	0.636	0.494	0.417	0.540	0.126	-0.313	-0.677	-0.883	-1.079	-1.151	-1.054	-1.091	-0.940	-0.913	-0.646	-0.392	-0.117	0.082	0.129	0.278	0.286	0.207	1.081	-1.151	-0.176	
06/22/10	0.256	0.404	0.334	0.312	0.616	0.563	0.115	-0.618	-0.880	-1.117	-0.932	-1.151	-1.047	-1.281	-1.147	-0.991	-0.789	-0.556	-0.186	0.066	0.406	0.907	0.932	0.753	0.932	-1.281	-0.210	
06/23/10	0.636	0.666	0.750	0.989	0.625	0.664	-0.043	-0.493	-1.165	-1.553	-1.005	-0.892	-1.079	-1.100	-1.037	-0.830	-0.860	-0.605	-0.222	0.006	0.175	0.476	0.737	0.472	0.989	-1.553	-0.195	
06/24/10	0.325	0.664	0.701	0.486	0.615	0.970	0.707	-0.371	-0.930	-1.005	-1.251	-1.358	-1.346	-1.337	-0.994	-0.934	-0.728	-0.448	-0.188	-0.035	-0.109	-0.084	-0.074	-0.076	0.970	-1.358	-0.283	
06/25/10	-0.097	-0.126	-0.193	-0.173	-0.066	0.009	-0.291	-0.344	-0.393	-0.819	-1.345	-0.858	-1.015	-0.962	-1.119	-0.987	-0.642	-0.529	-0.184	0.037	0.140	0.166	0.179	0.208	0.208	-1.345	-0.392	
06/26/10	0.243	0.397	0.566	0.454	0.510	0.569	0.202	-0.265	-0.452	-0.792	-1.085	-1.107	-1.046	-1.007	-1.038	-0.987	-0.699	-0.464	-0.158	0.041	0.126	0.144	0.408	0.661	0.661	-1.107	-0.195	
06/27/10	0.686	0.598	0.616	0.588	0.557	0.518	0.110	-0.713	-1.061	-1.066	-1.252	-1.187	-1.056	-1.046	-1.196	-0.970	-0.774	-0.527	-0.212	0.018	0.125	0.426	0.545	0.656	0.686	-1.252	-0.234	
06/28/10	1.051	0.594	0.411	0.501	0.970	0.968	-0.033	-0.614	-0.792	-0.965	-1.130	-1.315	-1.549	-1.058	-0.885	-0.390	-0.454	-0.370	-0.122	0.015	0.056	0.125	0.115	0.125	1.051	-1.549	-0.198	
06/29/10	0.062	0.084	0.111	0.123	0.066	-0.014	-0.257	-0.745	-1.228	-1.003	-1.184	-1.315	-1.360	-1.408	-1.353	-0.865	-0.336	-0.101	-0.257	-0.069	0.081	0.197	0.152	0.124	0.197	-1.408	-0.437	
06/30/10	0.241	0.210	0.257	0.157	0.194	0.064	-0.194	-0.505	-0.656	-0.891	-1.150	-1.264	-1.356	-1.471	-1.002	-0.747	-0.463	-0.874	-0.597	-0.063	0.044	0.104	0.117	0.145	0.257	-1.471	-0.404	

Hourly Averages

0.357 0.355 0.435 0.462 0.504 0.493 0.029 -0.487 -0.740 -0.935 -1.027 -1.112 -1.137 -1.103 -1.041 -0.897 -0.686 -0.474 -0.195 0.017 0.152 0.270 0.306 0.323

Maximum Hourly Differential Temperature: 1.250

Minimum Hourly Differential Temperature: -1.553

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

APPENDIX KC1-D

HOURLY TEMPERATURE DATA

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

APRIL 2010

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			
04/01/10	10.7	9.5	8.9	8.3	7.0	4.8	3.3	4.5	5.4	6.7	7.5	8.7	9.1	9.1	9.4	9.9	9.5	8.3	7.4	7.0	6.8	6.7	6.7	10.7	3.3	7.7	
04/02/10	6.3	5.8	5.4	4.9	4.5	3.4	3.2	5.6	7.4	7.9	9.1	10.0	10.9	11.5	12.0	11.9	11.9	11.3	10.2	9.4	8.5	7.5	7.6	6.7	12.0	3.2	8.0
04/03/10	6.8	7.0	6.8	6.6	5.7	5.1	6.0	7.4	10.8	12.4	13.9	15.7	16.4	17.3	17.7	17.9	17.8	16.9	15.7	14.7	13.5	14.0	13.6	13.3	17.9	5.1	12.2
04/04/10	13.0	12.6	12.5	11.7	10.1	9.7	9.2	11.4	14.7	15.0	15.9	16.7	17.7	18.6	18.9	19.4	19.6	19.1	17.8	16.4	15.0	14.1	13.8	15.6	19.6	9.2	14.9
04/05/10	15.4	14.6	13.8	13.5	12.9	12.6	12.8	13.4	14.3	15.4	16.3	17.2	18.0	18.4	18.9	19.0	18.6	17.8	16.3	14.8	13.4	12.3	11.2	10.4	19.0	10.4	15.0
04/06/10	9.7	9.0	8.3	7.8	7.4	6.7	6.2	8.5	9.6	10.2	12.2	13.0	13.4	14.6	15.1	15.5	15.5	15.3	14.1	13.2	12.6	11.4	11.1	10.2	15.5	6.2	11.3
04/07/10	10.3	9.1	8.2	7.6	6.9	6.2	5.8	6.4	7.5	9.1	10.7	11.7	13.3	14.9	16.1	16.6	17.1	17.2	15.7	13.4	12.0	11.7	11.6	12.2	17.2	5.8	11.3
04/08/10	11.5	11.3	11.1	10.5	10.3	10.1	10.6	11.6	12.8	14.4	16.8	18.4	19.7	20.7	21.4	21.9	22.4	22.0	20.2	18.3	17.5	16.7	14.7	14.2	22.4	10.1	15.8
04/09/10	13.4	12.7	12.4	12.4	11.7	11.3	11.8	14.0	17.5	18.9	19.6	20.2	20.7	21.2	21.6	21.6	21.3	20.9	19.5	18.3	16.2	15.0	14.8	14.2	21.6	11.3	16.7
04/10/10	13.5	13.1	12.2	12.3	11.8	11.1	11.4	13.7	16.6	18.0	19.1	19.6	20.4	21.4	21.7	21.8	22.0	21.4	20.6	18.9	17.1	16.5	16.3	17.1	22.0	11.1	17.0
04/11/10	16.6	13.9	14.5	13.6	12.4	11.9	13.3	15.6	17.8	19.0	20.0	20.7	21.5	22.6	22.7	23.1	23.2	22.5	21.4	20.2	19.5	18.9	17.5	16.9	23.2	11.9	18.3
04/12/10	16.2	15.2	14.6	13.6	12.8	12.9	13.6	15.2	15.6	16.6	17.8	18.7	19.2	19.8	20.3	21.0	20.7	19.0	16.3	14.6	13.7	12.7	11.0	10.4	21.0	10.4	15.9
04/13/10	10.1	9.8	9.4	9.0	8.6	8.2	8.3	9.1	11.4	11.5	12.2	13.7	14.5	15.3	15.9	16.1	16.0	15.9	14.6	13.5	12.8	11.2	10.7	10.4	16.1	8.2	12.0
04/14/10	10.5	9.6	10.3	9.8	8.8	8.6	9.8	13.1	15.1	16.0	17.3	18.6	19.2	19.4	20.3	19.8	19.7	18.9	17.5	16.7	16.1	14.9	13.9	13.2	20.3	8.6	14.9
04/15/10	12.8	12.2	11.5	10.9	11.9	11.2	11.9	14.7	17.9	19.8	20.9	22.0	23.4	23.9	23.9	24.3	24.4	23.9	22.2	20.9	20.1	18.3	18.0	18.9	24.4	10.9	18.3
04/16/10	18.0	17.3	16.9	15.7	15.1	15.5	15.2	17.8	20.0	21.1	19.6	20.2	20.4	21.0	21.0	21.5	21.5	19.5	19.0	18.2	17.6	16.6	15.1	15.0	21.5	15.0	18.3
04/17/10	14.4	14.2	13.6	12.7	12.8	13.4	14.4	16.2	18.5	20.3	20.7	21.7	23.0	22.4	23.5	24.1	23.5	22.6	21.5	20.6	20.0	19.2	18.4	17.3	24.1	12.7	18.7
04/18/10	17.8	17.0	16.5	16.7	15.9	15.7	16.2	17.3	19.2	21.4	23.0	23.9	24.7	25.0	25.1	24.9	24.9	24.3	23.0	21.9	21.3	20.4	19.9	19.4	25.1	15.7	20.6
04/19/10	17.3	16.3	17.1	17.7	17.2	16.3	15.0	15.7	17.0	17.9	18.4	18.3	18.1	19.2	20.7	20.9	21.0	20.8	19.7	18.9	18.6	17.2	16.5	15.9	21.0	15.0	18.0
04/20/10	15.5	16.1	15.0	13.7	13.6	12.7	13.5	16.2	16.9	18.2	19.4	20.4	21.4	21.4	21.3	22.2	21.8	21.8	20.8	20.3	20.0	19.6	18.9	18.1	22.2	12.7	18.3
04/21/10	17.5	16.9	16.1	15.1	14.1	13.8	13.5	13.3	13.3	14.0	14.3	14.5	13.7	13.4	10.7	8.7	8.6	7.9	6.9	6.7	6.7	6.8	5.6	4.6	17.5	4.6	11.5
04/22/10	3.2	2.9	2.7	2.3	2.3	2.7	3.5	6.2	7.3	7.7	7.0	7.8	8.6	9.5	8.6	8.8	8.1	7.1	6.0	5.7	4.7	3.8	4.0	3.8	9.5	2.3	5.6
04/23/10	3.6	3.4	3.3	3.1	2.8	2.4	3.4	3.9	4.8	6.1	6.9	8.0	8.2	8.8	10.0	10.6	10.1	10.6	10.4	10.2	10.3	10.2	9.6	10.6	2.4	7.1	
04/24/10	8.9	8.0	7.2	6.8	6.2	5.4	6.5	8.9	9.3	10.8	11.9	13.3	14.3	15.2	16.2	16.9	17.1	17.2	16.2	15.3	15.0	14.7	14.5	17.2	5.4	12.1	
04/25/10	12.8	12.0	11.5	10.9	10.8	9.8	10.4	14.0	17.0	18.2	18.5	19.8	21.0	21.6	22.0	21.9	22.0	21.8	20.6	19.7	19.2	19.3	19.2	19.0	22.0	9.8	17.2
04/26/10	18.8	18.4	17.3	14.6	14.2	13.4	14.2	16.2	19.9	21.3	22.0	22.6	23.2	24.0	24.3	24.3	24.2	23.1	22.0	21.1	20.8	20.6	20.4	20.2	24.3	13.4	20.0
04/27/10	20.1	20.1	19.9	19.4	18.9	17.2	16.4	18.5	20.7	21.0	21.9	23.4	24.0	24.8	24.6	24.7	24.5	24.2	23.3	22.3	21.8	21.0	20.3	19.6	24.8	16.4	21.4
04/28/10	19.0	18.5	17.9	17.3	16.5	16.3	16.2	16.9	17.7	19.2	20.2	21.5	21.7	22.3	23.3	23.8	23.6	23.0	21.9	20.8	19.2	18.5	17.5	16.4	23.8	16.2	19.5
04/29/10	15.4	14.3	12.8	11.5	11.1	10.9	10.5	9.4	8.7	9.9	10.2	10.7	11.4	11.0	11.2	11.3	11.1	10.6	10.2	9.7	9.3	9.0	8.4	8.0	15.4	8.0	10.7
04/30/10	7.5	7.1	6.5	6.1	5.1	4.0	5.5	6.6	7.4	8.7	9.6	10.7	11.0	11.6	11.9	12.6	12.9	12.4	11.5	10.8	10.4	10.2	9.7	9.4	12.9	4.0	9.1

Hourly Averages 12.9 12.3 11.8 11.2 10.6 10.1 10.4 12.0 13.7 14.9 15.8 16.7 17.4 18.0 18.3 18.5 18.5 17.9 16.8 15.8 15.0 14.3 13.7 13.4

Maximum Hourly Temperature: 25.1 **Minimum Hourly Temperature:** 2.3 **Average Monthly Temperature:** 14.6

Maximum 24-Hour Mean: 21.4 **Minimum 24-Hour Mean:** 5.6

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 2010

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				
05/01/10	9.4	9.4	8.8	8.5	6.7	6.8	7.5	10.0	10.2	11.5	12.8	13.6	14.4	15.0	15.4	15.5	15.4	15.2	14.9	14.4	13.9	13.4	13.3	12.2	15.5	6.7	12.0	
05/02/10	10.9	10.1	9.6	9.5	8.8	8.9	9.4	10.3	10.5	11.3	12.2	13.0	14.1	14.3	13.2	14.8	15.2	14.8	14.0	13.1	12.4	10.6	9.1	9.0	15.2	8.8	11.6	
05/03/10	8.3	9.7	8.2	7.8	7.5	7.8	9.6	12.2	13.7	15.2	16.7	18.2	19.0	19.8	20.1	20.3	20.3	20.0	18.5	17.4	16.7	16.3	15.0	13.4	20.3	7.5	14.7	
05/04/10	13.2	13.2	12.4	12.2	12.4	11.1	12.0	15.6	19.1	20.3	20.7	22.0	23.1	24.4	24.8	25.4	25.2	24.7	23.2	21.7	20.1	18.8	17.7	17.8	25.4	11.1	18.8	
05/05/10	17.1	17.2	15.5	15.8	15.5	15.2	15.6	19.2	21.4	23.2	23.7	24.9	25.7	26.4	27.4	27.4	27.2	26.8	25.4	24.1	23.2	22.7	21.2	20.6	27.4	15.2	21.8	
05/06/10	19.8	18.7	18.4	17.9	17.6	17.7	18.3	19.0	19.6	20.5	21.6	23.1	23.8	24.3	24.8	25.4	25.5	25.0	23.6	22.5	21.7	21.0	20.8	20.3	25.5	17.6	21.3	
05/07/10	19.9	18.8	17.0	16.1	15.3	15.3	16.3	19.0	21.2	22.7	23.6	24.2	24.8	25.5	26.1	25.8	26.2	26.1	25.0	23.7	21.7	20.7	20.2	19.4	26.2	15.3	21.4	
05/08/10	19.1	19.0	17.4	17.1	17.6	16.6	16.5	19.6	21.6	23.0	23.2	24.2	25.4	26.1	26.6	26.8	26.8	26.6	25.8	24.8	24.0	23.0	22.4	21.7	26.8	16.5	22.3	
05/09/10	21.4	20.4	19.1	17.4	16.6	15.7	17.8	19.6	20.5	21.2	22.1	23.4	24.1	24.7	25.1	25.5	25.4	24.6	23.4	22.5	21.0	20.0	18.4	17.2	25.5	15.7	21.1	
05/10/10	16.0	14.6	13.0	11.1	9.9	9.3	9.9	10.4	13.0	13.4	15.3	16.9	17.8	18.2	19.1	19.3	19.5	19.1	18.3	17.2	16.6	16.2	16.0	15.4	19.5	9.3	15.2	
05/11/10	15.0	14.4	13.8	13.7	13.0	12.5	12.8	13.0	13.8	14.2	14.7	15.1	15.5	15.9	16.1	16.4	16.4	16.0	14.7	13.5	12.6	12.0	11.5	11.0	16.4	11.0	14.1	
05/12/10	11.0	10.4	8.9	8.4	8.0	7.0	9.0	11.7	12.7	13.7	15.0	15.2	15.9	17.2	17.1	17.4	17.7	17.8	16.8	15.9	15.3	14.0	12.7	12.6	17.8	7.0	13.4	
05/13/10	13.0	12.1	12.1	11.8	11.8	10.8	12.8	14.4	16.1	18.5	19.4	20.3	21.1	22.3	22.7	22.7	22.1	21.2	20.3	19.7	19.0	17.7	17.3	16.7	22.7	10.8	17.3	
05/14/10	16.0	15.4	15.4	15.3	14.7	13.9	13.9	16.4	18.8	18.9	20.0	20.6	21.7	22.2	22.8	22.8	22.8	22.9	21.8	20.8	19.5	17.7	17.3	16.6	22.9	13.9	18.7	
05/15/10	16.3	16.8	16.2	15.0	14.5	14.7	15.2	17.5	20.1	22.2	23.1	23.1	23.8	24.4	25.2	25.5	25.3	24.9	24.1	22.6	21.9	21.2	19.1	18.8	25.5	14.5	20.5	
05/16/10	18.7	18.2	18.1	17.2	16.0	15.1	17.0	20.8	22.6	23.4	24.3	25.6	26.4	27.0	27.6	27.5	27.4	26.3	25.0	24.0	23.3	22.5	22.4	21.7	27.6	15.1	22.7	
05/17/10	21.1	19.2	16.9	16.5	16.1	15.8	17.3	20.6	22.4	23.0	23.9	24.9	25.7	25.8	26.6	26.7	26.7	25.7	24.4	22.9	21.7	20.9	19.7	18.6	26.7	15.8	21.8	
05/18/10	18.2	17.2	16.4	15.5	14.7	13.9	15.3	16.0	16.7	17.7	18.8	19.5	20.2	20.7	21.2	21.5	21.4	20.9	19.9	19.1	18.4	18.0	17.8	17.7	21.5	13.9	18.2	
05/19/10	17.5	15.9	15.2	14.8	13.9	14.1	15.2	18.1	18.3	19.0	20.0	21.3	22.5	23.3	23.8	24.0	24.3	23.9	23.1	21.9	21.2	21.1	21.2	20.8	24.3	13.9	19.8	
05/20/10	20.5	20.0	20.0	18.6	16.6	15.7	17.2	20.7	23.0	22.7	23.8	24.9	25.9	26.2	27.0	27.3	27.1	26.8	25.9	24.5	22.8	21.5	21.1	20.6	27.3	15.7	22.5	
05/21/10	20.1	19.2	19.5	18.6	18.4	18.5	19.3	21.8	23.7	24.6	25.2	25.9	26.9	27.3	28.1	28.2	28.1	27.9	27.1	26.0	24.4	23.2	22.6	22.2	28.2	18.4	23.6	
05/22/10	21.5	20.5	20.6	19.4	18.9	18.5	18.3	18.2	18.9	20.5	21.5	22.3	22.9	23.8	24.6	24.8	25.0	24.1	23.1	21.4	20.4	19.5	18.5	17.8	25.0	17.8	21.0	
05/23/10	17.7	17.6	17.0	15.7	15.2	15.3	16.2	16.7	17.3	17.9	17.7	18.5	19.0	19.3	19.0	18.8	18.2	16.6	14.5	12.6	11.3	10.3	9.8	9.2	19.3	9.2	15.9	
05/24/10	8.5	7.8	7.5	6.8	5.7	5.2	7.8	10.1	11.9	13.5	14.7	16.0	16.5	17.8	18.3	19.0	19.0	18.5	17.4	15.9	15.2	14.6	14.1	13.2	19.0	5.2	13.1	
05/25/10	11.9	11.8	10.7	10.6	10.5	11.3	12.3	16.0	17.9	18.5	19.5	20.5	21.3	22.2	23.1	23.7	23.4	22.7	22.0	20.2	19.4	18.3	17.8	16.4	23.7	10.5	17.6	
05/26/10	16.5	16.7	16.0	15.4	14.8	14.2	15.4	19.5	21.5	22.8	23.8	24.9	25.4	26.3	27.2	26.8	26.7	26.5	25.2	23.9	23.1	22.5	21.0	19.1	27.2	14.2	21.5	
05/27/10	18.8	18.1	17.3	18.2	18.2	16.8	17.2	20.8	23.2	23.8	25.2	26.6	27.6	28.4	29.0	29.0	28.6	28.1	27.0	25.4	24.4	22.8	21.1	20.4	29.0	16.8	23.2	
05/28/10	20.0	20.0	18.6	18.6	17.7	17.9	19.6	21.5	22.5	23.3	25.9	26.5	28.0	28.1	28.7	28.6	28.5	28.7	27.0	24.9	23.6	22.2	21.3	20.9	28.7	17.7	23.4	
05/29/10	20.6	19.5	18.1	18.0	16.5	15.8	17.5	20.0	20.3	21.2	22.9	23.8	24.9	25.5	25.5	25.8	25.4	25.4	24.3	23.1	22.4	20.4	19.4	19.5	25.8	15.8	21.5	
05/30/10	18.3	18.2	18.0	17.8	16.9	17.7	18.2	21.6	23.6	23.7	24.9	26.1	27.1	27.1	27.5	27.5	27.5	26.4	25.2	24.1	21.8	21.0	20.8	27.5	16.9	22.9		
05/31/10	20.7	19.9	19.8	19.7	17.8	18.4	19.8	22.7	24.3	23.9	25.4	26.4	27.6	27.5	28.1	28.3	28.2	27.9	27.3	26.0	25.1	23.6	23.4	28.3	17.8	23.9		

Hourly Averages:

16.7 16.1 15.3 14.8 14.1 13.8 14.8 17.2 18.7 19.7 20.7 21.7 22.5 23.1 23.6 23.8 23.8 23.4 22.3 21.0 20.0 19.0 18.2 17.6

Maximum Hourly Temperature:

29.0

Minimum Hourly Temperature:

5.2

Average Monthly Temperature:

19.2

Maximum 24-Hour Mean:

23.9

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

JUNE 2010

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			
06/01/10	22.3	21.5	20.7	19.7	17.9	17.4	18.8	21.5	21.6	22.8	23.9	25.1	25.9	26.3	26.9	27.2	26.9	26.7	26.2	25.1	24.1	23.4	22.6	21.8	27.2	17.4	23.2
06/02/10	21.0	20.3	19.3	18.7	18.4	17.3	18.9	21.6	21.5	22.8	23.6	24.3	25.3	26.2	26.6	26.8	26.8	26.5	25.4	24.2	23.5	22.4	22.9	23.0	26.8	17.3	22.8
06/03/10	22.3	21.8	20.7	19.4	18.9	18.7	20.0	22.3	22.3	22.8	24.4	25.5	26.7	27.8	27.9	28.4	28.2	27.6	27.2	26.1	25.6	25.2	24.9	24.3	28.4	18.7	24.1
06/04/10	22.4	22.9	22.3	21.6	20.1	19.2	21.0	24.3	24.3	25.2	26.4	28.0	28.8	29.1	30.0	30.1	30.0	29.6	29.1	27.9	27.3	26.9	27.0	26.5	30.1	19.2	25.8
06/05/10	25.8	25.6	25.3	25.2	24.0	22.1	24.1	26.6	26.6	27.3	28.4	29.9	30.5	31.5	31.6	32.2	32.1	32.1	31.3	29.9	29.3	29.1	28.9	28.5	32.2	22.1	28.2
06/06/10	28.0	27.2	25.2	24.9	24.5	23.7	24.5	26.4	27.0	28.3	29.2	30.1	31.4	32.3	32.9	33.1	33.2	32.9	32.3	30.9	30.2	28.9	27.7	27.6	33.2	23.7	28.8
06/07/10	28.3	27.4	26.4	24.3	23.0	22.4	23.1	24.8	28.0	29.1	29.2	30.8	31.9	32.8	32.9	33.1	33.3	32.6	31.7	30.3	29.5	29.0	28.7	27.8	33.3	22.4	28.8
06/08/10	25.9	26.1	24.8	24.2	23.3	21.8	23.1	25.8	25.2	26.6	27.5	29.4	30.0	30.4	30.5	31.5	31.8	30.9	29.7	29.1	28.8	28.2	26.9	31.8	21.8	27.6	
06/09/10	26.2	25.4	24.3	23.5	23.1	22.6	22.8	23.9	24.8	25.8	27.4	28.8	29.8	30.7	31.6	32.0	31.8	31.4	31.1	30.0	29.2	28.1	27.2	25.8	32.0	22.6	27.4
06/10/10	25.1	24.8	23.7	22.6	21.8	21.5	22.2	22.9	23.9	24.9	26.4	27.2	27.8	28.9	29.7	30.0	30.1	30.1	29.2	27.9	26.4	25.0	24.1	23.7	30.1	21.5	25.8
06/11/10	23.2	22.7	21.9	21.0	20.3	19.7	20.0	21.3	22.3	23.4	24.5	25.4	25.9	26.2	26.4	26.8	26.5	25.8	24.4	23.4	21.9	20.1	19.3	18.5	26.8	18.5	23.0
06/12/10	17.7	17.2	16.5	15.7	15.4	15.3	16.3	16.7	17.3	18.1	19.3	19.4	20.2	20.9	21.7	21.8	22.1	21.8	20.7	19.4	18.6	18.2	17.9	17.5	22.1	15.3	18.6
06/13/10	17.2	16.9	15.5	14.6	14.8	14.7	16.8	18.9	19.4	20.4	21.3	22.0	23.1	23.5	24.1	24.1	24.0	23.8	23.3	22.1	21.5	21.1	20.9	20.5	24.1	14.6	20.2
06/14/10	20.3	20.0	18.1	18.0	17.8	17.8	19.3	21.9	23.2	24.9	25.0	25.9	26.5	27.2	27.7	28.0	27.8	27.6	27.3	25.8	25.0	24.4	23.6	22.5	28.0	17.8	23.6
06/15/10	21.9	21.4	21.3	20.6	20.1	20.1	21.4	24.7	26.8	27.7	28.3	28.8	29.5	30.2	30.4	30.9	30.7	30.2	29.5	28.1	26.7	25.2	24.4	23.5	30.9	20.1	25.9
06/16/10	23.6	24.0	23.8	22.0	21.2	20.6	22.0	24.8	24.7	25.8	26.9	28.2	29.2	29.5	29.7	29.7	29.5	29.2	28.0	27.3	26.1	25.5	24.9	29.7	20.6	26.1	
06/17/10	24.3	23.7	22.7	21.8	20.2	19.3	21.0	24.3	26.2	27.2	27.6	28.8	29.9	30.6	30.9	31.1	31.2	31.0	30.4	28.7	27.0	25.3	24.0	23.6	31.2	19.3	26.3
06/18/10	24.4	23.2	23.0	22.0	23.0	21.5	22.4	25.4	27.3	28.8	29.2	30.2	31.0	31.3	31.7	32.0	31.6	31.6	31.1	29.7	28.7	27.7	26.2	25.5	32.0	21.5	27.4
06/19/10	24.7	24.4	23.4	21.1	20.5	20.7	23.0	24.1	25.3	26.5	27.5	28.5	29.1	29.9	30.2	30.5	30.8	30.9	30.7	29.0	27.4	26.4	26.7	26.2	30.9	20.5	26.6
06/20/10	26.0	25.4	23.0	22.6	22.7	22.4	22.5	23.4	24.5	25.6	27.1	28.4	29.4	30.2	30.8	31.1	31.3	31.2	30.6	29.0	27.2	25.8	25.4	25.8	31.3	22.4	26.7
06/21/10	23.7	23.4	23.6	21.9	20.9	20.6	21.7	24.2	25.4	26.6	27.7	28.9	29.9	30.6	30.8	31.4	31.6	31.3	30.7	29.2	28.2	27.0	25.9	25.5	31.6	20.6	26.7
06/22/10	24.6	23.2	22.3	21.8	19.6	19.5	21.2	24.6	26.4	27.9	28.4	29.3	30.1	31.5	31.5	31.8	31.9	31.4	30.4	28.6	27.3	24.9	24.1	23.7	31.9	19.5	26.5
06/23/10	23.7	23.7	23.2	21.9	21.1	21.1	22.9	26.1	29.0	31.0	31.5	32.6	33.6	34.3	35.1	34.6	35.1	34.9	33.8	31.6	30.5	29.7	29.0	29.0	35.1	21.1	29.1
06/24/10	28.5	26.1	25.6	24.9	24.9	23.7	25.7	28.1	30.9	32.2	32.9	34.1	35.1	35.9	35.5	35.6	35.4	35.0	34.3	33.0	30.4	28.2	28.3	27.7	35.9	23.7	30.5
06/25/10	26.9	25.5	23.0	22.3	22.2	21.8	23.7	24.4	24.5	25.2	28.3	29.0	30.9	31.4	32.8	33.3	33.5	33.8	33.0	31.7	30.7	29.6	28.9	28.1	33.8	21.8	28.1
06/26/10	27.3	26.4	24.9	23.7	23.0	23.0	24.6	26.7	27.2	28.2	29.3	30.7	31.4	31.5	31.7	32.0	31.9	31.7	30.6	29.2	28.4	27.7	25.6	24.3	32.0	23.0	28.0
06/27/10	23.3	22.9	22.0	21.5	21.5	21.5	23.3	26.5	28.4	29.5	30.1	31.1	31.5	32.2	33.2	32.6	32.6	32.4	31.8	30.4	29.7	29.1	28.5	26.7	33.2	21.5	28.0
06/28/10	25.6	25.9	25.0	24.8	24.1	23.8	24.4	27.6	29.6	30.5	32.3	33.2	34.4	34.4	33.9	30.1	29.2	27.9	29.2	29.1	26.9	25.5	25.6	25.3	34.4	23.8	28.3
06/29/10	24.6	23.9	23.0	22.1	21.3	20.9	22.2	24.4	26.0	27.9	29.4	30.5	31.7	32.6	33.1	32.8	31.2	29.4	27.7	26.4	26.7	26.8	25.8	25.0	33.1	20.9	26.9
06/30/10	25.0	24.6	24.7	24.2	23.9	23.4	24.6	26.1	27.5	28.3	29.3	30.4	31.5	32.8	32.8	32.0	29.8	30.0	27.9	26.7	26.6	26.1	25.8	25.3	32.8	23.4	27.5

Hourly Averages

24.1 23.6 22.6 21.8 21.1 20.6 21.9 24.1 25.2 26.4 27.4 28.5 29.4 30.1 30.5 30.5 30.4 30.1 29.4 28.0 27.0 26.0 25.5 24.8

Maximum Hourly Temperature: 35.9 **Minimum Hourly Temperature:** 14.6 **Average Monthly Temperature:** 26.2

Maximum 24-Hour Mean: 30.5 **Minimum 24-Hour Mean:** 18.6

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 2010

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			
04/01/10	53.4	55.5	56.7	57.0	53.9	86.9	86.8	65.9	58.5	49.8	44.7	38.3	32.8	26.8	27.4	25.1	21.6	23.4	25.2	26.1	27.9	29.2	28.4	30.5	86.9	21.6	43.0
04/02/10	32.4	34.6	39.9	41.5	41.1	52.8	49.0	38.5	38.5	36.1	28.3	27.1	27.2	27.3	25.3	24.2	22.8	24.7	26.7	32.3	37.4	35.4	32.8	38.7	52.8	22.8	33.9
04/03/10	39.6	35.6	37.1	46.2	41.3	38.1	42.4	30.3	27.6	24.7	21.9	19.5	21.1	21.5	22.9	22.0	23.6	24.5	25.6	28.5	26.6	27.6	28.7	29.5	46.2	19.5	29.4
04/04/10	30.6	32.2	34.6	36.9	42.1	49.1	42.8	33.4	28.2	28.6	32.0	28.9	25.7	26.8	22.2	21.6	20.2	21.4	24.3	28.1	30.0	32.6	30.3	28.3	49.1	20.2	30.4
04/05/10	33.9	30.7	32.0	33.6	34.2	34.9	34.0	32.9	33.0	30.8	27.9	25.5	29.0	18.6	17.5	21.2	22.2	23.4	27.7	33.4	41.2	47.4	50.1	52.0	52.0	17.5	32.0
04/06/10	60.5	65.0	69.8	73.3	76.5	80.3	73.9	69.3	63.4	57.5	52.1	49.5	39.4	15.8	19.5	15.8	12.2	13.3	14.6	14.1	13.8	14.3	14.8	15.5	80.3	12.2	41.4
04/07/10	17.8	18.3	17.9	18.7	22.1	25.4	27.0	24.4	23.3	21.1	15.5	15.3	13.7	12.7	12.4	11.3	11.7	11.8	13.2	17.3	18.3	18.1	15.9	16.8	27.0	11.3	17.5
04/08/10	15.8	15.7	16.1	17.0	15.3	14.5	14.1	14.2	14.8	15.2	12.5	12.8	10.9	10.9	11.3	10.9	11.8	11.8	13.6	13.7	13.2	17.9	15.6	17.1	17.9	10.9	14.0
04/09/10	19.1	19.4	18.8	19.3	20.1	22.9	22.5	21.0	15.3	14.1	13.0	10.1	10.3	10.1	10.4	10.9	12.1	13.2	13.5	18.9	20.9	18.6	21.9	22.9	10.1	16.3	
04/10/10	22.1	22.5	24.6	22.9	25.1	28.1	26.0	20.8	17.4	17.4	14.9	13.7	13.0	11.5	11.1	11.6	11.6	13.2	13.9	17.4	19.2	20.9	14.2	16.7	28.1	11.1	17.9
04/11/10	20.7	19.7	18.5	21.9	22.8	21.6	24.8	20.2	20.9	22.3	21.7	21.8	18.4	14.7	13.9	13.3	14.1	14.6	15.7	17.4	18.1	18.1	15.9	21.2	24.8	13.3	18.8
04/12/10	29.9	31.6	31.2	31.1	33.0	36.7	35.0	34.8	32.6	27.9	20.2	21.2	20.2	17.7	14.9	12.7	13.3	24.9	30.3	35.5	40.2	52.5	61.3	61.8	61.8	12.7	31.3
04/13/10	62.8	63.7	63.2	66.2	65.7	64.7	62.1	63.0	57.2	49.9	41.9	36.6	33.3	31.1	28.3	26.0	27.8	29.1	31.5	32.8	40.7	40.2	43.8	42.8	66.2	26.0	46.0
04/14/10	45.8	42.1	42.0	44.7	47.5	50.5	44.5	34.0	32.5	29.1	23.0	23.1	22.2	22.6	23.4	22.0	22.2	22.5	23.3	23.6	26.2	26.6	29.1	32.1	50.5	22.0	31.4
04/15/10	30.0	31.8	31.9	30.3	34.1	38.0	31.8	28.5	26.2	19.2	18.7	17.5	13.1	16.2	15.1	14.6	14.4	14.7	15.7	18.2	18.1	22.6	22.1	23.6	38.0	13.1	22.8
04/16/10	21.2	23.5	27.4	26.1	28.3	32.2	28.4	25.3	23.5	22.0	26.1	24.5	22.0	23.0	20.1	22.3	22.1	22.0	24.1	24.8	24.9	30.0	29.7	30.7	32.2	20.1	25.2
04/17/10	30.9	29.0	33.2	34.0	35.5	35.2	40.2	41.2	41.3	38.6	35.7	34.5	32.7	31.4	27.4	25.6	25.7	26.7	26.8	26.6	26.6	30.9	35.9	27.4	41.3	25.6	32.2
04/18/10	28.7	32.9	29.9	28.7	29.3	41.3	46.9	43.1	38.7	31.4	21.9	21.6	17.1	15.5	16.4	14.5	14.5	15.0	15.4	16.1	17.7	15.8	20.6	20.1	46.9	14.5	24.7
04/19/10	26.1	25.3	22.8	22.2	22.7	25.9	32.5	27.4	21.4	27.8	25.5	25.5	27.3	27.0	27.2	27.6	26.4	26.9	27.5	28.4	29.3	34.0	37.4	38.6	38.6	21.4	27.6
04/20/10	36.0	34.2	44.3	46.8	50.7	56.5	48.0	44.0	41.9	39.7	34.1	30.3	31.3	32.4	32.3	32.4	32.0	32.5	34.3	34.4	33.3	33.3	39.4	40.6	56.5	30.3	38.1
04/21/10	44.3	44.7	42.3	46.7	54.2	57.4	64.9	69.8	65.0	61.7	57.9	58.0	53.1	49.7	43.2	42.0	35.9	51.0	42.9	41.5	50.9	49.7	66.5	73.7	73.7	35.9	52.8
04/22/10	85.9	84.1	86.8	82.8	84.4	78.5	68.9	49.1	49.1	43.3	58.3	45.8	36.1	35.4	36.2	37.5	50.1	55.3	62.1	66.8	87.2	86.2	91.7	93.9	93.9	35.4	64.8
04/23/10	94.2	93.6	94.6	95.0	92.4	92.7	84.9	85.0	82.5	71.1	62.2	58.4	54.9	50.6	46.9	45.2	46.5	41.6	43.4	42.7	42.4	42.2	45.0	47.5	95.0	41.6	64.8
04/24/10	61.0	71.2	74.8	77.3	81.5	82.2	74.3	64.8	60.7	55.6	49.4	45.3	42.4	39.4	34.0	32.4	31.9	30.6	33.5	37.2	39.3	37.3	38.2	41.1	82.2	30.6	51.5
04/25/10	47.2	47.6	47.7	52.2	47.3	52.2	49.3	38.2	29.1	30.2	27.6	24.1	18.6	14.8	13.7	13.8	13.6	14.1	14.9	15.7	17.7	19.0	19.0	16.8	52.2	13.6	28.5
04/26/10	16.3	18.0	25.0	25.4	27.9	25.8	31.7	23.2	18.9	16.8	18.3	15.9	15.0	12.9	14.0	13.8	13.9	14.1	15.2	16.6	15.8	17.0	18.8	18.9	31.7	12.9	18.7
04/27/10	16.4	16.5	17.4	18.8	19.5	23.9	23.6	23.3	20.1	18.6	19.1	14.3	14.0	13.3	12.9	12.4	12.3	12.4	13.5	14.1	15.0	16.3	17.1	17.2	23.9	12.3	16.8
04/28/10	17.3	18.7	20.1	22.6	23.0	23.5	22.9	22.0	20.8	19.3	19.5	17.7	15.7	15.8	14.7	14.3	15.4	16.8	19.0	29.1	21.8	23.5	23.0	27.8	29.1	14.3	20.2
04/29/10	48.4	58.2	43.6	40.1	45.9	61.0	59.6	42.1	49.7	51.7	44.8	36.9	33.3	34.4	31.1	32.9	32.8	27.4	23.5	24.4	25.7	28.1	29.3	31.8	61.0	23.5	39.0
04/30/10	30.7	34.5	38.6	37.9	47.0	50.1	37.5	36.7	33.0	28.3	23.7	21.9	21.2	20.5	17.5	15.9	16.0	18.7	19.1	19.4	19.9	19.0	21.9	22.9	50.1	15.9	27.2

Hourly Averages

37.3 38.4 39.4 40.6 42.1 46.1 44.3 38.9 36.2 33.4 30.4 27.9 25.5 23.3 22.1 21.5 21.6 23.0 24.3 26.3 28.6 30.2 31.8 33.2

Maximum Hourly Humidity: 95.0

Minimum Hourly Humidity: 10.1

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 2010

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			
05/01/10	22.4	22.7	23.6	28.5	27.5	34.0	30.1	22.9	22.7	21.8	21.2	20.9	20.0	19.8	18.6	21.0	19.5	19.5	19.3	21.4	22.8	23.4	24.1	32.2	34.0	18.6	23.3
05/02/10	36.7	37.7	33.7	30.8	32.5	36.5	40.5	40.2	42.6	43.0	40.1	31.7	30.0	30.2	24.9	12.2	13.4	14.3	15.2	20.7	21.6	36.4	39.2	35.7	43.0	12.2	30.8
05/03/10	33.1	34.1	35.7	38.3	38.7	37.0	27.0	24.8	23.7	20.6	15.2	14.1	14.4	13.6	13.5	13.7	13.7	14.7	15.3	15.6	15.6	17.7	20.3	19.9	38.7	13.5	22.1
05/04/10	20.3	20.6	21.9	20.1	23.6	24.9	22.2	20.7	14.1	14.8	13.5	12.2	11.9	10.7	11.0	10.0	10.1	10.6	12.1	12.9	14.4	16.4	15.3	15.6	24.9	10.0	15.8
05/05/10	14.8	14.9	16.8	16.7	19.1	18.1	23.4	19.5	14.6	11.4	11.5	11.7	11.0	10.1	9.1	8.8	9.3	7.9	8.0	8.7	8.8	10.9	12.7	14.2	23.4	7.9	13.0
05/06/10	12.9	13.7	13.9	14.1	13.6	15.1	16.5	15.4	15.3	14.3	12.9	13.0	11.8	11.6	11.2	12.0	12.2	13.4	13.9	15.0	15.5	16.6	15.6	16.0	16.6	11.2	14.0
05/07/10	17.8	20.0	22.8	25.5	25.5	24.1	26.9	20.2	18.1	15.6	14.1	13.7	12.9	13.1	12.5	12.5	12.3	12.8	13.8	15.0	17.6	18.6	18.6	21.5	26.9	12.3	17.7
05/08/10	21.6	24.1	25.9	24.6	23.7	26.8	24.9	24.3	18.3	15.3	17.7	14.9	12.8	13.3	13.4	12.8	12.4	12.6	13.1	13.9	15.0	17.8	17.8	19.4	26.8	12.4	18.2
05/09/10	18.9	18.1	22.9	24.6	27.3	26.5	24.0	22.8	22.9	22.0	18.1	16.3	14.7	13.3	12.8	12.9	11.5	10.7	11.9	10.0	9.6	11.0	14.8	14.8	27.3	9.6	17.2
05/10/10	14.4	14.9	19.5	26.3	31.0	30.7	32.3	31.9	27.7	25.5	22.1	15.3	12.7	11.9	13.1	12.8	12.7	13.8	14.4	17.0	18.5	19.0	20.1	18.7	32.3	11.9	19.8
05/11/10	19.7	19.7	15.7	18.5	23.8	29.1	29.8	25.0	26.0	29.8	25.7	24.4	23.6	22.6	19.6	15.4	15.4	22.9	26.1	20.3	14.1	14.5	15.8	17.6	29.8	14.1	21.5
05/12/10	18.1	19.3	22.9	25.0	26.7	26.1	25.1	18.5	20.7	18.3	17.0	21.3	15.5	18.8	18.5	18.4	17.5	18.4	19.8	20.9	21.8	23.2	25.4	28.4	28.4	15.5	21.1
05/13/10	28.5	28.1	30.2	28.5	32.0	30.8	29.6	27.9	25.1	21.9	19.5	17.2	13.0	11.5	10.5	11.1	12.8	13.2	15.5	17.9	20.0	20.1	19.8	20.0	32.0	10.5	21.0
05/14/10	20.2	22.4	20.8	20.6	23.0	21.6	23.1	21.8	19.9	19.1	16.2	15.2	14.5	13.5	12.2	12.0	11.6	12.4	13.3	13.5	15.8	17.6	18.3	19.7	23.1	11.6	17.4
05/15/10	20.1	17.9	22.2	24.9	29.5	31.3	30.7	25.8	21.6	18.1	15.4	14.5	13.9	12.4	12.0	11.8	11.2	11.4	11.8	12.6	12.7	15.1	14.8	15.9	31.3	11.2	17.8
05/16/10	15.5	18.4	17.9	20.8	22.3	23.9	20.4	17.3	15.7	14.4	15.1	13.0	10.3	11.0	10.8	11.3	10.8	8.4	8.6	9.6	11.6	10.9	10.3	11.8	23.9	8.4	14.2
05/17/10	13.6	17.2	18.0	21.9	21.5	23.1	20.9	15.8	15.6	15.5	14.6	13.0	13.4	13.3	12.4	12.3	11.4	11.2	10.3	10.5	11.7	11.5	15.5	14.5	23.1	10.3	14.9
05/18/10	17.4	18.4	22.6	26.4	29.6	28.4	30.0	29.5	27.8	27.4	25.7	23.9	24.0	21.8	20.8	23.7	25.0	24.7	22.1	22.8	25.4	27.4	26.8	27.0	30.0	17.4	24.9
05/19/10	26.3	31.3	30.6	33.1	33.1	31.3	28.8	24.7	26.9	25.1	23.9	21.7	21.6	18.4	15.7	15.4	15.1	15.8	18.7	19.6	20.2	19.9	20.8	21.0	33.1	15.1	23.3
05/20/10	21.5	22.1	23.7	28.4	29.8	29.9	27.3	21.6	22.2	21.1	18.6	15.5	14.5	13.6	12.9	12.3	12.9	14.5	15.4	18.5	18.6	19.4	20.3	29.9	12.3	19.5	
05/21/10	19.8	20.7	21.5	22.4	21.6	20.7	22.8	17.5	17.2	18.7	15.6	15.3	13.6	12.3	11.5	11.9	11.5	11.9	13.0	13.0	13.7	14.7	15.5	22.8	11.5	16.2	
05/22/10	18.0	20.8	19.9	22.8	22.5	21.4	24.7	26.4	23.7	19.7	18.4	14.4	15.5	15.3	14.3	14.5	15.2	16.3	19.2	19.7	19.3	18.0	18.8	19.9	26.4	14.3	19.1
05/23/10	18.1	20.3	30.3	43.6	38.6	32.3	29.0	31.3	29.7	32.7	29.4	28.7	23.7	25.9	20.2	20.0	21.4	22.3	26.1	26.3	25.8	26.7	27.9	29.6	43.6	18.1	27.5
05/24/10	31.8	33.6	36.8	41.7	44.1	40.4	32.3	27.0	19.4	18.5	15.2	16.8	13.8	11.1	10.7	9.7	10.7	11.9	12.6	13.5	13.7	14.6	15.0	18.0	44.1	9.7	21.4
05/25/10	18.3	19.2	20.0	21.6	21.5	22.6	20.9	13.9	12.7	12.7	12.9	11.9	12.0	10.0	9.8	9.1	9.8	10.0	11.5	12.9	13.8	14.6	12.9	15.6	22.6	9.1	14.6
05/26/10	14.8	14.4	18.1	19.6	21.9	23.1	19.7	13.8	11.5	12.2	11.2	11.6	11.4	10.7	10.6	10.3	10.3	10.6	11.6	11.9	12.4	13.2	15.4	16.6	23.1	10.3	14.0
05/27/10	15.9	18.5	18.5	16.3	21.4	19.8	18.1	16.0	13.3	14.6	12.0	11.3	10.1	9.5	9.5	10.1	10.6	10.9	12.6	13.4	14.6	17.5	18.3	19.7	21.4	9.5	14.7
05/28/10	20.8	22.8	22.8	25.6	25.6	27.2	24.9	23.5	24.6	22.2	20.1	18.1	12.5	10.9	9.5	11.7	12.3	14.1	21.3	24.7	27.0	28.4	26.2	21.6	28.4	9.5	20.8
05/29/10	22.4	24.6	25.7	21.4	26.2	29.3	22.8	19.4	19.2	17.8	16.5	14.4	13.2	12.2	12.0	11.9	12.0	12.4	13.6	14.1	14.7	16.4	17.6	18.4	29.3	11.9	17.8
05/30/10	19.3	20.3	18.3	21.7	18.9	19.9	18.7	14.3	13.2	12.8	11.6	11.6	10.9	10.3	10.5	10.3	10.3	10.9	11.2	13.7	14.1	14.3	14.9	21.7	10.3	14.3	
05/31/10	14.4	14.2	14.5	16.0	15.9	15.3	19.2	13.2	15.4	14.2	13.0	12.9	12.3	12.4	11.4	10.5	10.6	10.4	11.5	12.0	13.5	14.2	13.6	13.8	19.2	10.4	13.5

Hourly Averages
20.2 21.4 22.8 24.8 26.2 26.5 25.4 22.2 20.7 19.7 17.9 16.5 15.0 14.3 13.4 13.0 13.1 13.6 14.9 15.7 16.5 18.0 18.7 19.6

Maximum Hourly Humidity: 44.1 Minimum Hourly Humidity: 7.9

Total Number of Observations: 744

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

JUNE 2010

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			
06/01/10	13.6	13.5	14.1	15.6	18.2	18.7	15.0	12.4	12.7	12.0	11.6	12.8	12.5	12.4	11.8	11.4	12.5	12.5	11.3	10.6	12.1	12.7	10.1	11.1	18.7	10.1	13.0
06/02/10	11.6	14.7	14.1	15.1	15.3	15.6	15.3	15.7	20.2	17.5	17.6	14.2	12.8	11.2	9.5	9.4	9.5	10.5	11.5	11.8	13.2	11.4	12.0	13.3	20.2	9.4	13.5
06/03/10	13.8	13.9	16.2	19.2	20.0	21.2	20.1	16.3	18.6	15.7	17.2	14.6	14.7	13.8	12.2	12.0	13.4	13.5	14.9	16.1	17.4	15.8	16.2	14.9	21.2	12.0	15.9
06/04/10	18.0	14.7	17.2	20.0	22.7	21.6	19.9	17.3	18.6	17.8	15.2	15.2	14.4	13.2	13.6	13.1	12.8	13.2	13.1	13.6	14.1	13.9	12.7	13.4	22.7	12.7	15.8
06/05/10	13.4	13.7	14.3	14.6	15.5	18.3	17.6	13.7	15.9	17.5	15.3	14.1	13.2	13.3	13.4	11.9	11.7	12.4	12.8	14.4	14.2	14.1	14.1	15.9	18.3	11.7	14.4
06/06/10	19.5	20.4	24.0	25.9	25.5	28.4	24.4	23.7	23.5	21.0	19.1	16.0	15.3	15.4	15.1	14.4	13.3	13.5	14.6	13.6	13.4	14.5	14.7	14.0	28.4	13.3	18.5
06/07/10	15.2	17.4	18.9	24.6	22.6	25.5	25.0	21.8	18.0	20.7	15.5	14.0	12.0	10.9	10.7	9.1	9.8	11.0	12.4	14.0	14.1	15.9	16.1	19.2	25.5	9.1	16.4
06/08/10	20.4	22.1	22.9	22.6	25.4	26.4	22.1	17.9	16.0	18.9	16.0	15.7	15.7	15.5	15.0	14.0	13.7	13.1	14.0	15.0	16.3	18.3	19.3	22.6	26.4	13.1	18.3
06/09/10	25.0	27.3	29.0	30.4	33.4	39.3	34.2	32.2	30.8	26.2	24.1	20.9	17.8	14.7	12.9	13.6	13.7	14.4	12.6	12.5	13.4	17.9	22.1	23.1	39.3	12.5	22.6
06/10/10	25.0	22.8	25.9	29.1	30.4	26.8	25.7	26.8	26.2	24.1	21.2	19.3	20.1	16.7	16.0	15.2	15.1	15.6	15.7	20.0	26.7	28.1	24.2	19.8	30.4	15.1	22.3
06/11/10	19.5	25.2	33.8	40.4	42.5	41.8	38.6	33.1	29.1	23.3	23.1	22.1	19.5	19.1	16.2	19.7	23.5	26.7	30.4	26.3	16.2	15.7	10.2	10.4	42.5	10.2	25.3
06/12/10	13.2	17.9	21.7	25.5	25.2	26.4	32.3	32.8	32.1	28.2	29.3	32.8	30.0	28.7	23.3	18.9	17.9	20.9	25.8	31.1	33.7	34.0	33.4	32.6	34.0	13.2	27.0
06/13/10	31.5	33.3	38.0	36.9	36.7	34.6	29.2	29.0	26.9	26.6	26.4	23.3	23.0	21.1	20.1	20.5	20.9	22.1	23.6	26.9	28.5	29.7	29.9	30.1	38.0	20.1	27.9
06/14/10	30.6	32.7	33.8	33.6	32.7	33.7	29.9	27.9	23.7	21.7	19.0	18.4	18.6	18.7	17.8	17.8	15.7	15.6	16.9	17.7	18.4	19.0	20.7	21.4	33.8	15.6	23.2
06/15/10	22.4	21.7	23.7	23.4	24.0	25.6	22.0	17.5	14.5	15.6	12.3	12.4	12.1	11.2	11.2	10.7	10.6	11.5	12.4	13.1	14.7	15.0	15.9	18.7	25.6	10.6	16.3
06/16/10	17.9	20.2	20.9	23.7	24.1	25.8	21.6	19.4	17.8	16.0	15.4	14.2	11.7	12.6	9.9	11.3	12.8	13.1	14.1	13.8	15.1	17.2	17.9	18.8	25.8	9.9	16.9
06/17/10	19.2	20.3	21.4	21.3	24.1	26.0	21.3	17.4	15.1	15.1	15.3	13.6	12.4	11.2	11.2	10.2	9.5	9.6	10.7	11.2	13.1	13.2	13.7	13.4	26.0	9.5	15.4
06/18/10	12.5	13.2	14.9	14.2	14.2	15.2	15.8	12.7	12.2	11.6	10.4	10.2	8.2	8.2	8.4	8.6	8.5	8.0	6.1	7.0	7.7	9.6	10.2	10.3	15.8	6.1	10.7
06/19/10	10.1	9.9	10.1	11.5	12.3	11.2	10.3	8.3	8.5	9.5	8.9	7.6	7.1	6.7	8.0	8.4	8.5	8.5	9.1	9.7	10.9	10.2	11.4	10.8	12.3	6.7	9.5
06/20/10	11.4	12.0	14.1	14.2	21.1	22.3	24.3	19.4	15.1	12.8	11.8	10.2	8.5	9.2	8.4	9.2	9.1	9.0	9.5	10.4	11.8	12.6	12.0	14.2	24.3	8.4	13.0
06/21/10	14.5	17.3	18.4	19.4	22.1	21.5	20.8	12.7	10.7	9.5	8.2	7.7	8.0	8.6	9.5	9.2	8.0	8.0	6.9	5.9	7.5	9.8	10.5	9.8	22.1	5.9	11.9
06/22/10	11.0	11.9	12.3	13.5	13.6	13.4	12.2	8.7	5.0	6.8	4.9	5.8	4.0	4.1	4.7	4.5	5.8	7.7	8.7	8.7	10.5	10.7	11.3	10.7	13.6	4.0	8.8
06/23/10	10.5	10.5	11.9	12.9	13.0	13.2	12.1	9.7	8.1	7.8	8.1	7.6	7.4	7.4	7.5	7.5	7.6	8.1	8.2	8.7	8.8	8.3	8.7	8.5	13.2	7.4	9.3
06/24/10	10.3	10.8	11.7	11.8	11.4	12.4	13.1	10.8	11.9	13.2	13.3	11.5	10.6	9.0	10.5	9.8	8.3	8.2	7.8	8.0	29.2	28.5	29.7	30.4	30.4	7.8	13.8
06/25/10	33.8	49.9	55.8	54.7	53.5	50.1	41.2	43.2	43.8	34.8	30.2	24.4	20.8	19.9	17.8	12.9	10.6	11.0	11.3	11.3	12.6	11.8	12.2	13.0	55.8	10.6	28.3
06/26/10	12.8	13.5	14.8	16.0	15.8	17.2	12.9	10.5	11.3	12.0	11.9	11.2	11.2	9.5	10.0	9.7	8.6	8.7	9.6	11.0	12.2	13.4	14.5	15.4	17.2	8.6	12.2
06/27/10	16.3	18.7	19.9	18.9	19.1	18.3	16.9	14.7	12.0	11.0	9.7	9.6	9.3	9.4	9.9	9.4	9.2	9.4	10.0	10.4	10.7	10.8	11.4	12.5	19.9	9.2	12.8
06/28/10	12.8	12.7	12.8	13.5	13.1	15.4	13.4	11.9	18.5	14.7	12.7	12.2	11.9	10.0	10.8	17.8	19.4	17.7	14.8	19.1	22.7	23.8	24.4	26.2	26.2	10.0	15.9
06/29/10	26.8	28.3	30.5	38.2	44.7	45.3	39.2	33.8	31.4	24.9	23.8	21.1	20.4	19.1	16.5	15.8	25.1	22.7	30.7	30.9	26.9	27.0	29.8	30.9	45.3	15.8	28.5
06/30/10	30.6	30.9	31.2	32.9	37.0	44.1	40.1	33.9	31.9	31.3	28.8	26.7	23.6	23.0	19.0	24.2	24.8	31.1	30.1	30.9	31.4	31.0	33.6	36.4	44.1	19.0	30.8

Hourly Averages

18.1 19.7 21.6 23.1 24.3 25.2 22.9 20.2 19.3 17.9 16.5 15.3 14.2 13.5 12.7 12.7 13.0 13.6 14.3 15.1 16.6 17.1 17.4 18.0

Maximum Hourly Humidity: 55.8

Minimum Hourly Humidity: 4.0

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 2010

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				
04/01/10	25.56	25.56	25.55	25.53	25.54	25.55	25.58	25.60	25.63	25.64	25.65	25.66	25.66	25.65	25.64	25.63	25.62	25.62	25.63	25.64	25.66	25.68	25.68	25.69	25.69	25.53	25.62	
04/02/10	25.70	25.71	25.71	25.71	25.72	25.73	25.74	25.76	25.79	25.80	25.81	25.81	25.80	25.79	25.77	25.76	25.75	25.77	25.77	25.76	25.76	25.76	25.74	25.81	25.70	25.76		
04/03/10	25.75	25.74	25.73	25.72	25.71	25.70	25.73	25.74	25.74	25.74	25.74	25.72	25.71	25.68	25.66	25.65	25.64	25.64	25.63	25.64	25.66	25.67	25.68	25.75	25.63	25.70		
04/04/10	25.68	25.68	25.69	25.68	25.67	25.70	25.70	25.72	25.73	25.74	25.75	25.75	25.74	25.73	25.72	25.71	25.70	25.70	25.69	25.70	25.72	25.73	25.72	25.75	25.67	25.71		
04/05/10	25.72	25.73	25.72	25.71	25.72	25.72	25.73	25.74	25.74	25.75	25.74	25.74	25.73	25.73	25.71	25.69	25.68	25.67	25.67	25.69	25.69	25.72	25.72	25.73	25.75	25.67	25.72	
04/06/10	25.73	25.73	25.73	25.72	25.72	25.74	25.76	25.77	25.79	25.80	25.81	25.82	25.81	25.80	25.78	25.77	25.76	25.76	25.75	25.76	25.76	25.79	25.80	25.80	25.82	25.72	25.77	
04/07/10	25.80	25.81	25.80	25.81	25.81	25.81	25.82	25.84	25.86	25.87	25.87	25.85	25.84	25.83	25.81	25.80	25.79	25.79	25.79	25.79	25.81	25.82	25.82	25.81	25.87	25.79	25.82	
04/08/10	25.80	25.80	25.78	25.78	25.76	25.77	25.76	25.77	25.78	25.78	25.77	25.77	25.76	25.74	25.72	25.69	25.67	25.66	25.66	25.66	25.68	25.70	25.70	25.80	25.66	25.74		
04/09/10	25.70	25.69	25.68	25.68	25.67	25.67	25.68	25.70	25.71	25.71	25.72	25.73	25.71	25.70	25.69	25.68	25.66	25.67	25.67	25.67	25.68	25.69	25.71	25.72	25.73	25.73	25.67	25.69
04/10/10	25.74	25.74	25.74	25.74	25.74	25.75	25.76	25.78	25.80	25.81	25.82	25.83	25.81	25.80	25.79	25.77	25.77	25.76	25.77	25.77	25.79	25.81	25.81	25.82	25.83	25.74	25.78	
04/11/10	25.83	25.84	25.84	25.84	25.84	25.84	25.84	25.86	25.87	25.87	25.88	25.86	25.84	25.82	25.80	25.78	25.76	25.76	25.75	25.77	25.77	25.78	25.88	25.75	25.82	25.82		
04/12/10	25.78	25.77	25.75	25.73	25.72	25.72	25.72	25.73	25.73	25.73	25.71	25.69	25.68	25.66	25.63	25.59	25.59	25.59	25.60	25.61	25.63	25.65	25.65	25.78	25.59	25.68		
04/13/10	25.66	25.66	25.66	25.65	25.65	25.65	25.66	25.68	25.68	25.69	25.70	25.70	25.69	25.67	25.66	25.65	25.65	25.65	25.66	25.68	25.70	25.70	25.71	25.71	25.65	25.67		
04/14/10	25.71	25.71	25.70	25.69	25.70	25.70	25.70	25.72	25.74	25.75	25.75	25.77	25.77	25.77	25.75	25.73	25.73	25.72	25.72	25.73	25.73	25.74	25.76	25.76	25.77	25.69	25.73	
04/15/10	25.77	25.78	25.78	25.78	25.78	25.79	25.79	25.81	25.82	25.83	25.84	25.85	25.83	25.82	25.82	25.79	25.76	25.76	25.77	25.77	25.78	25.81	25.81	25.80	25.85	25.76	25.80	
04/16/10	25.81	25.81	25.80	25.79	25.79	25.78	25.79	25.80	25.79	25.79	25.81	25.79	25.78	25.78	25.75	25.74	25.73	25.72	25.72	25.73	25.74	25.74	25.74	25.81	25.72	25.77		
04/17/10	25.75	25.74	25.74	25.73	25.72	25.72	25.73	25.74	25.75	25.76	25.77	25.77	25.76	25.74	25.73	25.71	25.69	25.70	25.70	25.71	25.72	25.73	25.73	25.77	25.69	25.73		
04/18/10	25.73	25.73	25.73	25.74	25.74	25.74	25.75	25.76	25.77	25.77	25.78	25.78	25.76	25.75	25.73	25.71	25.70	25.70	25.69	25.69	25.69	25.71	25.71	25.72	25.78	25.69	25.73	
04/19/10	25.72	25.72	25.71	25.71	25.71	25.71	25.73	25.73	25.75	25.76	25.78	25.78	25.76	25.75	25.74	25.72	25.73	25.73	25.74	25.74	25.76	25.76	25.76	25.79	25.71	25.74		
04/20/10	25.76	25.76	25.75	25.75	25.76	25.76	25.77	25.77	25.78	25.78	25.77	25.77	25.75	25.75	25.73	25.71	25.69	25.67	25.66	25.64	25.63	25.63	25.64	25.78	25.63	25.72		
04/21/10	25.63	25.62	25.61	25.60	25.58	25.57	25.56	25.56	25.56	25.55	25.54	25.53	25.51	25.48	25.48	25.46	25.46	25.46	25.46	25.46	25.52	25.52	25.54	25.55	25.63	25.46	25.54	
04/22/10	25.54	25.55	25.55	25.54	25.53	25.52	25.51	25.52	25.51	25.51	25.52	25.52	25.52	25.50	25.50	25.51	25.50	25.50	25.52	25.54	25.54	25.58	25.59	25.59	25.59	25.50	25.53	
04/23/10	25.57	25.57	25.55	25.55	25.56	25.57	25.57	25.59	25.60	25.62	25.64	25.64	25.65	25.64	25.65	25.65	25.65	25.65	25.67	25.68	25.70	25.70	25.73	25.74	25.74	25.55	25.63	
04/24/10	25.75	25.76	25.76	25.75	25.77	25.78	25.79	25.81	25.82	25.82	25.82	25.82	25.80	25.80	25.79	25.77	25.76	25.76	25.76	25.77	25.78	25.80	25.81	25.81	25.82	25.75	25.79	
04/25/10	25.81	25.81	25.80	25.80	25.80	25.80	25.81	25.82	25.83	25.84	25.84	25.84	25.83	25.81	25.79	25.76	25.75	25.74	25.74	25.75	25.75	25.77	25.77	25.76	25.84	25.74	25.79	
04/26/10	25.77	25.76	25.74	25.74	25.74	25.74	25.74	25.76	25.76	25.76	25.75	25.75	25.74	25.72	25.70	25.68	25.66	25.64	25.64	25.65	25.67	25.69	25.69	25.77	25.64	25.72		
04/27/10	25.69	25.69	25.69	25.68	25.68	25.69	25.70	25.72	25.73	25.75	25.76	25.76	25.74	25.72	25.70	25.68	25.68	25.68	25.68	25.70	25.72	25.73	25.72	25.76	25.68	25.71		
04/28/10	25.72	25.71	25.71	25.71	25.70	25.69	25.69	25.70	25.71	25.71	25.71	25.70	25.68	25.65	25.63	25.60	25.57	25.56	25.55	25.53	25.55	25.57	25.57	25.72	25.53	25.65		
04/29/10	25.57	25.56	25.55	25.53	25.52	25.50	25.50	25.51	25.53	25.53	25.52	25.52	25.49	25.49	25.48	25.46	25.46	25.46	25.46	25.46	25.51	25.52	25.52	25.57	25.46	25.51		
04/30/10	25.53	25.53	25.51	25.51	25.51	25.51	25.52	25.54	25.55	25.56	25.56	25.56	25.56	25.54	25.54	25.53	25.52	25.52	25.53	25.54	25.57	25.58	25.58	25.58	25.51	25.54		

Hourly Averages

25.71 25.71 25.70 25.70 25.70 25.70 25.72 25.73 25.73 25.74 25.74 25.74 25.73 25.73 25.71 25.70 25.68 25.67 25.67 25.67 25.67 25.67 25.71 25.71

Maximum Hourly Pressure: 25.88

Minimum Hourly Pressure: 25.46

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 2010
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				
05/01/10	25.58	25.58	25.56	25.55	25.55	25.56	25.57	25.58	25.60	25.61	25.62	25.62	25.61	25.60	25.57	25.56	25.55	25.54	25.54	25.54	25.54	25.56	25.56	25.57	25.62	25.54	25.57	
05/02/10	25.59	25.59	25.59	25.58	25.59	25.58	25.59	25.59	25.60	25.59	25.60	25.58	25.56	25.55	25.55	25.56	25.58	25.62	25.65	25.68	25.73	25.76	25.79	25.81	25.81	25.55	25.62	
05/03/10	25.83	25.84	25.85	25.86	25.86	25.87	25.89	25.91	25.94	25.96	25.97	25.97	25.97	25.96	25.95	25.93	25.92	25.92	25.91	25.91	25.92	25.93	25.93	25.92	25.97	25.83	25.91	
05/04/10	25.90	25.89	25.88	25.88	25.86	25.86	25.86	25.87	25.86	25.86	25.86	25.85	25.84	25.82	25.80	25.78	25.76	25.75	25.74	25.74	25.75	25.76	25.77	25.76	25.90	25.74	25.82	
05/05/10	25.77	25.76	25.75	25.75	25.74	25.74	25.75	25.76	25.76	25.76	25.77	25.76	25.75	25.74	25.72	25.70	25.68	25.67	25.67	25.67	25.68	25.71	25.71	25.71	25.77	25.67	25.73	
05/06/10	25.71	25.71	25.70	25.70	25.69	25.69	25.70	25.71	25.71	25.72	25.72	25.73	25.72	25.70	25.70	25.67	25.66	25.66	25.67	25.67	25.69	25.71	25.72	25.72	25.73	25.73	25.66	25.70
05/07/10	25.73	25.73	25.72	25.73	25.74	25.74	25.76	25.77	25.78	25.79	25.80	25.80	25.79	25.78	25.77	25.76	25.75	25.75	25.74	25.74	25.74	25.75	25.76	25.77	25.76	25.80	25.72	25.76
05/08/10	25.76	25.75	25.75	25.74	25.73	25.74	25.74	25.76	25.77	25.76	25.77	25.77	25.75	25.74	25.72	25.71	25.69	25.68	25.68	25.69	25.70	25.71	25.72	25.77	25.77	25.68	25.73	
05/09/10	25.72	25.72	25.71	25.72	25.72	25.72	25.73	25.74	25.75	25.75	25.76	25.76	25.74	25.72	25.72	25.71	25.68	25.66	25.64	25.64	25.65	25.67	25.67	25.68	25.76	25.64	25.70	
05/10/10	25.68	25.69	25.68	25.70	25.72	25.74	25.75	25.78	25.80	25.80	25.81	25.80	25.80	25.79	25.77	25.75	25.73	25.72	25.71	25.70	25.72	25.72	25.71	25.81	25.68	25.74		
05/11/10	25.71	25.70	25.69	25.68	25.67	25.66	25.66	25.66	25.67	25.67	25.67	25.67	25.65	25.65	25.64	25.64	25.62	25.61	25.61	25.62	25.63	25.64	25.64	25.71	25.61	25.65		
05/12/10	25.64	25.63	25.63	25.63	25.64	25.64	25.66	25.67	25.69	25.70	25.71	25.71	25.71	25.71	25.70	25.69	25.69	25.69	25.71	25.73	25.74	25.73	25.74	25.74	25.63	25.68		
05/13/10	25.73	25.72	25.71	25.70	25.70	25.70	25.71	25.73	25.74	25.74	25.74	25.74	25.72	25.72	25.70	25.69	25.68	25.66	25.67	25.67	25.68	25.69	25.70	25.70	25.74	25.66	25.70	
05/14/10	25.69	25.69	25.67	25.68	25.68	25.69	25.70	25.72	25.73	25.74	25.76	25.77	25.77	25.75	25.74	25.73	25.72	25.72	25.72	25.74	25.75	25.76	25.77	25.77	25.67	25.73		
05/15/10	25.77	25.76	25.75	25.75	25.75	25.75	25.77	25.78	25.79	25.79	25.79	25.79	25.78	25.77	25.76	25.75	25.73	25.73	25.73	25.74	25.75	25.77	25.77	25.79	25.73	25.76		
05/16/10	25.77	25.77	25.76	25.76	25.76	25.76	25.77	25.78	25.79	25.78	25.77	25.77	25.76	25.74	25.74	25.73	25.72	25.71	25.70	25.69	25.72	25.74	25.76	25.79	25.69	25.75		
05/17/10	25.77	25.78	25.77	25.77	25.77	25.77	25.78	25.79	25.79	25.79	25.77	25.76	25.76	25.74	25.72	25.70	25.68	25.67	25.68	25.69	25.71	25.73	25.74	25.74	25.79	25.67	25.75	
05/18/10	25.73	25.72	25.71	25.72	25.72	25.72	25.73	25.73	25.74	25.74	25.74	25.74	25.72	25.72	25.71	25.70	25.70	25.69	25.69	25.70	25.72	25.73	25.73	25.76	25.69	25.72		
05/19/10	25.73	25.73	25.72	25.73	25.73	25.73	25.74	25.75	25.75	25.76	25.77	25.77	25.75	25.74	25.72	25.71	25.70	25.69	25.69	25.70	25.71	25.73	25.74	25.77	25.77	25.69	25.73	
05/20/10	25.73	25.73	25.72	25.72	25.71	25.71	25.72	25.72	25.73	25.73	25.73	25.73	25.72	25.71	25.69	25.68	25.66	25.66	25.67	25.67	25.68	25.68	25.73	25.65	25.70			
05/21/10	25.68	25.67	25.66	25.65	25.65	25.65	25.67	25.68	25.69	25.69	25.68	25.68	25.67	25.66	25.65	25.62	25.60	25.60	25.59	25.60	25.62	25.63	25.63	25.69	25.59	25.65		
05/22/10	25.63	25.62	25.61	25.61	25.61	25.61	25.62	25.63	25.64	25.65	25.63	25.62	25.62	25.60	25.59	25.57	25.55	25.56	25.55	25.55	25.56	25.57	25.57	25.65	25.55	25.60		
05/23/10	25.57	25.58	25.57	25.57	25.57	25.55	25.56	25.57	25.57	25.58	25.58	25.58	25.57	25.56	25.55	25.54	25.54	25.53	25.54	25.54	25.56	25.58	25.60	25.63	25.65	25.65		
05/24/10	25.66	25.68	25.69	25.70	25.70	25.71	25.71	25.74	25.76	25.77	25.77	25.76	25.74	25.73	25.71	25.69	25.70	25.69	25.70	25.71	25.72	25.73	25.73	25.77	25.66	25.72		
05/25/10	25.73	25.72	25.72	25.72	25.72	25.72	25.73	25.73	25.74	25.75	25.75	25.76	25.75	25.73	25.71	25.70	25.69	25.69	25.70	25.72	25.73	25.72	25.76	25.69	25.72			
05/26/10	25.72	25.71	25.71	25.71	25.71	25.71	25.72	25.73	25.73	25.74	25.74	25.74	25.73	25.72	25.70	25.69	25.68	25.68	25.68	25.69	25.70	25.72	25.73	25.74	25.68	25.71		
05/27/10	25.72	25.72	25.72	25.72	25.73	25.74	25.75	25.76	25.77	25.78	25.78	25.77	25.76	25.75	25.73	25.72	25.70	25.69	25.69	25.69	25.70	25.71	25.73	25.73	25.78	25.69	25.73	
05/28/10	25.73	25.73	25.73	25.72	25.72	25.72	25.73	25.74	25.75	25.75	25.75	25.74	25.73	25.72	25.70	25.69	25.68	25.68	25.68	25.69	25.70	25.71	25.71	25.76	25.64	25.71		
05/29/10	25.71	25.70	25.70	25.69	25.69	25.70	25.71	25.73	25.74	25.74	25.75	25.75	25.75	25.74	25.73	25.72	25.70	25.69	25.69	25.70	25.71	25.71	25.71	25.75	25.68	25.71		
05/30/10	25.71	25.71	25.70	25.70	25.70	25.71	25.72	25.74	25.75	25.75	25.76	25.76	25.75	25.73	25.73	25.72	25.72	25.71	25.71	25.72	25.73	25.74	25.76	25.76	25.76	25.70	25.73	
05/31/10	25.76	25.75	25.75	25.75	25.76	25.76	25.77	25.79	25.80	25.81	25.80	25.81	25.80	25.79	25.77	25.77	25.76	25.76	25.75	25.75	25.76	25.78	25.78	25.81	25.74	25.77		

Maximum Hourly Pressure: 25.97

Minimum Hourly Pressure: 25.53

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 2010
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			
06/01/10	25.78	25.78	25.78	25.78	25.78	25.79	25.80	25.80	25.82	25.82	25.82	25.82	25.80	25.78	25.76	25.74	25.73	25.71	25.70	25.71	25.71	25.73	25.75	25.75	25.82	25.70	25.77	
06/02/10	25.75	25.75	25.76	25.76	25.76	25.77	25.78	25.79	25.79	25.80	25.79	25.79	25.78	25.77	25.76	25.75	25.73	25.72	25.73	25.74	25.74	25.75	25.75	25.80	25.72	25.76		
06/03/10	25.74	25.74	25.74	25.74	25.74	25.73	25.75	25.76	25.77	25.78	25.78	25.77	25.75	25.74	25.72	25.71	25.70	25.69	25.69	25.69	25.71	25.73	25.73	25.78	25.69	25.74		
06/04/10	25.73	25.74	25.73	25.74	25.74	25.75	25.76	25.76	25.77	25.78	25.78	25.77	25.77	25.76	25.74	25.73	25.72	25.72	25.71	25.72	25.73	25.74	25.75	25.76	25.78	25.71	25.75	
06/05/10	25.76	25.76	25.76	25.76	25.76	25.76	25.78	25.79	25.80	25.81	25.81	25.81	25.81	25.80	25.79	25.78	25.77	25.75	25.75	25.76	25.76	25.79	25.80	25.80	25.81	25.75	25.78	
06/06/10	25.80	25.80	25.80	25.80	25.81	25.83	25.83	25.84	25.84	25.84	25.84	25.82	25.82	25.81	25.80	25.77	25.76	25.76	25.75	25.74	25.76	25.78	25.78	25.79	25.84	25.74	25.80	
06/07/10	25.77	25.76	25.77	25.77	25.77	25.79	25.80	25.81	25.82	25.82	25.81	25.80	25.78	25.76	25.74	25.72	25.72	25.70	25.69	25.70	25.71	25.72	25.74	25.74	25.82	25.69	25.76	
06/08/10	25.74	25.74	25.75	25.75	25.76	25.76	25.77	25.80	25.80	25.81	25.80	25.80	25.78	25.78	25.77	25.76	25.74	25.74	25.72	25.74	25.75	25.76	25.77	25.77	25.81	25.72	25.77	
06/09/10	25.78	25.78	25.78	25.78	25.78	25.78	25.80	25.81	25.82	25.82	25.81	25.81	25.80	25.79	25.79	25.76	25.74	25.72	25.70	25.69	25.69	25.70	25.72	25.73	25.82	25.69	25.76	
06/10/10	25.73	25.72	25.71	25.70	25.71	25.71	25.72	25.73	25.73	25.72	25.72	25.71	25.70	25.68	25.66	25.64	25.62	25.60	25.59	25.60	25.60	25.62	25.64	25.63	25.73	25.59	25.67	
06/11/10	25.63	25.62	25.61	25.61	25.61	25.61	25.62	25.63	25.63	25.64	25.62	25.62	25.60	25.60	25.58	25.57	25.56	25.55	25.56	25.56	25.58	25.61	25.62	25.63	25.64	25.55	25.61	
06/12/10	25.62	25.61	25.61	25.60	25.60	25.61	25.62	25.64	25.65	25.67	25.67	25.69	25.69	25.70	25.71	25.70	25.69	25.71	25.71	25.73	25.75	25.76	25.78	25.78	25.78	25.60	25.68	
06/13/10	25.78	25.78	25.78	25.78	25.78	25.79	25.80	25.81	25.82	25.82	25.81	25.81	25.80	25.79	25.79	25.76	25.74	25.72	25.70	25.69	25.69	25.70	25.72	25.73	25.82	25.69	25.76	
06/14/10	25.81	25.80	25.79	25.78	25.78	25.78	25.79	25.80	25.81	25.81	25.80	25.80	25.79	25.77	25.76	25.74	25.73	25.71	25.71	25.71	25.73	25.74	25.74	25.81	25.71	25.77		
06/15/10	25.74	25.73	25.72	25.72	25.72	25.72	25.73	25.73	25.74	25.74	25.74	25.74	25.74	25.73	25.72	25.71	25.69	25.68	25.68	25.67	25.67	25.68	25.68	25.69	25.74	25.67	25.71	
06/16/10	25.70	25.71	25.70	25.71	25.71	25.73	25.74	25.75	25.76	25.76	25.75	25.75	25.75	25.74	25.73	25.73	25.70	25.69	25.69	25.68	25.68	25.70	25.72	25.72	25.76	25.68	25.72	
06/17/10	25.72	25.72	25.73	25.73	25.73	25.74	25.76	25.77	25.78	25.78	25.78	25.77	25.77	25.76	25.75	25.74	25.72	25.72	25.71	25.70	25.71	25.71	25.72	25.74	25.78	25.70	25.74	
06/18/10	25.73	25.72	25.73	25.73	25.73	25.73	25.75	25.77	25.77	25.78	25.78	25.78	25.78	25.76	25.76	25.74	25.74	25.72	25.70	25.72	25.72	25.74	25.77	25.77	25.78	25.70	25.75	
06/19/10	25.78	25.79	25.79	25.79	25.80	25.81	25.83	25.85	25.86	25.87	25.87	25.87	25.86	25.84	25.82	25.80	25.79	25.78	25.77	25.76	25.77	25.78	25.79	25.87	25.76	25.81		
06/20/10	25.80	25.79	25.79	25.80	25.81	25.81	25.83	25.83	25.84	25.84	25.84	25.83	25.82	25.80	25.79	25.77	25.75	25.74	25.72	25.72	25.73	25.75	25.75	25.84	25.72	25.79		
06/21/10	25.76	25.75	25.75	25.75	25.77	25.77	25.78	25.79	25.80	25.80	25.80	25.80	25.80	25.78	25.77	25.76	25.74	25.72	25.71	25.72	25.73	25.76	25.77	25.78	25.80	25.71	25.76	
06/22/10	25.77	25.78	25.79	25.79	25.80	25.81	25.82	25.83	25.84	25.84	25.84	25.84	25.85	25.84	25.82	25.81	25.80	25.79	25.78	25.78	25.78	25.80	25.81	25.82	25.85	25.77	25.81	
06/23/10	25.81	25.80	25.80	25.81	25.81	25.82	25.83	25.84	25.84	25.84	25.84	25.84	25.83	25.82	25.80	25.79	25.77	25.77	25.75	25.75	25.76	25.78	25.80	25.79	25.85	25.75	25.80	
06/24/10	25.79	25.79	25.78	25.80	25.80	25.81	25.82	25.83	25.84	25.84	25.83	25.83	25.82	25.82	25.79	25.77	25.74	25.73	25.72	25.72	25.74	25.74	25.78	25.80	25.81	25.84	25.72	25.79
06/25/10	25.81	25.81	25.80	25.81	25.81	25.81	25.81	25.81	25.82	25.82	25.83	25.83	25.82	25.81	25.80	25.79	25.77	25.75	25.72	25.71	25.70	25.70	25.72	25.74	25.78	25.83	25.70	25.78
06/26/10	25.75	25.75	25.75	25.75	25.75	25.75	25.77	25.77	25.78	25.78	25.78	25.77	25.77	25.74	25.72	25.70	25.68	25.66	25.66	25.66	25.68	25.70	25.70	25.78	25.66	25.73		
06/27/10	25.69	25.70	25.69	25.69	25.69	25.69	25.70	25.71	25.72	25.71	25.71	25.71	25.69	25.67	25.65	25.64	25.64	25.63	25.62	25.63	25.64	25.66	25.67	25.67	25.72	25.62	25.68	
06/28/10	25.67	25.67	25.67	25.67	25.68	25.68	25.69	25.71	25.72	25.72	25.73	25.72	25.72	25.71	25.68	25.67	25.70	25.72	25.70	25.68	25.67	25.69	25.71	25.73	25.73	25.73	25.67	25.70
06/29/10	25.73	25.73	25.73	25.74	25.75	25.75	25.76	25.77	25.77	25.77	25.78	25.78	25.76	25.75	25.73	25.71	25.70	25.70	25.72	25.73	25.73	25.74	25.74	25.75	25.78	25.70	25.74	
06/30/10	25.75	25.74	25.73	25.74	25.74	25.76	25.77	25.78	25.80	25.80	25.79	25.79	25.77	25.75	25.73	25.71	25.72	25.70	25.70	25.71	25.72	25.73	25.74	25.74	25.80	25.70	25.75	

Hourly Averages Maximum Hourly Pressure: 25.87 Minimum Hourly Pressure: 25.55

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 2010

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			
04/01/10	0.0	0.0	0.0	0.0	0.0	0.0	13.1	129.8	305.7	620.6	773.0	838.0	781.8	614.7	526.6	477.4	431.6	212.3	26.8	0.0	0.0	0.0	0.0	838.0	0.0	383.4	
04/02/10	0.0	0.0	0.0	0.0	0.0	0.1	44.5	237.2	448.8	636.5	759.1	862.0	869.0	708.8	674.5	545.8	356.8	142.6	22.6	0.1	0.0	0.0	0.0	869.0	0.1	420.6	
04/03/10	0.0	0.0	0.0	0.0	0.0	0.0	43.6	229.6	436.7	620.8	760.0	845.0	871.0	835.0	743.6	596.6	408.0	195.2	24.7	0.0	0.0	0.0	0.0	871.0	0.0	440.7	
04/04/10	0.0	0.0	0.0	0.0	0.0	0.1	49.3	238.6	440.3	622.0	761.5	845.0	869.0	834.0	748.3	602.2	415.1	210.0	29.0	0.0	0.0	0.0	0.0	869.0	0.0	444.3	
04/05/10	0.0	0.0	0.0	0.0	0.0	0.2	50.0	242.2	447.1	627.1	764.3	846.0	866.0	830.0	743.8	596.8	408.3	203.3	27.9	0.1	0.0	0.0	0.0	866.0	0.1	443.5	
04/06/10	0.0	0.0	0.0	0.0	0.0	0.2	57.4	247.5	455.4	661.0	853.0	884.0	883.0	848.0	770.0	614.2	434.4	230.2	32.8	0.1	0.0	0.0	0.0	884.0	0.1	464.7	
04/07/10	0.0	0.0	0.0	0.0	0.0	0.2	67.2	277.2	489.9	672.5	811.0	895.0	914.0	873.0	779.6	630.8	441.9	234.3	34.2	0.1	0.0	0.0	0.0	914.0	0.1	474.7	
04/08/10	0.0	0.0	0.0	0.0	0.0	0.3	69.1	275.5	483.6	662.9	796.8	879.0	902.0	859.0	769.2	622.3	436.1	230.3	34.4	0.1	0.0	0.0	0.0	902.0	0.1	468.0	
04/09/10	0.0	0.0	0.0	0.0	0.0	0.4	71.3	272.8	476.3	655.9	790.5	878.0	901.0	866.0	771.5	627.4	439.3	233.6	36.0	0.1	0.0	0.0	0.0	901.0	0.1	468.0	
04/10/10	0.0	0.0	0.0	0.0	0.0	0.5	74.3	276.6	481.8	643.1	753.0	861.0	872.0	835.0	757.8	620.3	441.2	188.2	47.9	0.1	0.0	0.0	0.0	872.0	0.1	456.8	
04/11/10	0.0	0.0	0.0	0.0	0.0	0.5	72.3	270.4	474.0	652.1	786.8	874.0	891.0	848.0	737.2	617.6	428.3	227.8	34.3	0.1	0.0	0.0	0.0	891.0	0.1	461.0	
04/12/10	0.0	0.0	0.0	0.0	0.0	0.7	78.4	281.0	483.7	663.7	803.0	878.0	858.0	865.0	769.3	618.4	433.3	227.3	35.9	0.2	0.0	0.0	0.0	878.0	0.2	466.4	
04/13/10	0.0	0.0	0.0	0.0	0.0	0.5	50.3	177.2	490.8	493.2	655.1	831.0	848.0	867.0	774.8	628.9	442.5	237.0	37.4	0.2	0.0	0.0	0.0	867.0	0.2	435.6	
04/14/10	0.0	0.0	0.0	0.0	0.0	0.9	86.6	288.8	491.6	671.8	804.0	886.0	902.0	860.0	767.8	617.4	438.3	194.9	32.2	0.1	0.0	0.0	0.0	902.0	0.1	469.5	
04/15/10	0.0	0.0	0.0	0.0	0.0	1.1	87.4	287.8	482.0	652.7	793.4	871.0	898.0	795.5	765.6	624.2	440.6	238.0	36.6	0.1	0.0	0.0	0.0	898.0	0.1	464.9	
04/16/10	0.0	0.0	0.0	0.0	0.0	0.7	113.7	255.1	443.2	449.2	550.4	612.1	353.8	297.7	379.5	235.0	275.2	91.2	34.5	0.2	0.0	0.0	0.0	612.1	0.2	272.8	
04/17/10	0.0	0.0	0.0	0.0	0.0	1.2	82.6	281.3	480.4	650.1	780.2	848.0	774.0	298.5	592.0	579.6	351.9	137.4	32.4	0.1	0.0	0.0	0.0	848.0	0.1	392.6	
04/18/10	0.0	0.0	0.0	0.0	0.0	0.6	54.5	232.4	441.0	646.2	748.7	796.1	873.0	838.0	724.0	594.8	426.8	228.2	41.1	0.3	0.0	0.0	0.0	873.0	0.3	443.0	
04/19/10	0.0	0.0	0.0	0.0	0.0	0.5	32.3	88.9	213.1	307.6	336.9	515.9	353.3	567.4	540.7	573.0	419.7	258.8	46.0	0.3	0.0	0.0	0.0	573.0	0.3	283.6	
04/20/10	0.0	0.0	0.0	0.0	0.0	1.8	98.1	294.4	478.4	650.6	792.8	893.0	875.0	648.6	444.6	559.0	312.9	202.4	32.9	0.2	0.0	0.0	0.0	893.0	0.2	419.0	
04/21/10	0.0	0.0	0.0	0.0	0.0	1.9	54.8	152.9	214.5	300.6	167.3	262.1	421.1	329.4	195.3	155.7	239.5	146.9	21.6	0.1	0.0	0.0	0.0	421.1	0.1	177.6	
04/22/10	0.0	0.0	0.0	0.0	0.0	2.5	91.5	310.1	473.6	515.2	155.7	338.8	452.9	453.9	237.3	223.2	123.3	36.7	15.3	0.1	0.0	0.0	0.0	515.2	0.1	228.7	
04/23/10	0.0	0.0	0.0	0.0	0.0	2.8	148.9	195.7	544.8	534.1	540.0	521.3	461.4	377.5	582.7	466.1	148.4	145.3	39.8	0.4	0.0	0.0	0.0	582.7	0.4	313.9	
04/24/10	0.0	0.0	0.0	0.0	0.0	3.2	113.4	315.0	518.6	696.1	830.0	906.0	922.0	873.0	784.6	638.1	453.3	248.8	46.7	0.6	0.0	0.0	0.0	922.0	0.6	490.0	
04/25/10	0.0	0.0	0.0	0.0	0.0	3.8	117.9	319.4	519.9	691.4	821.0	901.0	922.0	879.0	790.6	644.4	462.4	258.5	48.1	0.7	0.0	0.0	0.0	922.0	0.7	492.0	
04/26/10	0.0	0.0	0.0	0.0	0.0	4.0	124.1	324.5	521.7	691.8	817.0	894.0	914.0	875.0	783.9	643.1	406.6	163.4	32.1	0.7	0.0	0.0	0.0	914.0	0.7	479.7	
04/27/10	0.0	0.0	0.0	0.0	0.0	4.4	122.4	322.6	518.7	690.4	818.0	893.0	915.0	875.0	784.1	549.1	375.7	228.1	54.3	0.3	0.0	0.0	0.0	915.0	0.3	476.7	
04/28/10	0.0	0.0	0.0	0.0	0.0	2.2	55.7	220.7	445.4	689.1	824.0	905.0	898.0	875.0	784.3	635.7	457.0	256.8	48.5	0.9	0.0	0.0	0.0	905.0	0.9	473.2	
04/29/10	0.0	0.0	0.0	0.0	0.0	1.5	43.5	94.6	230.4	537.6	403.3	506.0	759.5	566.8	548.4	418.6	246.5	123.6	35.4	0.8	0.0	0.0	0.0	759.5	0.8	301.1	
04/30/10	0.0	0.0	0.0	0.0	0.0	6.3	144.1	355.0	565.1	743.7	878.0	961.0	970.0	908.0	752.2	702.0	556.2	304.3	54.8	1.0	0.0	0.0	0.0	970.0	1.0	526.8	

Hourly Averages

0.0 0.0 0.0 0.0 0.0 1.4 77.1 249.8 449.9 611.7 704.3 790.9 799.7 733.4 667.5 555.3 388.4 201.2 35.9 0.3 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 970.0 **Minimum Hourly Radiation:** 0.0 **Average Monthly Radiation:** 417.8

Maximum 24-Hour Mean: 526.8 **Minimum 24-Hour Mean:** 177.6

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 2010

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			
05/01/10	0.0	0.0	0.0	0.0	0.0	6.9	145.7	354.1	560.2	735.0	845.0	940.0	954.0	915.0	822.0	639.1	282.2	139.1	41.4	0.9	0.0	0.0	0.0	954.0	0.0	461.3	
05/02/10	0.0	0.0	0.0	0.0	0.0	5.8	141.1	385.1	516.0	682.4	632.2	331.6	439.6	337.3	153.4	302.6	460.2	292.3	67.6	1.5	0.0	0.0	0.0	682.4	0.0	296.8	
05/03/10	0.0	0.0	0.0	0.0	0.0	8.4	159.1	369.4	570.6	739.4	864.0	936.0	951.0	908.0	818.0	672.2	490.4	288.1	60.2	1.5	0.0	0.0	0.0	951.0	0.0	489.8	
05/04/10	0.0	0.0	0.0	0.0	0.0	9.2	161.1	367.2	564.3	731.4	859.0	934.0	951.0	909.0	820.0	676.6	495.2	293.1	62.8	1.5	0.0	0.0	0.0	951.0	0.0	489.7	
05/05/10	0.0	0.0	0.0	0.0	0.0	9.8	162.1	364.5	559.3	728.1	858.0	931.0	945.0	906.0	809.0	669.7	486.7	287.7	63.8	1.4	0.0	0.0	0.0	945.0	0.0	486.4	
05/06/10	0.0	0.0	0.0	0.0	0.0	10.5	161.1	369.1	569.1	739.9	867.0	936.0	950.0	907.0	814.0	670.1	488.0	287.8	63.6	1.7	0.0	0.0	0.0	950.0	0.0	489.7	
05/07/10	0.0	0.0	0.0	0.0	0.1	10.7	159.0	359.2	552.8	718.8	840.0	913.0	933.0	891.0	804.0	661.2	481.7	283.0	64.2	1.8	0.0	0.0	0.0	933.0	0.1	479.6	
05/08/10	0.0	0.0	0.0	0.0	0.1	8.8	54.5	356.1	472.0	692.1	703.3	868.0	875.0	899.0	745.4	644.6	434.6	283.9	66.3	2.2	0.0	0.0	0.0	899.0	0.1	444.1	
05/09/10	0.0	0.0	0.0	0.0	0.0	12.5	152.8	314.7	439.1	631.6	741.7	852.0	943.0	890.0	808.0	664.1	480.6	275.9	66.1	2.4	0.0	0.0	0.0	943.0	0.0	454.7	
05/10/10	0.0	0.0	0.0	0.0	0.0	13.4	170.7	386.5	588.1	762.4	890.0	954.0	971.0	930.0	835.0	689.0	504.3	299.8	75.6	2.3	0.0	0.0	0.0	971.0	0.0	504.5	
05/11/10	0.0	0.0	0.0	0.0	0.0	13.8	165.6	374.2	577.7	751.7	883.0	963.0	978.0	931.0	844.0	698.7	514.8	306.6	79.4	2.9	0.0	0.0	0.0	978.0	0.0	505.3	
05/12/10	0.0	0.0	0.0	0.0	0.0	15.1	174.5	383.7	588.1	761.6	887.0	962.0	976.0	927.0	839.0	694.4	510.5	306.0	81.8	2.4	0.0	0.0	0.0	976.0	0.0	506.8	
05/13/10	0.0	0.0	0.0	0.0	0.0	19.0	170.7	286.4	444.9	628.0	810.0	872.0	935.0	899.0	828.0	646.7	255.5	147.1	48.2	4.4	0.0	0.0	0.0	935.0	0.0	437.2	
05/14/10	0.0	0.0	0.0	0.0	0.1	7.7	110.1	308.3	507.0	745.2	847.0	934.0	949.0	910.0	823.0	679.8	498.7	296.2	81.6	2.4	0.0	0.0	0.0	949.0	0.1	481.3	
05/15/10	0.0	0.0	0.0	0.0	0.1	8.2	120.7	300.1	547.5	712.0	761.1	790.2	791.1	909.0	816.0	672.9	494.6	297.0	84.4	2.9	0.0	0.0	0.0	909.0	0.1	456.7	
05/16/10	0.0	0.0	0.0	0.0	0.0	17.2	178.3	374.9	567.6	733.2	854.0	927.0	945.0	904.0	814.0	669.4	492.5	297.7	86.9	3.1	0.0	0.0	0.0	945.0	0.0	491.6	
05/17/10	0.0	0.0	0.0	0.0	0.1	18.1	176.2	373.4	569.7	732.5	854.0	900.0	786.1	598.5	576.4	496.6	475.7	152.8	61.8	3.7	0.0	0.0	0.0	900.0	0.1	423.5	
05/18/10	0.0	0.0	0.0	0.0	0.0	10.2	164.4	360.8	472.3	634.0	844.0	914.0	945.0	871.0	806.0	652.4	485.3	272.5	63.5	4.9	0.0	0.0	0.0	945.0	0.0	468.8	
05/19/10	0.0	0.0	0.0	0.0	0.1	20.0	186.9	382.2	580.1	746.1	869.0	935.0	946.0	906.0	821.0	686.0	503.1	303.6	91.6	3.6	0.0	0.0	0.0	946.0	0.1	498.4	
05/20/10	0.0	0.0	0.0	0.0	0.0	20.3	183.0	379.0	571.2	736.5	856.0	928.0	942.0	903.0	816.0	677.1	500.4	301.7	91.8	4.4	0.0	0.0	0.0	942.0	0.0	494.4	
05/21/10	0.0	0.0	0.0	0.0	0.0	21.0	185.0	378.9	570.2	734.6	860.0	930.0	943.0	905.0	816.0	677.1	500.1	303.5	92.3	3.9	0.0	0.0	0.0	943.0	0.0	495.0	
05/22/10	0.0	0.0	0.0	0.0	0.0	22.4	191.1	390.5	589.4	753.7	872.0	938.0	953.0	910.0	822.0	681.1	503.8	309.2	95.9	4.0	0.0	0.0	0.0	953.0	0.0	502.3	
05/23/10	0.0	0.0	0.0	0.0	0.0	22.9	190.0	389.5	587.3	747.8	875.0	943.0	954.0	912.0	827.0	689.8	511.5	315.9	95.9	4.4	0.0	0.0	0.0	954.0	0.0	504.1	
05/24/10	0.0	0.0	0.0	0.0	0.0	26.1	205.4	412.4	617.3	786.8	908.0	978.0	987.0	941.0	861.0	716.9	536.2	334.3	102.4	4.3	0.0	0.0	0.0	987.0	0.0	526.1	
05/25/10	0.0	0.0	0.0	0.0	0.0	25.4	198.6	401.3	596.2	761.4	882.0	952.0	967.0	917.0	841.0	701.3	525.9	328.1	98.2	3.8	0.0	0.0	0.0	967.0	0.0	512.4	
05/26/10	0.0	0.0	0.0	0.0	0.1	26.4	199.2	396.6	590.3	755.7	875.0	942.0	958.0	919.0	831.0	692.5	519.1	322.6	95.5	4.2	0.0	0.0	0.0	958.0	0.1	507.9	
05/27/10	0.0	0.0	0.0	0.0	0.0	27.5	200.4	396.8	587.7	753.3	875.0	943.0	958.0	925.0	841.0	703.2	523.4	326.1	95.7	4.3	0.0	0.0	0.0	958.0	0.0	510.0	
05/28/10	0.0	0.0	0.0	0.0	0.0	24.1	180.9	379.0	573.5	738.6	857.0	925.0	942.0	909.0	824.0	685.9	512.1	314.9	90.1	4.6	0.0	0.0	0.0	942.0	0.0	497.5	
05/29/10	0.0	0.0	0.0	0.0	0.0	28.8	200.4	394.9	590.1	756.1	874.0	944.0	959.0	922.0	838.0	702.1	527.0	329.7	92.4	4.6	0.0	0.0	0.0	959.0	0.0	510.2	
05/30/10	0.0	0.0	0.0	0.0	0.1	29.8	201.9	392.3	580.5	746.9	867.0	935.0	946.0	915.0	833.0	695.1	521.0	325.2	90.6	5.2	0.0	0.0	0.0	946.0	0.1	505.3	
05/31/10	0.0	0.0	0.0	0.0	0.0	29.6	199.8	389.8	575.6	741.5	860.0	930.0	943.0	909.0	827.0	692.2	520.6	325.9	89.9	5.2	0.0	0.0	0.0	943.0	0.0	502.4	

Hourly Averages

0.0 0.0 0.0 0.0 0.0 17.1 169.4 370.0 557.3 729.6 844.2 905.8 923.1 881.8 792.7 661.1 485.0 288.6 78.8 3.2 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 987.0 **Minimum Hourly Radiation:** 0.0 **Average Monthly Radiation:** 481.7

Maximum 24-Hour Mean: 526.1

Minimum 24-Hour Mean: 296.8

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 2010

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			
06/01/10	0.0	0.0	0.0	0.0	0.0	28.7	192.0	381.8	573.7	741.6	864.0	930.0	944.0	910.0	831.0	700.2	389.2	267.6	74.1	4.0	0.0	0.0	0.0	944.0	0.0	489.5	
06/02/10	0.0	0.0	0.0	0.0	0.0	23.8	190.1	381.0	581.7	744.1	861.0	934.0	952.0	915.0	832.0	696.1	522.3	326.8	86.8	4.6	0.0	0.0	0.0	952.0	0.0	503.2	
06/03/10	0.0	0.0	0.0	0.0	0.0	29.2	192.9	384.6	577.5	743.1	860.0	927.0	943.0	904.0	824.0	688.3	510.2	262.7	89.3	7.6	0.0	0.0	0.0	943.0	0.0	496.5	
06/04/10	0.0	0.0	0.0	0.0	0.0	30.1	195.0	380.4	567.1	723.9	840.0	916.0	916.0	890.0	818.0	670.5	513.9	323.1	82.2	5.2	0.0	0.0	0.0	916.0	0.0	492.0	
06/05/10	0.0	0.0	0.0	0.0	0.0	30.8	195.8	380.3	569.3	729.6	847.0	915.0	931.0	894.0	813.0	680.3	514.4	326.2	80.9	5.2	0.0	0.0	0.0	931.0	0.0	494.5	
06/06/10	0.0	0.0	0.0	0.0	0.0	21.0	183.4	362.7	545.9	703.3	825.0	894.0	913.0	880.0	798.4	670.0	504.4	317.0	79.9	6.1	0.0	0.0	0.0	913.0	0.0	481.5	
06/07/10	0.0	0.0	0.0	0.0	0.0	14.3	98.1	212.3	382.3	637.7	800.0	905.0	926.0	914.0	829.0	697.5	527.0	333.8	83.7	6.1	0.0	0.0	0.0	926.0	0.0	460.4	
06/08/10	0.0	0.0	0.0	0.0	0.0	30.0	189.7	381.4	569.6	734.7	864.0	926.0	896.0	820.0	714.9	670.7	466.7	327.9	90.0	11.2	0.0	0.0	0.0	926.0	0.0	480.8	
06/09/10	0.0	0.0	0.0	0.0	0.0	30.2	197.1	361.8	582.2	727.0	851.0	882.0	939.0	902.0	826.0	692.4	522.3	339.2	90.6	9.4	0.0	0.0	0.0	939.0	0.0	497.0	
06/10/10	0.0	0.0	0.0	0.0	0.0	31.2	195.8	378.6	562.7	722.5	841.0	920.0	814.0	902.0	823.0	683.6	511.1	321.5	77.6	5.9	0.0	0.0	0.0	920.0	0.0	486.9	
06/11/10	0.0	0.0	0.0	0.0	0.0	27.7	191.1	383.0	549.7	716.5	856.0	858.0	843.0	723.9	569.8	689.2	433.5	212.5	66.3	5.0	0.0	0.0	0.0	858.0	0.0	445.3	
06/12/10	0.0	0.0	0.0	0.0	0.1	29.9	196.5	394.5	593.7	755.2	869.0	868.0	852.0	893.0	847.0	682.3	535.8	304.2	83.4	6.5	0.0	0.0	0.0	893.0	0.1	494.4	
06/13/10	0.0	0.0	0.0	0.0	0.1	29.8	194.1	380.4	570.5	735.6	858.0	939.0	945.0	908.0	823.0	693.0	524.4	333.5	79.6	6.7	0.0	0.0	0.0	945.0	0.1	501.3	
06/14/10	0.0	0.0	0.0	0.0	0.1	29.6	193.6	378.7	564.7	724.3	845.0	915.0	930.0	897.0	818.0	687.5	522.1	336.8	78.6	6.4	0.0	0.0	0.0	930.0	0.1	495.5	
06/15/10	0.0	0.0	0.0	0.0	0.1	29.7	195.7	382.1	568.3	726.5	848.0	923.0	936.0	904.0	826.0	694.7	527.5	340.2	79.3	6.6	0.0	0.0	0.0	936.0	0.1	499.2	
06/16/10	0.0	0.0	0.0	0.0	0.1	29.0	193.0	377.8	567.4	730.4	856.0	922.0	937.0	904.0	827.0	702.9	529.3	337.2	79.5	7.1	0.0	0.0	0.0	937.0	0.1	500.0	
06/17/10	0.0	0.0	0.0	0.0	0.1	29.9	197.9	385.2	572.6	733.8	855.0	927.0	944.0	912.0	835.0	704.8	539.3	350.3	80.7	6.7	0.0	0.0	0.0	944.0	0.1	504.6	
06/18/10	0.0	0.0	0.0	0.0	0.1	30.6	200.1	388.1	577.4	739.0	860.0	933.0	951.0	922.0	842.0	704.8	535.0	347.2	82.2	6.5	0.0	0.0	0.0	951.0	0.1	507.4	
06/19/10	0.0	0.0	0.0	0.0	0.1	31.6	206.9	398.6	589.9	751.1	870.0	943.0	960.0	927.0	845.0	711.1	541.7	351.0	82.3	6.7	0.0	0.0	0.0	960.0	0.1	513.5	
06/20/10	0.0	0.0	0.0	0.0	0.0	27.8	193.3	385.6	580.3	746.1	867.0	935.0	954.0	921.0	842.0	709.4	542.6	350.9	83.3	6.9	0.0	0.0	0.0	954.0	0.0	509.1	
06/21/10	0.0	0.0	0.0	0.0	0.0	28.7	198.6	388.0	573.7	735.0	860.0	933.0	948.0	916.0	837.0	704.0	536.5	351.7	84.9	6.7	0.0	0.0	0.0	948.0	0.0	506.4	
06/22/10	0.0	0.0	0.0	0.0	0.0	26.5	202.2	396.1	595.3	759.9	883.0	955.0	972.0	941.0	863.0	729.2	556.8	360.7	87.1	7.2	0.0	0.0	0.0	972.0	0.0	520.9	
06/23/10	0.0	0.0	0.0	0.0	0.0	29.5	197.7	387.7	573.4	735.7	856.0	928.0	944.0	911.0	836.0	707.3	536.7	345.2	83.8	7.2	0.0	0.0	0.0	944.0	0.0	504.9	
06/24/10	0.0	0.0	0.0	0.0	0.0	24.1	80.6	360.9	548.0	705.9	832.0	895.0	905.0	878.0	803.0	681.6	493.7	331.0	92.0	20.5	0.0	0.0	0.0	905.0	0.0	478.2	
06/25/10	0.0	0.0	0.0	0.0	0.0	8.5	166.1	129.2	153.8	339.1	745.0	496.0	657.1	896.0	811.0	689.1	514.2	332.8	86.8	9.0	0.0	0.0	0.0	896.0	0.0	377.1	
06/26/10	0.0	0.0	0.0	0.0	0.0	24.5	176.9	373.8	560.3	720.3	844.0	916.0	934.0	905.0	825.0	695.5	526.8	342.9	88.5	7.4	0.0	0.0	0.0	934.0	0.0	496.3	
06/27/10	0.0	0.0	0.0	0.0	0.0	24.5	190.7	373.5	560.0	723.2	847.0	920.0	939.0	906.0	827.0	699.2	533.0	343.8	89.5	8.0	0.0	0.0	0.0	939.0	0.0	499.0	
06/28/10	0.0	0.0	0.0	0.0	0.0	22.6	177.9	363.0	544.5	703.3	821.0	890.0	942.0	935.0	405.0	126.1	361.2	115.1	56.4	8.4	0.0	0.0	0.0	942.0	0.0	376.9	
06/29/10	0.0	0.0	0.0	0.0	0.0	22.5	174.1	351.8	534.9	694.0	814.0	887.0	903.0	869.0	818.0	370.9	112.6	74.4	49.3	8.6	0.0	0.0	0.0	903.0	0.0	417.8	
06/30/10	0.0	0.0	0.0	0.0	0.0	14.7	170.1	351.8	533.0	692.2	805.0	875.0	925.0	975.0	528.2	200.5	161.3	361.2	118.9	9.5	0.0	0.0	0.0	975.0	0.0	420.1	

Hourly Averages

0.0 0.0 0.0 0.0 0.0 26.4 184.2 364.5 547.4 712.5 844.8 900.2 916.5 884.4 791.2 647.8 484.9 312.3 82.3 7.4 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 975.0 **Minimum Hourly Radiation:** 0.0 **Average Monthly Radiation:** 481.7

Maximum 24-Hour Mean: 520.9

Minimum 24-Hour Mean: 376.9

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 2010

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	
04/01/10	0.008	0.007	0.010	0.002	0.008	0.000	0.000	0.000	0.001	0.000	0.001	0.003	0.010	0.010	0.015	0.015	0.015	0.015	0.015	0.010	0.008	0.008	0.007	0.008	0.176
04/02/10	0.005	0.005	0.003	0.005	0.003	0.002	0.002	0.006	0.001	0.005	0.006	0.008	0.011	0.013	0.015	0.015	0.015	0.015	0.010	0.007	0.008	0.005	0.002	0.002	0.169
04/03/10	0.002	0.003	0.003	0.000	0.002	0.003	0.000	0.006	0.000	0.006	0.003	0.005	0.008	0.010	0.018	0.018	0.018	0.018	0.015	0.012	0.010	0.005	0.010	0.013	0.188
04/04/10	0.007	0.005	0.005	0.003	0.002	0.003	0.003	0.004	0.000	0.005	0.008	0.010	0.013	0.021	0.020	0.018	0.018	0.015	0.015	0.009	0.010	0.008	0.008	0.008	0.213
04/05/10	0.008	0.008	0.008	0.005	0.005	0.005	0.013	0.003	0.003	0.010	0.003	0.008	0.015	0.016	0.026	0.023	0.025	0.023	0.028	0.018	0.015	0.013	0.010	0.015	0.306
04/06/10	0.013	0.008	0.005	0.005	0.005	0.000	0.002	0.003	0.000	0.008	0.003	0.005	0.010	0.015	0.018	0.026	0.028	0.031	0.023	0.022	0.020	0.012	0.007	0.008	0.277
04/07/10	0.008	0.008	0.005	0.010	0.013	0.010	0.015	0.003	0.005	0.016	0.006	0.016	0.016	0.013	0.015	0.018	0.031	0.013	0.018	0.012	0.010	0.007	0.005	0.010	0.283
04/08/10	0.013	0.007	0.010	0.008	0.005	0.008	0.020	0.003	0.005	0.011	0.013	0.010	0.010	0.016	0.018	0.018	0.018	0.017	0.028	0.018	0.018	0.008	0.010	0.005	0.297
04/09/10	0.005	0.005	0.005	0.003	0.003	0.003	0.000	0.001	0.001	0.003	0.005	0.008	0.013	0.021	0.026	0.025	0.023	0.038	0.023	0.015	0.013	0.007	0.008	0.005	0.259
04/10/10	0.005	0.002	0.003	0.005	0.003	0.003	0.003	0.011	0.001	0.000	0.005	0.008	0.026	0.016	0.020	0.026	0.046	0.012	0.028	0.010	0.010	0.005	0.007	0.008	0.263
04/11/10	0.008	0.005	0.005	0.005	0.003	0.002	0.013	0.000	0.001	0.005	0.005	0.010	0.011	0.026	0.023	0.028	0.026	0.025	0.033	0.013	0.013	0.010	0.013	0.010	0.293
04/12/10	0.008	0.007	0.008	0.005	0.002	0.003	0.003	0.003	0.005	0.005	0.005	0.018	0.021	0.025	0.038	0.036	0.028	0.023	0.013	0.012	0.008	0.005	0.005	0.289	
04/13/10	0.005	0.003	0.002	0.003	0.005	0.000	0.003	0.000	0.003	0.005	0.008	0.008	0.013	0.020	0.026	0.020	0.026	0.018	0.025	0.008	0.005	0.005	0.003	0.217	
04/14/10	0.003	0.003	0.000	0.005	0.000	0.003	0.003	0.005	0.005	0.005	0.008	0.015	0.018	0.018	0.033	0.038	0.023	0.020	0.013	0.008	0.005	0.005	0.005	0.247	
04/15/10	0.005	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.005	0.005	0.013	0.013	0.018	0.031	0.036	0.020	0.023	0.023	0.020	0.015	0.008	0.005	0.005	0.267	
04/16/10	0.003	0.003	0.003	0.002	0.003	0.003	0.005	0.000	0.003	0.005	0.010	0.013	0.015	0.013	0.015	0.010	0.010	0.018	0.013	0.013	0.010	0.008	0.002	0.003	0.183
04/17/10	0.003	0.003	0.003	0.003	0.000	0.003	0.000	0.003	0.000	0.005	0.008	0.013	0.020	0.026	0.020	0.026	0.018	0.020	0.013	0.008	0.008	0.003	0.218		
04/18/10	0.005	0.003	0.000	0.003	0.002	0.000	0.003	0.003	0.005	0.003	0.008	0.015	0.020	0.031	0.036	0.036	0.028	0.033	0.018	0.010	0.008	0.008	0.008	0.289	
04/19/10	0.005	0.005	0.013	0.000	0.005	0.003	0.005	0.003	0.003	0.005	0.005	0.008	0.015	0.010	0.010	0.018	0.020	0.020	0.015	0.008	0.005	0.003	0.192		
04/20/10	0.002	0.000	0.003	0.005	0.003	0.000	0.003	0.000	0.000	0.003	0.005	0.013	0.018	0.020	0.023	0.023	0.025	0.020	0.020	0.015	0.015	0.010	0.013	0.249	
04/21/10	0.005	0.005	0.008	0.005	0.005	0.005	0.003	0.013	0.000	0.003	0.005	0.003	0.010	0.010	0.013	0.015	0.015	0.010	0.010	0.005	0.003	0.005	0.005	0.157	
04/22/10	0.003	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.003	0.003	0.003	0.005	0.010	0.008	0.010	0.008	0.003	0.005	0.000	0.000	0.000	0.000	0.067	
04/23/10	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	0.003	0.010	0.010	0.010	0.010	0.008	0.010	0.005	0.005	0.003	0.077	
04/24/10	0.003	0.005	0.003	0.003	0.000	0.003	0.000	0.000	0.005	0.008	0.013	0.020	0.023	0.023	0.023	0.020	0.020	0.015	0.015	0.010	0.013	0.010	0.005	0.204	
04/25/10	0.003	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.005	0.010	0.008	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042	
04/26/10	INV	0.005	0.013	INV	INV	INV	INV	INV	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	0.018	
04/27/10	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.005	0.007	0.012	0.020	0.023	0.036	0.033	0.036	0.023	0.016	0.019	0.010	0.010	0.020	0.008	0.288	
04/28/10	0.005	0.005	0.005	0.005	0.005	0.002	0.003	0.000	0.003	0.005	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.042	
04/29/10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.005		
04/30/10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.000	0.000	0.000	0.008	

Total Evaporation for the month = 5.783

Total Number of Observations: 713

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE

MAY 2010

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	
05/01/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/02/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/03/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/04/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/05/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/06/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/07/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/08/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/09/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/10/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/11/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/12/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/13/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/14/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/15/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/16/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/17/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/18/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/19/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/20/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/21/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/22/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/23/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/24/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/25/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/26/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/27/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/28/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/29/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/30/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV
05/31/10	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV	INV

Total Evaporation for the month =INV

Total Number of Observations: 0

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC1 (EAST PLANT) MONITORING SITE
JUNE 2010

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	
06/01/10	INV																								
06/02/10	INV																								
06/03/10	INV																								
06/04/10	INV																								
06/05/10	INV																								
06/06/10	INV																								
06/07/10	INV																								
06/08/10	0.010	0.007	0.010	0.008	0.005	0.003	0.005	0.003	0.011	0.008	0.015	0.018	0.028	0.031	0.038	0.033	0.038	0.038	0.031	0.026	0.026	0.023	0.018	0.466	
06/09/10	0.010	0.013	0.010	0.008	0.008	0.008	0.005	0.005	0.006	0.005	0.013	0.018	0.026	0.033	0.036	0.038	0.036	0.041	0.036	0.036	0.018	0.015	0.012	0.015	0.451
06/10/10	0.013	0.013	0.010	0.010	0.010	0.005	0.005	0.005	0.008	0.013	0.018	0.026	0.033	0.038	0.038	0.041	0.038	0.036	0.036	0.028	0.020	0.017	0.015	0.486	
06/11/10	0.015	0.013	0.010	0.008	0.008	0.005	0.005	0.003	0.005	0.005	0.013	INV	0.000	0.051	0.105	0.102	0.107	0.087	0.087	0.081	0.063	0.061	0.056	0.051	0.941
06/12/10	0.049	0.046	0.043	0.041	0.035	0.039	0.043	0.049	0.043	0.038	0.046	0.054	0.051	0.049	0.049	0.061	0.051	0.051	0.043	0.043	0.038	0.038	0.031	0.023	1.054
06/13/10	0.018	0.015	0.015	0.013	0.013	0.015	0.016	0.015	0.015	0.013	0.018	0.026	0.034	0.033	0.036	0.036	0.041	0.031	0.030	0.023	0.020	0.013	0.008	0.010	0.507
06/14/10	0.005	0.013	0.005	0.005	0.005	0.003	0.015	0.013	0.005	0.003	0.008	0.020	0.028	0.033	0.033	0.036	0.046	0.038	0.036	0.033	0.023	0.015	0.013	0.008	0.442
06/15/10	0.010	0.010	0.005	0.013	0.003	0.005	0.013	0.001	0.008	0.015	0.023	0.028	0.036	0.043	0.051	0.043	0.043	0.031	0.031	0.020	0.018	0.023	0.008	0.486	
06/16/10	0.013	0.013	0.010	0.010	0.008	0.008	0.008	0.008	0.013	0.000	INV	0.056	0.102	0.100	0.102	0.097	0.084	0.071	0.061	0.061	0.053	0.043	0.038	0.972	
06/17/10	0.033	0.033	0.028	0.028	0.031	0.031	0.026	0.031	0.027	INV	INV	0.110	0.107	0.112	0.100	0.092	0.102	0.097	0.082	0.089	0.061	0.050	0.048	0.049	1.367
06/18/10	0.043	0.049	0.054	0.046	0.046	0.051	0.061	0.063	0.054	0.059	INV	0.020	0.130	0.115	0.107	0.105	0.094	0.094	0.084	0.061	0.063	0.066	0.059	1.570	
06/19/10	0.059	0.064	0.071	0.061	0.056	0.064	0.074	0.077	0.062	0.065	0.079	0.077	0.079	0.084	0.094	0.087	0.100	0.074	0.061	0.061	0.050	0.043	0.049	0.046	1.637
06/20/10	0.046	0.049	0.046	0.038	0.038	0.054	0.038	0.051	0.034	0.046	0.043	0.054	0.059	0.077	0.066	0.074	0.079	0.061	0.061	0.051	0.033	0.031	0.026	0.018	1.173
06/21/10	0.018	0.018	0.015	0.018	0.020	0.013	0.026	0.016	0.028	INV	INV	0.000	0.071	0.069	0.054	0.054	0.066	0.046	0.048	0.041	0.030	0.020	0.020	0.706	
06/22/10	0.020	0.018	0.018	0.018	0.010	0.026	0.003	0.003	0.008	0.009	0.010	0.026	0.033	0.028	0.084	0.036	0.033	0.038	0.043	0.048	0.030	0.017	0.013	0.015	0.587
06/23/10	0.010	0.010	0.010	0.010	0.010	0.008	0.010	0.013	0.009	0.010	0.015	0.031	0.033	INV	0.000	0.064	0.066	0.064	0.066	0.056	0.046	0.026	0.020	0.607	
06/24/10	0.025	0.010	0.010	0.008	0.008	0.008	0.006	0.011	0.003	0.010	0.026	0.020	0.028	0.036	0.061	0.038	0.048	0.041	0.041	0.028	0.028	0.023	0.026	0.553	
06/25/10	0.026	0.017	0.017	0.023	0.018	0.010	0.020	0.003	0.015	0.008	0.006	0.010	INV	0.000	0.038	0.071	0.079	0.071	0.061	0.051	0.043	0.028	0.028	0.027	0.670
06/26/10	0.025	0.020	0.015	0.015	0.015	0.018	0.021	0.027	0.018	0.023	0.031	0.041	0.048	0.043	0.043	0.059	0.046	0.048	0.046	0.033	0.036	0.027	0.023	0.736	
06/27/10	0.023	0.018	0.015	0.018	0.013	0.010	0.026	0.011	0.016	0.020	0.023	0.043	0.036	0.048	0.048	0.043	0.051	0.051	0.056	0.041	0.041	0.031	0.028	0.730	
06/28/10	0.018	0.015	0.015	0.015	0.013	0.015	0.057	0.049	0.010	0.018	0.028	0.041	0.046	0.046	0.054	0.069	0.048	0.048	0.036	0.028	0.022	0.023	0.020	0.749	
06/29/10	0.023	0.020	0.020	0.018	0.020	0.031	0.010	0.013	0.023	0.020	0.036	0.023	0.038	0.036	0.059	0.043	0.048	0.033	0.036	0.033	0.028	0.025	0.026	0.682	
06/30/10	0.026	0.018	0.018	0.018	0.018	0.018	0.031	0.021	0.013	0.026	0.028	0.031	0.033	0.041	0.064	0.043	0.046	0.043	0.038	0.038	0.033	0.025	0.021	0.721	

Total Evaporation for the month = 18.629

Total Number of Observations: 556

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 2010
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	
04/01/10	0.00	0.00	0.00	0.00	0.00	0.01	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	0.02	
04/02/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/03/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/04/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/05/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/06/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/07/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/08/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/09/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/10/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/11/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/12/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/13/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/14/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/15/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/16/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/17/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/18/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/19/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/20/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/21/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/22/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.05	0.05	
04/23/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/24/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/25/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/26/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/27/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/28/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/29/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/30/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 = 0.07

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 2010

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 - KC1 (EAST PLANT) MONITORING SITE

JUNE 2010

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 2010

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			
04/01/10	4.7	3.6	4.1	4.6	5.1	5.2	2.1	2.2	2.0	2.7	3.5	4.3	4.3	5.0	5.1	5.0	5.1	5.2	4.5	1.8	0.9	0.5	1.2	1.3	5.2	0.5	3.5
04/02/10	0.2	0.3	0.6	0.7	0.7	0.9	0.7	1.1	1.4	2.2	2.5	3.1	3.9	4.1	4.2	4.1	4.2	4.1	2.7	1.6	1.4	1.3	2.5	2.5	4.2	0.2	2.1
04/03/10	2.4	2.7	2.6	4.2	4.6	3.7	6.2	5.1	3.2	2.4	2.9	3.4	2.6	2.7	3.7	4.3	4.8	3.8	2.1	1.7	1.6	1.1	0.2	0.7	6.2	0.2	3.0
04/04/10	1.0	0.9	0.7	2.0	0.8	2.2	3.2	3.0	1.7	3.6	4.3	4.7	4.4	4.7	4.4	4.6	4.0	3.2	2.4	1.8	2.8	1.6	2.2	1.6	4.7	0.7	2.8
04/05/10	1.2	2.2	1.8	1.5	1.6	1.6	1.8	1.8	1.6	4.3	5.9	6.7	6.1	5.6	6.9	6.9	6.6	6.4	4.9	2.6	2.8	2.5	3.0	3.1	6.9	1.2	3.7
04/06/10	2.1	0.7	1.4	1.0	1.0	1.5	2.2	1.2	1.4	2.0	3.0	3.4	4.2	5.5	5.6	5.4	6.2	5.6	4.4	2.6	1.7	1.2	1.2	1.4	6.2	0.7	2.7
04/07/10	3.6	3.9	6.1	9.5	8.6	6.0	7.9	8.9	9.0	6.3	5.0	4.7	4.1	4.0	3.9	3.5	3.4	2.8	2.2	2.2	2.5	2.4	2.0	3.0	9.5	2.0	4.8
04/08/10	2.6	6.7	5.4	5.5	3.8	4.4	4.0	4.1	6.3	6.7	5.5	5.1	3.3	3.3	3.1	3.1	2.9	2.7	3.0	1.0	0.9	0.5	2.1	1.1	6.7	0.5	3.6
04/09/10	0.6	0.4	2.3	3.0	3.7	3.3	1.1	0.9	1.1	1.8	3.0	3.1	3.6	4.3	4.5	4.3	4.3	3.4	2.6	1.6	0.8	1.2	1.1	2.3	4.5	0.4	2.4
04/10/10	1.6	1.9	1.5	3.5	4.8	5.7	5.8	4.7	3.2	2.7	4.1	4.7	3.7	4.9	4.7	5.0	4.7	4.2	2.5	0.9	2.2	2.6	2.2	1.6	5.8	0.9	3.5
04/11/10	1.9	2.0	2.1	0.7	2.1	5.6	5.4	2.7	1.4	2.3	4.9	4.5	4.4	4.9	5.2	5.4	4.6	4.4	3.3	1.6	1.5	1.5	1.3	0.6	5.6	0.6	3.1
04/12/10	1.1	0.4	0.7	1.0	2.2	2.4	2.7	2.4	2.7	3.9	5.2	5.3	5.5	5.4	6.6	8.0	8.7	8.0	5.5	3.3	1.9	2.9	2.8	0.8	8.7	0.4	3.7
04/13/10	0.9	0.7	0.8	1.2	1.3	1.6	1.6	1.0	1.3	1.8	2.3	3.2	3.3	3.6	3.8	4.3	3.7	3.9	3.1	1.9	0.7	1.3	1.5	0.6	4.3	0.6	2.1
04/14/10	0.5	0.7	1.7	3.0	3.3	4.2	3.3	1.8	2.8	5.2	4.5	3.2	3.8	3.5	3.7	3.9	3.7	4.0	2.9	1.7	0.9	0.9	0.4	0.7	5.2	0.4	2.7
04/15/10	0.8	0.6	1.7	2.4	1.0	0.6	0.9	1.3	0.9	1.4	2.1	2.7	3.1	3.8	3.6	3.6	3.1	3.2	3.0	1.1	1.1	0.9	0.9	1.3	3.8	0.6	1.9
04/16/10	0.8	1.4	0.8	0.7	1.5	1.3	1.4	1.1	1.5	1.3	2.6	2.6	2.8	2.0	2.7	3.0	2.6	3.0	1.6	1.5	1.2	0.6	1.0	1.2	3.0	0.6	1.7
04/17/10	1.9	1.6	2.2	2.6	3.5	3.9	3.3	1.9	2.0	2.6	2.4	2.7	2.9	3.1	3.8	3.9	3.9	3.0	1.1	1.1	1.2	0.1	1.7	3.9	0.1	2.4	
04/18/10	0.7	0.5	0.6	1.5	0.8	0.9	2.3	4.2	2.6	3.2	1.9	3.7	3.0	2.9	3.9	4.8	4.3	4.4	3.5	1.6	0.5	1.5	1.3	1.0	4.8	0.5	2.3
04/19/10	0.9	2.1	1.0	0.7	0.7	0.7	2.1	1.8	1.0	2.5	2.5	4.5	3.1	2.0	3.0	2.7	2.2	3.4	3.4	1.8	1.1	0.4	2.2	2.0	4.5	0.4	2.0
04/20/10	1.9	1.2	1.3	1.8	1.6	1.5	2.4	1.3	1.4	2.2	2.6	3.3	4.2	4.6	4.9	4.6	5.0	4.4	3.9	1.2	0.7	1.6	3.7	3.2	5.0	0.7	2.7
04/21/10	1.5	2.2	3.8	2.5	2.5	1.3	3.0	4.8	5.3	4.9	6.3	7.5	5.8	7.0	7.3	5.1	5.2	5.2	4.4	3.8	4.1	3.8	5.2	4.0	7.5	1.3	4.4
04/22/10	5.3	6.7	4.5	3.8	5.9	5.3	2.5	1.6	1.8	2.2	3.7	4.3	3.5	4.0	4.7	4.1	5.2	4.8	1.9	3.9	3.2	2.2	2.3	2.7	6.7	1.6	3.7
04/23/10	2.4	1.5	0.8	1.5	0.7	1.3	0.7	1.4	1.9	2.8	3.6	4.6	5.4	5.5	4.6	5.1	4.8	4.6	4.3	3.0	2.9	2.0	2.2	1.3	5.5	0.7	2.9
04/24/10	1.2	1.0	1.5	0.3	0.3	1.1	1.3	1.1	1.2	1.8	3.1	4.2	4.2	3.9	4.4	5.0	4.6	4.6	4.3	2.3	1.3	1.6	1.3	1.0	5.0	0.3	2.4
04/25/10	0.8	1.4	2.5	2.3	3.0	1.3	3.9	2.5	1.8	1.4	2.3	2.8	3.4	4.1	4.2	4.3	4.6	4.2	3.8	1.7	1.1	1.1	0.9	0.8	4.6	0.8	2.5
04/26/10	0.9	0.5	1.4	2.2	2.6	3.3	0.7	0.4	1.8	1.3	2.3	2.9	3.7	3.3	3.8	3.5	3.6	4.7	2.9	1.0	1.0	0.7	0.8	0.9	4.7	0.4	2.1
04/27/10	0.9	0.6	1.1	1.0	0.7	0.7	0.7	1.7	1.6	2.9	2.8	3.2	3.8	4.7	4.6	4.6	5.0	5.0	3.8	2.3	0.4	1.0	0.9	1.0	5.0	0.4	2.3
04/28/10	1.2	1.2	0.7	1.0	1.7	1.8	1.8	0.7	1.9	3.7	4.0	4.9	5.7	6.6	6.5	7.7	8.4	8.5	8.2	6.3	3.5	3.9	4.8	5.8	8.5	0.7	4.2
04/29/10	6.2	4.4	3.9	2.4	1.2	2.3	3.5	5.2	4.6	5.7	6.8	7.0	7.7	7.2	7.8	8.4	7.0	6.9	6.4	5.4	4.1	3.7	2.9	1.2	8.4	1.2	5.1
04/30/10	0.8	0.6	0.4	0.3	1.0	1.1	1.2	1.2	1.8	3.5	4.4	4.7	4.6	4.5	5.2	5.4	5.0	5.1	3.7	2.1	1.0	0.6	1.3	1.3	5.4	0.3	2.5

Hourly Averages

1.8 1.8 2.0 2.3 2.4 2.5 2.7 2.5 2.4 3.0 3.7 4.1 4.1 4.4 4.7 4.8 4.7 4.6 3.6 2.2 1.7 1.6 1.9 1.7

Maximum Hourly Wind Speed: 9.5 Minimum Hourly Wind Speed: 0.1 Average Monthly Wind Speed: 3.0

Maximum 24-Hour Mean: 5.1 Minimum 24-Hour Mean: 1.7

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 2010

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	
04/01/10	231	226	227	229	228	273	91	124	223	236	243	254	258	238	228	224	251	251	253	268	316	309	25	324	
04/02/10	326	322	324	37	340	30	279	84	183	201	219	244	230	256	249	279	263	262	253	57	23	40	47	56	
04/03/10	56	48	61	69	76	63	75	79	111	138	147	200	231	179	222	219	266	265	289	351	33	332	261	48	
04/04/10	60	35	31	44	354	49	52	69	122	189	179	173	212	222	225	257	273	263	303	17	49	65	55	70	
04/05/10	233	104	78	90	93	63	65	101	146	192	206	215	234	242	234	240	247	253	264	259	245	246	260	278	
04/06/10	282	241	305	336	4	43	68	167	187	200	239	265	265	264	278	267	272	265	270	304	280	62	31	327	
04/07/10	13	25	38	31	30	47	51	47	63	90	110	71	49	87	79	59	52	12	40	36	62	68	120	102	
04/08/10	147	53	71	72	47	84	93	112	75	70	92	85	82	162	185	203	199	206	267	332	45	307	39	30	
04/09/10	320	31	54	59	59	65	20	54	191	191	204	183	253	197	251	248	269	263	281	336	310	326	33	50	
04/10/10	46	48	71	61	76	79	83	79	104	177	175	182	209	199	201	206	237	253	269	356	41	51	60	61	
04/11/10	50	55	57	18	51	71	75	108	211	178	183	180	183	201	198	210	237	245	244	288	58	106	125	355	
04/12/10	47	27	279	351	63	87	112	157	238	207	203	230	244	241	217	224	235	249	259	244	229	248	231	216	
04/13/10	199	223	261	278	187	293	306	289	250	252	210	235	234	260	269	257	270	272	279	310	337	61	63	14	
04/14/10	325	31	22	65	105	90	56	188	195	134	179	219	194	262	261	253	265	269	277	303	59	57	5	297	
04/15/10	36	38	49	57	350	328	340	277	154	192	295	200	226	245	247	251	244	263	271	321	21	24	341	41	
04/16/10	317	12	339	35	91	314	295	119	150	229	265	272	278	267	276	242	276	277	247	307	2	25	27	8	
04/17/10	37	33	35	35	51	101	12	53	216	256	228	236	208	236	232	265	271	268	271	316	39	39	60	38	
04/18/10	20	21	20	38	313	336	46	89	81	141	188	203	229	226	246	248	265	268	267	301	317	63	67	325	
04/19/10	358	21	248	39	132	260	77	79	215	209	217	215	293	263	190	222	166	278	264	308	326	353	49	47	
04/20/10	45	333	320	26	71	44	52	133	160	175	201	178	230	221	228	222	245	234	219	174	104	209	239	216	
04/21/10	160	189	204	177	195	103	138	159	193	210	230	228	250	249	266	286	275	273	276	260	221	148	149	132	
04/22/10	84	73	69	79	72	76	91	147	209	243	256	269	226	245	217	221	227	240	277	245	284	84	167	196	
04/23/10	206	222	200	236	104	51	313	299	268	270	255	257	256	268	268	269	277	264	263	253	252	269	268	276	
04/24/10	95	75	51	64	33	50	52	104	174	239	243	249	268	264	264	258	269	265	267	284	319	13	46	4	
04/25/10	22	37	50	60	60	44	69	80	182	264	251	278	227	251	263	280	262	264	257	309	353	2	248	287	
04/26/10	303	316	46	49	56	55	317	193	194	272	202	263	280	257	265	249	264	245	256	319	350	356	295	291	
04/27/10	324	255	303	321	251	298	20	63	152	184	181	215	241	248	237	246	255	268	267	277	56	328	349	58	
04/28/10	321	302	62	61	58	53	63	102	182	214	210	246	243	240	242	237	240	233	225	236	251	197	214	202	
04/29/10	209	217	265	258	199	204	204	260	256	244	251	260	257	264	259	256	264	273	269	278	267	274	303	288	
04/30/10	41	222	28	261	38	293	5	163	160	261	272	268	259	263	251	249	264	257	274	294	312	10	48	48	
Hourly Averages		164	128	139	118	126	132	117	133	175	202	211	219	228	234	235	238	247	250	257	265	185	156	141	156
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 2010

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			
05/01/10	0.4	0.0	1.0	1.8	0.7	0.4	0.7	1.9	2.0	2.3	3.2	3.5	4.6	4.9	5.2	5.7	5.6	5.7	5.8	5.6	3.6	1.9	1.1	2.3	5.8	0.0	2.9
05/02/10	1.5	1.7	1.8	2.9	2.2	1.4	1.5	4.8	6.1	5.8	6.7	7.0	8.1	8.5	5.0	7.4	7.3	6.7	5.9	3.7	3.6	4.1	2.4	1.7	8.5	1.4	4.5
05/03/10	1.3	1.6	1.2	3.6	3.9	2.4	1.1	1.2	2.4	2.8	2.9	2.7	3.2	3.0	2.7	3.9	3.8	3.8	3.4	1.7	0.9	1.5	0.6	0.8	3.9	0.6	2.4
05/04/10	0.7	2.2	2.5	1.8	2.9	2.1	2.4	4.1	1.4	1.5	2.2	2.3	3.0	3.3	3.3	3.1	3.5	3.5	3.3	2.2	0.8	1.1	0.8	0.6	4.1	0.6	2.3
05/05/10	0.7	0.8	1.9	3.4	2.1	3.6	4.1	4.3	2.7	3.7	4.3	5.8	6.7	6.6	7.1	6.3	5.4	5.2	2.1	1.4	1.1	2.1	1.8	7.1	0.7	3.6	
05/06/10	1.4	1.6	1.5	1.9	2.4	2.1	1.9	1.9	5.3	5.8	5.2	5.1	5.5	6.4	6.1	5.6	5.7	5.8	4.8	2.7	1.1	0.7	0.2	0.3	6.4	0.2	3.4
05/07/10	0.8	2.1	1.2	1.4	2.5	3.4	3.8	3.1	2.3	2.1	3.5	2.7	3.5	3.6	3.9	4.3	3.5	3.2	2.4	1.7	1.0	1.0	1.0	1.5	4.3	0.8	2.5
05/08/10	1.9	1.8	2.0	2.7	3.2	2.5	2.2	1.3	1.2	3.2	4.1	4.9	4.8	4.3	5.4	4.8	5.0	4.7	3.8	2.0	0.8	1.2	1.3	1.6	5.4	0.8	2.9
05/09/10	1.8	1.4	1.4	1.7	2.1	2.3	2.1	2.6	3.4	2.6	3.8	4.6	5.4	6.5	6.0	6.3	5.7	5.0	4.7	4.5	3.6	3.5	5.2	5.9	6.5	1.4	3.8
05/10/10	6.9	6.6	5.3	3.8	1.9	1.0	1.3	1.3	2.1	2.1	2.6	2.7	3.6	5.0	4.1	4.4	4.5	4.2	3.2	2.2	1.6	1.2	1.1	0.5	6.9	0.5	3.0
05/11/10	0.4	0.4	0.9	1.3	1.2	0.8	1.1	2.6	4.5	4.9	5.4	6.1	7.4	6.9	7.2	7.5	6.8	6.0	4.9	4.6	3.4	1.1	1.4	0.7	7.5	0.4	3.6
05/12/10	1.1	0.7	0.5	0.8	1.9	1.2	1.2	1.7	1.4	2.7	4.0	4.4	4.4	4.6	4.7	5.0	4.2	4.5	3.5	2.2	1.3	2.5	1.3	1.0	5.0	0.5	2.5
05/13/10	0.7	0.6	0.5	2.3	1.5	2.2	3.8	2.7	3.5	2.3	2.7	2.4	3.5	3.0	4.0	2.8	2.9	3.4	3.5	2.3	2.5	1.8	0.7	0.7	4.0	0.5	2.3
05/14/10	0.9	1.5	1.8	1.4	1.1	1.9	1.1	2.1	1.9	2.0	2.6	3.6	3.8	3.8	4.4	4.6	4.1	3.8	3.0	2.1	1.6	0.5	0.7	0.8	4.6	0.5	2.3
05/15/10	0.8	1.0	2.3	1.3	1.8	4.5	2.3	1.2	1.6	2.2	2.2	3.3	3.4	3.3	3.2	4.0	3.3	4.4	3.3	1.9	0.4	1.9	1.3	1.3	4.5	0.4	2.3
05/16/10	1.2	1.4	1.9	1.3	3.0	2.9	0.8	1.0	1.1	2.4	3.4	2.8	5.0	5.2	4.2	3.6	3.8	3.6	3.8	1.8	1.3	1.1	1.1	1.8	5.2	0.8	2.5
05/17/10	0.9	2.0	2.5	1.7	1.1	1.2	2.8	3.0	3.2	4.6	4.8	5.9	6.9	5.7	6.4	6.2	6.4	5.9	5.7	3.1	1.2	1.1	2.4	1.5	6.9	0.9	3.6
05/18/10	2.5	1.1	0.9	1.2	1.3	1.9	1.3	1.4	3.0	3.0	3.7	4.3	5.5	6.0	6.2	5.9	5.5	5.2	4.7	3.4	1.3	0.4	1.9	2.1	6.2	0.4	3.1
05/19/10	1.0	0.6	0.8	1.5	0.5	0.4	0.1	0.5	1.4	2.1	3.0	3.1	3.4	4.4	3.9	4.4	4.3	4.5	4.1	2.2	1.5	1.2	1.1	0.2	4.5	0.1	2.1
05/20/10	0.1	0.8	0.3	0.3	1.8	2.2	1.7	1.6	0.8	1.8	3.0	2.9	3.7	3.3	3.9	3.2	3.9	3.7	3.1	2.1	1.6	0.9	0.2	1.3	3.9	0.1	2.0
05/21/10	0.7	1.9	2.6	2.5	2.3	1.6	2.6	3.1	1.8	3.0	3.1	5.3	5.2	5.3	5.1	6.3	5.8	5.9	5.6	5.6	3.2	1.0	1.1	1.2	6.3	0.7	3.4
05/22/10	1.1	1.2	1.7	1.5	1.5	1.2	1.7	3.4	4.9	5.4	6.7	5.9	7.2	6.7	6.6	6.6	6.8	5.8	4.7	3.6	1.1	1.4	1.0	1.4	7.2	1.0	3.7
05/23/10	1.5	1.1	1.5	2.8	2.4	1.6	0.6	1.7	5.7	5.9	5.4	6.7	6.4	5.4	6.4	5.2	6.0	6.6	6.4	5.1	4.7	3.9	3.4	2.6	6.7	0.6	4.1
05/24/10	2.6	1.5	1.1	1.7	0.9	1.7	1.3	0.7	1.5	2.4	2.3	3.5	3.5	3.3	3.3	3.1	3.8	4.0	4.1	2.3	1.0	0.9	1.0	0.6	4.1	0.6	2.2
05/25/10	0.3	0.2	0.4	2.4	2.2	2.8	1.4	1.2	1.4	2.0	2.1	2.5	3.5	2.9	3.1	3.6	3.4	4.1	3.6	2.4	1.0	1.8	1.2	1.4	4.1	0.2	2.1
05/26/10	2.2	0.8	1.2	1.0	1.0	1.9	2.6	1.2	1.5	1.8	2.7	4.2	3.7	3.4	4.3	4.5	4.4	4.3	3.8	1.9	0.9	0.1	1.1	0.8	4.5	0.1	2.3
05/27/10	1.4	1.4	0.8	0.4	1.7	2.1	1.0	1.8	1.6	1.4	1.9	2.4	3.2	3.9	4.3	4.7	4.0	4.4	3.4	1.9	1.6	1.7	2.3	1.8	4.7	0.4	2.3
05/28/10	2.1	1.2	1.6	1.1	1.2	1.9	1.6	1.3	1.2	2.2	2.0	3.1	4.6	4.5	4.4	5.9	4.3	4.2	5.1	4.0	1.5	1.0	1.2	1.3	5.9	1.0	2.6
05/29/10	0.9	1.0	1.4	0.1	0.2	1.6	1.3	1.3	1.3	1.8	2.2	3.0	3.5	3.9	4.0	4.3	4.8	4.6	4.5	2.3	1.4	1.2	0.6	1.2	4.8	0.1	2.2
05/30/10	0.9	0.8	0.9	0.2	0.8	1.4	1.2	0.9	1.0	1.6	2.0	2.8	3.7	3.8	4.8	4.9	4.3	4.0	3.7	2.3	1.9	1.6	1.2	1.4	4.9	0.2	2.2
05/31/10	0.8	0.8	1.0	1.3	1.5	1.7	1.5	0.8	1.5	2.7	2.3	3.0	4.3	4.2	5.1	4.7	4.8	4.7	3.8	2.2	1.0	0.9	0.2	0.7	5.1	0.2	2.3

Hourly Averages

1.3 1.3 1.5 1.7 1.8 1.9 1.7 2.0 2.4 2.9 3.4 3.9 4.6 4.7 4.8 5.0 4.8 4.7 4.2 2.8 1.7 1.5 1.4 1.4

Maximum Hourly Wind Speed: 8.5 Minimum Hourly Wind Speed: 0.0 Average Monthly Wind Speed: 2.8

Maximum 24-Hour Mean: 4.5 Minimum 24-Hour Mean: 2.0

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 2010

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
05/01/10	40	187	44	38	13	339	57	121	190	214	240	252	257	250	266	279	269	257	254	251	251	276	299	226
05/02/10	116	155	146	140	158	135	172	201	202	214	234	246	267	275	290	287	318	319	310	339	27	54	49	36
05/03/10	330	25	283	60	64	38	349	76	210	155	146	189	230	233	269	241	252	280	271	298	6	9	294	258
05/04/10	347	48	48	39	56	35	42	83	182	220	236	246	274	257	259	263	264	259	265	307	355	31	19	314
05/05/10	301	16	44	63	39	52	78	83	103	200	183	198	208	221	242	238	255	263	274	264	65	56	83	76
05/06/10	24	87	87	40	54	69	57	136	214	205	226	249	247	240	239	260	275	266	272	276	315	345	258	30
05/07/10	50	48	34	34	60	63	71	79	128	167	214	190	144	203	257	260	260	261	290	332	351	262	7	46
05/08/10	45	44	61	66	89	54	50	75	135	159	177	177	200	212	226	242	231	233	236	270	35	53	65	59
05/09/10	61	60	74	40	47	56	64	104	163	158	205	215	232	229	253	247	257	269	252	245	248	239	251	232
05/10/10	228	230	246	264	292	17	20	31	139	222	219	255	240	248	256	239	253	249	247	282	304	42	53	314
05/11/10	322	26	15	79	100	110	83	196	244	276	261	243	247	263	257	252	258	268	274	278	291	261	53	27
05/12/10	24	34	1	22	20	38	54	158	115	248	265	270	259	245	275	273	279	263	288	277	10	47	19	270
05/13/10	262	12	12	45	9	349	81	46	58	219	58	9	170	313	184	200	255	267	279	327	5	39	274	345
05/14/10	349	41	59	52	302	35	47	86	170	213	277	288	275	262	222	252	232	266	261	311	358	125	271	299
05/15/10	308	321	29	288	63	79	355	271	227	221	268	185	272	219	218	223	281	255	265	296	348	7	323	17
05/16/10	20	343	17	49	52	77	286	333	218	207	217	222	178	180	188	218	191	237	220	245	39	8	42	38
05/17/10	104	62	73	74	30	10	56	123	155	147	167	180	177	182	206	217	233	244	251	267	290	84	151	110
05/18/10	149	255	226	161	81	68	60	98	224	210	239	255	237	243	249	257	252	266	274	269	306	36	14	18
05/19/10	203	37	18	53	30	358	31	156	234	258	263	227	253	265	258	261	267	254	262	272	330	1	22	0
05/20/10	310	13	285	311	31	25	27	177	225	210	223	276	247	225	235	266	262	248	256	320	30	12	314	35
05/21/10	39	46	56	55	56	351	74	106	149	196	171	200	239	211	223	225	248	251	229	232	266	338	2	245
05/22/10	83	242	122	351	48	149	275	237	204	203	203	216	206	210	230	242	259	262	263	261	270	117	67	45
05/23/10	54	68	170	152	137	117	54	125	210	219	223	222	246	236	253	258	255	259	267	260	258	259	256	259
05/24/10	264	280	354	51	4	46	358	267	237	295	319	244	234	232	247	247	246	262	252	270	327	322	35	350
05/25/10	18	330	358	42	54	48	53	145	189	228	209	229	225	229	251	266	274	267	271	292	336	43	309	49
05/26/10	41	350	10	28	360	39	53	148	172	215	179	192	223	206	242	271	262	259	289	303	33	50	353	46
05/27/10	32	40	8	0	27	43	56	71	204	241	245	265	249	227	213	258	249	261	257	285	323	59	53	38
05/28/10	43	28	58	36	27	56	55	148	227	256	238	263	235	237	233	237	241	265	274	274	261	105	57	38
05/29/10	327	292	44	355	52	67	329	119	168	239	269	272	269	271	267	268	256	261	252	284	338	58	326	2
05/30/10	36	360	41	26	15	30	31	165	196	233	240	240	258	260	259	259	254	254	278	317	359	310	287	37
05/31/10	2	24	360	16	54	39	49	125	185	224	238	224	249	255	247	261	244	266	268	302	357	17	288	340

Hourly Averages

146	132	109	98	78	97	111	138	183	215	221	224	234	237	242	251	256	261	265	284	229	118	158	135
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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 2010

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				
06/01/10	1.2	1.9	1.5	1.5	2.0	2.5	1.8	1.2	1.3	2.6	3.3	3.7	4.5	4.9	5.4	5.5	5.1	4.5	5.0	3.7	1.8	1.1	0.8	1.1	5.5	0.8	2.8	
06/02/10	1.0	1.2	1.2	0.9	0.9	0.6	0.3	0.6	2.1	3.0	3.0	3.4	3.9	3.9	4.0	4.1	4.3	3.6	2.1	1.0	0.7	0.6	0.2	4.3	0.2	2.0		
06/03/10	0.1	1.1	2.2	1.9	1.9	1.3	1.1	0.7	1.3	1.9	2.6	2.4	3.3	3.9	4.5	4.1	4.0	4.1	3.5	2.3	1.3	2.2	1.1	1.5	4.5	0.1	2.3	
06/04/10	1.2	0.5	0.7	1.1	1.3	1.4	1.4	0.5	1.3	1.7	1.9	3.1	3.8	4.1	4.7	4.1	4.6	4.4	4.0	2.4	1.6	1.9	1.4	0.2	4.7	0.2	2.2	
06/05/10	0.5	1.0	0.7	0.6	1.3	2.6	1.9	0.5	1.0	1.9	2.9	3.7	3.7	4.2	4.0	4.0	4.2	4.0	4.0	2.5	0.8	0.5	0.8	0.3	4.2	0.3	2.1	
06/06/10	0.8	0.9	1.1	1.3	0.4	0.6	1.1	0.8	1.4	1.7	2.5	4.1	4.0	3.9	4.6	4.7	4.9	4.8	4.3	2.9	1.0	1.6	0.9	1.3	4.9	0.4	2.3	
06/07/10	0.7	0.3	0.9	1.1	0.7	1.8	1.3	0.7	0.5	1.4	1.6	2.0	3.1	3.6	3.9	4.5	4.7	4.6	4.5	2.6	1.2	0.9	1.2	0.7	4.7	0.3	2.0	
06/08/10	0.4	0.8	1.2	0.7	0.8	1.3	1.2	1.3	2.0	1.8	2.1	3.3	4.0	4.5	4.7	4.5	4.0	4.3	4.3	2.7	1.6	2.2	0.7	1.1	4.7	0.4	2.3	
06/09/10	0.9	1.6	1.3	1.5	1.7	1.2	1.2	1.1	1.9	2.1	2.0	3.2	3.3	3.8	3.8	4.6	4.6	4.0	3.9	2.3	0.9	0.9	1.3	1.4	4.6	0.9	2.3	
06/10/10	1.2	2.2	1.6	1.9	2.2	1.5	1.8	2.1	2.0	3.8	4.7	5.0	5.0	4.8	5.9	5.9	6.1	6.0	6.5	5.5	4.9	2.4	1.2	1.1	6.5	1.1	3.5	
06/11/10	0.9	1.1	1.7	1.0	2.8	2.7	3.0	2.6	5.4	5.6	6.7	6.9	7.4	6.9	7.3	7.0	7.0	4.5	6.7	5.3	3.0	2.7	2.1	7.4	0.9	4.5		
06/12/10	1.5	1.4	0.7	1.0	0.5	0.9	2.8	2.5	3.8	5.4	5.0	4.8	5.8	5.7	5.3	5.7	5.6	4.7	4.4	3.9	1.8	2.4	1.7	1.3	5.8	0.5	3.3	
06/13/10	0.9	1.2	0.6	0.9	1.3	1.8	1.3	0.9	1.4	2.3	3.7	4.3	3.8	4.1	4.0	5.1	4.6	4.3	3.7	2.9	1.4	0.8	1.0	0.2	5.1	0.2	2.4	
06/14/10	0.4	0.0	0.0	0.0	0.3	1.7	1.2	1.7	1.5	2.0	2.8	2.7	2.8	3.4	4.1	3.9	4.4	3.8	3.5	2.6	1.7	1.2	1.3	1.8	4.4	0.0	2.0	
06/15/10	0.5	1.0	1.6	1.2	1.0	2.0	1.5	3.1	1.7	1.9	2.9	4.7	4.5	4.3	4.6	4.6	4.6	5.0	4.2	3.5	2.1	1.2	0.5	0.8	1.5	5.0	0.5	2.5
06/16/10	2.4	1.8	0.8	1.3	1.3	1.8	1.8	1.3	2.0	3.3	3.0	4.7	6.2	5.9	5.5	5.8	6.0	5.2	4.5	2.6	0.8	0.6	1.1	1.8	6.2	0.6	3.0	
06/17/10	1.8	1.4	0.4	0.4	0.1	0.9	2.8	1.0	1.7	2.1	2.9	3.4	3.7	4.3	4.3	4.4	3.9	3.3	2.4	2.4	2.0	1.2	1.7	4.4	0.1	2.3		
06/18/10	1.6	0.7	0.9	0.6	0.8	1.7	3.2	4.0	2.0	2.9	2.9	3.1	3.7	4.5	5.3	5.2	5.3	5.1	4.9	3.1	0.6	1.2	1.3	1.5	5.3	0.6	2.7	
06/19/10	1.5	0.9	0.9	0.9	1.4	1.8	1.6	2.5	2.9	3.1	3.8	3.7	4.1	4.5	5.4	5.2	4.1	4.1	2.9	1.5	0.7	0.4	1.6	1.4	5.4	0.4	2.5	
06/20/10	0.3	0.3	2.0	1.6	1.4	1.4	2.3	1.5	1.4	3.7	3.5	2.8	3.4	3.5	4.2	4.4	4.9	4.0	3.2	2.0	1.4	0.9	1.3	1.2	4.9	0.3	2.4	
06/21/10	0.7	1.6	1.5	2.1	1.4	1.4	1.0	1.0	1.3	2.3	3.9	3.1	4.4	4.4	4.7	4.6	6.2	5.4	5.4	4.3	2.4	1.3	1.8	1.2	6.2	0.7	2.8	
06/22/10	1.3	0.9	1.5	1.7	2.5	3.3	1.8	1.1	1.4	1.5	2.7	2.8	2.8	3.6	3.3	3.8	3.4	3.5	3.6	2.2	1.6	2.0	0.7	0.9	3.8	0.7	2.3	
06/23/10	0.3	1.4	2.3	3.2	2.0	2.3	1.3	1.6	1.3	2.0	2.1	2.7	2.1	3.0	3.4	3.7	3.6	3.6	4.1	2.7	0.4	1.2	0.8	0.4	4.1	0.3	2.2	
06/24/10	0.2	1.8	0.3	2.1	0.7	3.8	4.2	2.1	1.8	2.5	3.3	4.4	4.1	4.6	4.2	5.0	4.8	4.5	3.6	2.3	3.8	6.3	6.2	4.8	6.3	0.2	3.4	
06/25/10	3.7	3.9	4.5	5.7	5.1	4.4	4.3	5.2	6.0	3.8	2.6	3.3	2.7	2.5	3.5	4.1	4.8	4.4	3.8	2.8	0.8	1.2	1.6	0.8	6.0	0.8	3.6	
06/26/10	1.0	1.4	2.0	2.1	0.7	2.1	2.0	1.4	1.6	2.7	3.5	4.4	4.8	5.5	5.7	5.4	4.7	5.6	5.1	3.7	1.2	1.7	2.3	1.9	5.7	0.7	3.0	
06/27/10	2.6	3.3	3.3	3.3	3.8	3.6	1.4	0.8	1.2	1.5	2.7	4.0	3.5	3.5	4.0	3.5	3.6	3.7	3.6	2.2	1.6	0.4	1.5	1.5	4.0	0.4	2.7	
06/28/10	1.3	0.8	0.5	1.9	1.2	1.2	3.2	2.3	2.8	4.3	2.6	4.0	5.8	3.3	3.8	7.7	10.3	11.4	8.0	4.5	3.5	4.0	3.4	5.4	11.4	0.5	4.0	
06/29/10	3.5	4.5	4.6	5.9	5.2	4.9	5.9	5.5	5.7	3.7	4.6	3.8	5.4	3.9	3.0	5.5	4.1	5.4	10.1	10.8	9.9	6.5	5.4	10.8	3.0	5.5		
06/30/10	5.6	6.3	6.3	4.6	5.5	7.6	7.6	6.6	5.8	6.4	5.7	4.6	5.1	4.5	3.7	4.1	6.6	7.3	9.7	9.7	8.4	7.6	6.3	5.3	9.7	3.7	6.3	

Hourly Averages

1.3 1.6 1.6 1.8 1.7 2.2 2.2 1.9 2.2 2.8 3.2 3.7 4.1 4.2 4.5 4.7 5.0 4.8 4.5 3.4 2.3 2.1 1.8 1.7

Maximum Hourly Wind Speed: 11.4 Minimum Hourly Wind Speed: 0.0 Average Monthly Wind Speed: 2.9

Maximum 24-Hour Mean: 6.3 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 2010

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	
06/01/10	49	51	40	49	52	51	55	105	186	237	233	258	236	235	240	251	245	256	253	248	280	12	51	61	
06/02/10	51	61	349	344	300	287	280	169	234	263	231	195	262	269	272	266	245	276	286	304	349	286	215	10	
06/03/10	303	338	53	48	58	39	35	192	229	234	258	256	245	270	265	274	259	278	264	307	340	17	355	8	
06/04/10	288	357	307	57	23	21	47	142	189	271	288	241	249	265	257	274	272	266	273	292	321	338	49	38	
06/05/10	24	35	331	326	41	47	37	180	207	238	258	253	254	263	272	268	276	279	270	280	327	105	244	248	
06/06/10	348	253	336	18	338	31	28	154	210	241	256	248	266	268	249	266	262	265	259	284	316	14	51	34	
06/07/10	22	30	334	21	30	53	32	144	171	207	232	259	272	259	252	254	267	273	281	290	325	358	341	267	
06/08/10	53	63	54	331	37	21	51	104	187	203	185	271	258	262	272	269	279	266	275	294	337	339	73	39	
06/09/10	0	341	341	49	52	61	53	105	137	103	283	175	212	276	248	258	242	250	241	258	32	52	229	57	
06/10/10	60	117	125	353	332	5	33	325	156	205	213	219	211	218	224	229	220	242	241	230	243	258	308	152	
06/11/10	131	161	164	111	142	151	141	127	179	204	205	203	221	219	226	237	232	246	268	244	245	217	157	161	
06/12/10	151	115	115	12	166	339	344	336	169	175	200	225	228	239	220	215	256	257	281	279	278	329	17	74	
06/13/10	318	5	26	318	30	42	63	198	179	245	243	229	260	262	254	255	267	265	271	274	313	339	17	28	
06/14/10	355	309	0	0	46	43	9	227	238	223	267	309	220	228	238	262	286	279	271	284	320	330	9	37	
06/15/10	353	346	321	277	29	39	337	95	241	227	205	175	202	223	230	243	259	246	248	291	338	251	342	44	
06/16/10	44	35	58	49	2	39	63	129	155	203	166	197	223	233	220	235	228	230	258	257	19	350	53	55	
06/17/10	47	28	339	183	329	41	54	143	204	187	188	177	243	254	274	260	269	264	265	310	5	349	345	54	
06/18/10	32	312	37	2	289	57	63	72	182	211	203	217	223	245	255	227	229	223	258	254	299	293	39	52	
06/19/10	31	349	346	24	38	48	51	102	147	194	222	192	227	231	250	255	247	257	244	278	337	300	44	46	
06/20/10	43	21	50	59	48	336	337	11	181	165	155	180	207	228	261	263	227	248	269	314	356	51	35	22	
06/21/10	48	58	56	55	35	37	16	93	186	130	161	202	229	246	265	231	227	225	235	235	196	101	64	25	
06/22/10	60	88	21	346	48	51	85	114	217	171	197	259	236	256	254	248	263	265	274	293	7	32	290	291	
06/23/10	323	45	47	61	35	47	40	103	227	289	285	235	196	242	262	276	248	267	266	277	44	52	50	30	
06/24/10	3	47	23	44	329	72	97	140	263	172	154	181	194	261	255	260	273	273	292	39	93	91	75		
06/25/10	69	81	107	79	71	216	86	54	62	67	83	183	235	126	232	257	244	251	258	291	304	81	56	18	
06/26/10	51	48	57	64	30	66	58	78	260	213	175	212	244	241	234	250	241	252	243	243	76	56	60	59	
06/27/10	57	76	81	71	71	76	55	99	192	244	212	203	142	259	280	295	294	269	257	300	353	31	36	22	
06/28/10	317	310	7	45	304	33	72	250	154	89	95	176	188	215	14	81	74	70	66	99	116	26	275	41	
06/29/10	348	114	82	61	83	51	38	65	46	123	162	136	160	163	145	133	320	12	18	64	73	62	41	68	
06/30/10	89	99	87	90	81	71	84	78	100	92	81	103	158	163	187	331	36	28	79	71	63	64	61	45	
Hourly Averages		135	143	143	118	116	82	91	138	183	194	203	212	223	237	237	247	243	236	241	258	222	173	133	72
Total Number of Observations: 720 Possible Number of Observations: 720												INV = Invalid Data												ND = No Data Collection	

APPENDIX KC2-B

HOURLY SIGMA THETA DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE
APRIL 2010

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

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 2010

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

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 2010

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
06/01/10	18	20	48	18	15	15	29	32	51	55	38	36	39	29	26	25	27	18	17	14	27	61	43	23
06/02/10	21	31	63	35	52	40	25	40	26	56	45	57	57	33	36	27	29	21	15	16	21	26	36	19
06/03/10	19	56	10	12	12	35	30	35	38	51	44	55	36	38	35	39	26	28	19	26	20	17	38	25
06/04/10	73	24	56	21	26	39	22	24	64	54	60	31	39	27	33	28	20	19	17	18	14	28	73	12
06/05/10	21	33	29	33	61	16	16	21	38	42	29	34	28	36	29	25	27	17	16	17	45	42	38	21
06/06/10	41	74	31	19	28	9	36	44	70	40	43	24	27	30	25	21	22	16	13	20	30	50	13	33
06/07/10	56	21	33	47	19	15	54	62	28	37	49	61	40	28	33	28	23	20	15	15	22	43	31	57
06/08/10	8	19	28	33	42	55	19	32	45	70	62	43	37	29	19	25	26	23	14	18	18	17	55	16
06/09/10	54	23	59	16	15	32	57	25	46	65	65	57	41	47	36	30	28	20	23	29	42	53	87	38
06/10/10	47	31	44	51	33	58	30	43	64	27	26	23	24	29	30	33	31	17	17	14	14	15	60	59
06/11/10	60	44	33	47	30	15	17	25	18	26	19	17	26	27	24	23	20	17	20	13	15	56	29	36
06/12/10	43	53	62	49	41	41	20	36	45	23	32	34	38	24	32	23	23	26	15	15	22	22	44	65
06/13/10	65	31	53	67	55	22	46	28	40	41	26	36	43	28	34	22	27	29	17	14	22	25	24	33
06/14/10	30	12	0	0	4	35	57	70	38	84	43	61	57	55	34	40	32	26	19	15	14	16	50	31
06/15/10	58	46	80	26	25	28	55	54	43	59	40	29	37	37	40	30	27	25	22	30	16	27	38	19
06/16/10	44	14	42	18	60	31	19	52	40	40	47	27	26	27	26	27	24	25	22	23	64	21	18	14
06/17/10	13	30	24	28	6	15	16	58	25	42	45	53	47	45	35	24	20	24	22	20	20	70	66	49
06/18/10	29	37	15	25	47	17	14	12	43	31	40	45	51	36	22	40	33	28	16	23	42	58	41	22
06/19/10	26	26	42	31	38	32	18	17	40	33	39	38	34	33	19	19	31	25	22	36	25	21	49	16
06/20/10	6	18	12	17	29	44	17	65	61	30	28	49	37	56	39	29	26	25	18	27	24	67	16	37
06/21/10	58	26	19	12	33	53	51	48	38	51	36	50	34	33	24	28	29	21	19	20	34	53	21	52
06/22/10	48	51	43	65	11	12	70	47	40	64	35	76	42	46	45	31	27	25	16	26	18	37	23	52
06/23/10	8	44	34	23	35	19	52	30	47	35	45	47	51	44	43	34	28	29	16	15	27	20	11	15
06/24/10	13	14	11	38	43	16	29	40	45	81	39	28	46	38	36	31	29	18	16	15	54	29	33	36
06/25/10	75	77	53	48	58	32	70	42	24	51	36	24	62	43	58	43	31	27	23	14	21	76	30	28
06/26/10	12	11	44	23	44	27	18	38	44	44	37	42	26	32	25	25	28	23	23	13	46	20	16	38
06/27/10	19	13	17	12	12	11	55	45	37	55	52	49	53	62	42	48	45	42	17	24	20	49	14	49
06/28/10	34	32	27	13	51	43	40	59	66	36	85	32	27	50	99	45	29	13	15	72	71	50	78	45
06/29/10	80	52	53	57	51	59	53	50	48	54	32	55	19	42	48	64	70	56	44	20	13	13	29	35
06/30/10	27	25	30	41	46	24	27	36	39	30	35	52	20	38	37	25	26	18	17	15	18	20	23	36

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 2010

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			
04/01/10	14.7	13.5	12.9	12.3	11.1	8.8	6.9	8.0	8.5	9.3	10.5	11.2	11.9	12.2	12.5	12.7	13.1	12.9	12.3	11.3	11.0	10.7	10.4	9.8	14.7	6.9	11.2
04/02/10	9.1	9.2	8.6	8.2	7.5	7.3	7.1	7.2	9.4	10.5	11.9	12.9	13.8	14.5	14.8	15.0	15.0	14.8	14.2	13.4	12.7	12.4	12.4	12.2	15.0	7.1	11.4
04/03/10	11.7	11.9	11.9	12.2	12.4	11.7	11.6	12.3	13.5	15.4	16.4	17.3	18.1	19.4	20.2	20.9	20.5	20.1	19.6	19.1	17.7	16.9	16.4	16.3	20.9	11.6	16.0
04/04/10	16.2	16.2	15.4	16.1	14.2	14.3	14.2	14.6	16.2	17.7	18.4	19.5	20.6	21.3	21.9	22.1	22.3	22.2	21.8	21.1	20.1	19.1	19.3	19.3	22.3	14.2	18.5
04/05/10	17.9	17.8	17.3	16.7	16.2	15.9	15.7	16.1	17.2	18.4	19.4	20.5	21.0	21.5	22.5	22.4	22.2	21.6	20.4	18.7	17.2	15.7	14.8	14.0	22.5	14.0	18.4
04/06/10	13.4	12.6	11.8	11.4	11.0	10.7	10.4	10.9	11.8	13.3	14.4	15.4	16.3	17.5	18.5	18.4	18.7	18.7	18.0	16.7	15.8	14.8	14.7	15.1	18.7	10.4	14.6
04/07/10	14.6	14.0	13.7	13.0	12.5	11.7	11.1	11.1	11.4	12.3	13.4	14.5	15.6	17.2	18.4	19.4	20.0	20.4	20.2	19.0	17.6	17.3	16.8	17.8	20.4	11.1	15.5
04/08/10	17.5	18.3	17.9	17.4	17.0	16.8	16.5	16.8	17.7	18.5	19.6	21.0	22.4	23.3	23.8	24.3	24.7	24.8	23.9	22.3	21.2	20.4	19.6	18.8	24.8	16.5	20.2
04/09/10	18.3	17.6	17.3	16.8	16.3	15.6	16.3	16.7	18.5	20.1	21.6	22.1	23.2	24.0	24.1	24.2	24.2	24.1	23.5	23.5	21.6	19.5	19.4	19.2	24.2	15.6	20.3
04/10/10	18.8	18.4	17.6	17.4	17.9	18.0	17.8	18.2	19.4	20.8	21.6	22.4	23.2	24.1	24.5	24.7	25.0	24.9	24.6	23.8	22.4	22.0	21.4	20.7	25.0	17.4	21.2
04/11/10	19.8	19.1	19.1	17.8	17.3	18.1	18.1	17.7	19.4	21.1	22.9	23.3	24.2	25.1	25.7	26.0	26.0	25.9	25.4	24.2	23.1	22.5	21.2	20.3	26.0	17.3	21.8
04/12/10	19.8	18.8	17.8	16.8	17.0	16.9	17.2	17.9	18.5	19.7	21.0	21.6	22.2	22.5	23.7	24.7	24.5	22.8	20.3	18.5	17.5	16.4	14.7	13.7	24.7	13.7	19.4
04/13/10	13.6	13.4	13.1	12.7	12.2	11.8	11.4	11.4	12.4	13.8	15.3	16.3	17.3	17.8	18.5	18.8	18.8	18.8	18.3	17.4	16.7	15.9	15.5	15.2	18.8	11.4	15.3
04/14/10	14.7	14.6	15.1	15.5	15.4	15.2	14.8	15.8	17.2	19.3	19.8	20.8	21.6	21.8	22.3	22.5	22.4	22.2	21.5	20.6	19.3	18.7	18.2	17.7	22.5	14.6	18.6
04/15/10	17.4	16.6	16.7	16.6	16.9	16.5	16.5	17.0	18.6	21.5	23.3	24.2	25.2	25.8	26.3	26.6	26.7	26.7	26.0	24.7	23.7	23.0	22.1	22.2	26.7	16.5	21.7
04/16/10	21.8	21.6	20.8	20.4	19.9	19.5	19.3	19.5	20.4	22.0	22.5	23.1	23.6	23.6	23.7	24.3	24.1	23.3	22.9	22.1	21.3	20.9	19.5	19.1	24.3	19.1	21.6
04/17/10	19.2	19.0	18.1	18.4	18.1	18.4	19.0	19.8	20.9	22.2	23.3	24.1	25.2	25.8	26.6	26.9	26.8	26.2	25.4	24.4	23.4	23.1	22.6	21.9	26.9	18.1	22.4
04/18/10	20.6	21.2	21.3	21.0	20.1	20.3	20.6	21.4	22.1	23.6	24.9	26.0	26.7	27.5	28.1	28.0	27.8	27.6	27.0	26.0	25.4	24.4	23.8	23.2	28.1	20.1	24.1
04/19/10	22.6	23.0	20.0	20.8	19.9	18.8	19.2	18.8	19.8	20.6	21.4	21.6	21.1	21.9	22.8	23.5	23.4	23.9	23.5	22.8	22.7	22.1	21.1	21.1	23.9	18.8	21.5
04/20/10	20.3	19.5	19.2	18.4	17.4	17.0	17.2	17.9	19.5	20.6	21.7	22.7	23.6	24.4	24.8	25.0	25.3	25.2	24.9	23.9	23.3	22.8	22.8	21.8	25.3	17.0	21.6
04/21/10	20.8	20.5	19.8	18.9	17.9	17.1	17.1	17.2	17.0	17.4	18.0	18.2	17.4	17.5	15.0	13.0	12.5	12.0	10.8	10.6	10.8	10.4	9.2	20.8	9.2	15.4	
04/22/10	8.2	7.5	7.5	7.5	7.4	7.5	7.7	8.4	9.9	10.8	11.0	11.2	11.9	12.5	12.4	12.6	12.2	11.5	10.2	9.6	8.5	8.0	7.6	12.6	7.4	9.6	
04/23/10	7.4	7.2	6.9	7.2	6.5	6.4	6.4	7.3	8.1	9.0	10.1	11.1	11.8	12.6	13.0	13.8	14.1	14.5	14.5	14.3	14.4	14.3	14.1	13.5	14.5	6.4	10.8
04/24/10	12.5	11.5	10.9	10.7	10.3	10.0	9.8	10.8	11.8	13.4	15.2	16.4	17.5	18.1	19.1	19.8	20.2	20.5	20.2	19.2	18.9	18.7	17.3	17.1	20.5	9.8	15.4
04/25/10	17.2	16.3	16.7	15.8	15.7	15.3	15.4	17.0	18.5	20.1	21.5	22.3	23.5	24.4	25.0	25.0	25.1	25.0	24.5	23.6	23.0	22.6	21.2	20.7	25.1	15.3	20.6
04/26/10	20.8	20.7	20.5	20.2	19.3	18.6	17.5	19.0	21.1	22.5	24.2	25.3	25.9	26.5	27.0	27.2	27.3	26.9	25.9	25.1	24.8	24.2	23.0	21.5	27.3	17.5	23.1
04/27/10	22.5	21.8	21.3	21.3	21.1	20.2	19.7	21.2	22.6	23.7	24.6	26.0	26.7	27.5	27.6	27.9	27.8	27.7	27.2	26.0	25.0	24.5	24.0	23.3	27.9	19.7	24.2
04/28/10	23.0	22.1	21.4	20.7	20.3	20.0	19.7	19.9	20.8	22.1	23.2	24.2	25.1	25.9	26.7	27.5	27.4	27.0	26.0	24.8	22.9	22.1	21.2	20.0	27.5	19.7	23.1
04/29/10	19.1	18.0	16.4	15.1	14.5	14.2	14.1	13.1	12.2	13.2	14.0	14.3	14.8	14.7	14.8	14.9	14.8	14.6	14.3	13.7	13.2	12.9	12.3	11.5	19.1	11.5	14.4
04/30/10	10.9	10.6	10.3	9.7	9.3	8.2	7.9	9.1	10.3	11.7	12.5	13.2	14.0	14.6	15.1	15.5	15.8	15.9	15.6	14.8	14.4	14.1	13.7	12.8	15.9	7.9	12.5

Hourly Averages

16.8 16.4 15.9 15.6 15.1 14.7 14.5 15.1 16.2 17.5 18.6 19.4 20.2 20.8 21.3 21.6 21.6 21.4 20.8 19.8 19.0 18.3 17.7 17.2

Maximum Hourly Temperature: 28.1

Minimum Hourly Temperature: 6.4

Average Monthly Temperature: 18.1

Maximum 24-Hour Mean: 24.2

Minimum 24-Hour Mean: 9.6

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 2010

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			
04/01/10	-0.099	-0.159	-0.129	-0.136	-0.073	-0.064	-0.044	-0.061	-0.397	-0.722	-1.063	-1.099	-1.123	-1.296	-1.273	-1.175	-0.997	-0.653	-0.269	-0.053	0.068	0.338	0.882	0.515	0.882	-1.296	-0.378
04/02/10	0.663	1.045	0.943	1.332	1.046	1.007	0.754	-0.077	-0.603	-0.890	-0.960	-1.127	-1.431	-1.283	-1.173	-1.034	-0.935	-0.600	-0.266	0.143	0.276	0.193	0.159	0.452	1.332	-1.431	-0.099
04/03/10	0.379	0.296	0.433	0.286	0.388	0.424	0.277	-0.086	-0.477	-0.794	-1.099	-1.332	-1.061	-1.306	-1.419	-1.349	-0.993	-0.622	-0.217	0.155	0.621	0.470	0.725	1.339	1.339	-1.419	-0.207
04/04/10	1.354	1.639	1.519	2.301	0.772	1.579	0.473	-0.116	-0.707	-1.049	-1.135	-1.202	-1.389	-1.527	-1.358	-1.119	-0.922	-0.612	-0.229	0.218	0.382	0.307	0.733	1.057	2.301	-1.527	0.040
04/05/10	0.499	0.751	0.990	0.931	0.891	1.201	1.374	-0.036	-0.565	-1.001	-1.323	-1.532	-1.431	-1.348	-1.275	-1.208	-0.913	-0.585	-0.175	-0.009	0.050	0.087	0.030	0.017	1.374	-1.532	-0.191
04/06/10	0.072	0.179	0.115	0.179	0.189	0.445	0.362	-0.220	-0.679	-0.871	-0.715	-0.854	-1.174	-1.235	-1.115	-1.072	-0.893	-0.523	-0.200	0.004	0.166	0.477	0.796	0.926	0.926	-1.235	-0.235
04/07/10	0.248	0.186	0.176	0.080	0.078	0.117	0.087	-0.162	-0.644	-1.061	-0.955	-1.031	-0.989	-1.156	-1.029	-0.946	-0.666	-0.366	-0.106	0.210	0.374	0.509	0.546	0.415	0.546	-1.156	-0.254
04/08/10	0.305	0.188	0.184	0.176	0.177	0.220	0.248	-0.074	-0.419	-0.654	-0.948	-1.416	-1.424	-1.302	-1.184	-1.055	-0.859	-0.503	-0.183	0.173	1.545	1.213	1.076	1.071	1.545	-1.424	-0.144
04/09/10	1.247	1.467	1.150	1.090	0.650	0.570	1.168	0.207	-0.502	-0.749	-1.133	-1.191	-1.077	-1.477	-1.258	-1.089	-0.849	-0.601	-0.186	0.180	0.589	0.854	1.101	1.252	1.467	-1.477	0.059
04/10/10	1.429	1.354	1.057	0.749	0.556	0.490	0.414	-0.206	-0.744	-0.844	-1.093	-1.292	-1.237	-1.345	-1.259	-1.219	-0.986	-0.571	-0.204	1.058	1.162	1.022	1.290	1.831	1.831	-1.345	0.059
04/11/10	1.888	1.645	1.768	1.331	1.038	0.572	0.492	-0.087	-0.579	-0.715	-1.209	-1.298	-1.317	-1.407	-1.388	-1.193	-0.966	-0.637	-0.173	0.181	0.534	0.580	0.605	0.963	1.888	-1.407	0.026
04/12/10	1.189	0.952	0.655	1.089	0.951	0.869	0.826	-0.143	-0.639	-0.914	-1.346	-1.413	-1.424	-1.377	-1.452	-1.334	-0.932	-0.624	-0.325	-0.052	0.069	0.005	0.007	0.089	1.189	-1.452	-0.220
04/13/10	0.093	0.011	-0.037	-0.095	-0.054	-0.077	-0.084	-0.209	-0.573	-0.842	-1.075	-1.234	-1.413	-1.194	-1.171	-1.190	-0.918	-0.710	-0.446	-0.136	0.082	0.331	0.236	0.489	0.489	-1.413	-0.426
04/14/10	0.632	0.746	0.573	0.293	0.341	0.366	0.373	-0.178	-0.758	-1.079	-1.140	-1.264	-1.301	-1.039	-1.137	-1.185	-0.888	-0.649	-0.248	-0.028	0.332	0.751	0.822	0.686	0.822	-1.301	-0.207
04/15/10	1.117	1.102	1.187	1.088	1.277	1.239	1.161	-0.108	-0.505	-0.671	-0.673	-1.237	-1.127	-1.272	-1.222	-1.097	-0.862	-0.639	-0.228	0.073	1.029	0.840	0.807	1.193	1.277	-1.272	0.103
04/16/10	0.717	1.140	1.025	1.240	0.764	0.692	0.880	-0.168	-0.549	-0.623	-0.682	-0.778	-0.649	-0.573	-0.602	-0.589	-0.472	-0.259	-0.126	0.153	0.895	0.994	0.910	1.147	1.240	-0.778	0.187
04/17/10	0.938	1.491	1.005	0.937	1.054	0.686	0.438	-0.050	-0.550	-0.725	-1.112	-0.991	-1.170	-1.149	-1.302	-1.048	-0.865	-0.562	-0.245	0.024	0.497	0.900	0.958	0.532	1.491	-1.302	-0.013
04/18/10	0.584	1.006	1.492	1.133	0.750	0.916	0.743	-0.007	-0.494	-0.720	-0.841	-1.251	-1.159	-1.248	-1.222	-1.167	-0.890	-0.648	-0.285	0.056	0.584	1.154	0.938	0.788	1.492	-1.251	0.009
04/19/10	1.536	0.811	0.564	1.111	0.420	0.282	0.453	0.054	-0.222	-0.519	-0.604	-0.895	-0.549	-0.824	-0.909	-0.964	-0.568	-0.629	-0.336	-0.092	0.146	0.942	0.335	0.325	1.536	-0.964	-0.006
04/20/10	0.670	0.459	0.349	0.505	0.695	0.886	0.533	-0.261	-0.619	-0.815	-1.006	-1.192	-1.245	-1.279	-1.427	-1.122	-1.036	-0.603	-0.186	0.116	0.101	0.139	0.053	0.123	0.886	-1.427	-0.257
04/21/10	0.061	-0.001	-0.033	-0.004	0.072	0.325	0.231	-0.238	-0.406	-0.684	-0.619	-0.710	-1.009	-1.355	-0.950	-0.603	-0.585	-0.514	-0.238	-0.221	-0.219	-0.151	-0.104	0.017	0.325	-1.355	-0.331
04/22/10	-0.029	-0.054	0.026	0.041	0.019	0.116	0.174	-0.516	-0.722	-0.805	-0.667	-0.738	-1.107	-1.045	-0.816	-0.747	-0.521	-0.422	-0.226	-0.272	-0.136	-0.047	-0.105	-0.125	0.174	-1.107	-0.363
04/23/10	-0.138	-0.093	0.017	0.048	0.153	0.259	0.131	-0.335	-0.579	-0.746	-0.938	-0.967	-0.908	-0.938	-0.954	-1.021	-0.715	-0.556	-0.328	-0.164	-0.088	-0.046	-0.038	0.183	0.259	-1.021	-0.365
04/24/10	0.429	0.301	0.437	0.666	0.618	0.822	0.636	-0.374	-0.636	-0.808	-1.213	-1.331	-1.184	-1.261	-1.245	-1.213	-0.973	-0.722	-0.374	-0.029	0.133	0.678	0.952	0.949	0.952	-1.331	-0.198
04/25/10	1.214	0.854	1.022	0.602	0.419	0.866	0.473	-0.315	-0.715	-0.764	-0.897	-1.022	-1.404	-1.283	-1.317	-1.037	-0.950	-0.726	-0.361	-0.002	0.693	1.214	0.698	0.651	1.214	-1.404	-0.087
04/26/10	1.135	1.388	2.115	2.415	1.396	0.549	0.872	-0.220	-0.738	-0.632	-1.099	-1.070	-1.040	-1.192	-1.109	-1.162	-0.858	-0.504	-0.122	0.202	0.949	1.355	1.170	0.621	2.415	-1.192	0.184
04/27/10	1.642	1.008	0.664	0.938	1.353	1.406	1.320	-0.123	-0.636	-0.957	-1.125	-1.077	-1.272	-1.369	-1.289	-1.002	-0.763	-0.513	-0.173	0.178	0.346	0.765	0.954	1.311	1.642	-1.369	0.066
04/28/10	0.474	0.500	1.359	1.281	1.510	1.821	1.129	0.024	-0.504	-1.084	-1.262	-1.350	-1.340	-1.390	-1.316	-1.164	-0.913	-0.547	-0.187	0.039	0.152	0.270	0.184	0.177	1.821	-1.390	-0.089
04/29/10	0.162	0.105	0.061	0.053	0.040	-0.050	-0.130	-0.313	-0.415	-0.880	-0.951	-0.872	-1.272	-0.976	-0.875	-0.811	-0.598	-0.400	-0.282	-0.086	-0.061	-0.009	-0.016	0.096	0.162	-1.272	-0.353
04/30/10	0.467	0.733	0.991	0.897	1.012	0.849	0.415	-0.459	-0.740	-0.901	-1.089	-1.235	-1.289	-1.240	-1.354	-1.351	-0.987	-0.766	-0.413	-0.100	0.080	0.564	1.237	0.909	1.237	-1.354	-0.157

Hourly Averages
 0.696 0.702 0.723 0.752 0.617 0.646 0.539 -0.162 -0.577 -0.817 -0.999 -1.133 -1.184 -1.223 -1.180 -1.076 -0.842 -0.576 -0.245 0.064 0.378 0.557 0.598 0.667

Maximum Hourly Differential Temperature: 2.415

Minimum Hourly Differential Temperature: -1.532

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 2010

10-METER 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
05/01/10	13.1	12.9	12.5	12.1	11.1	11.0	10.8	12.3	13.5	14.5	15.7	16.6	17.4	17.8	18.4	19.2	19.1	19.2	19.0	18.5	17.7	17.1	17.1	16.1	19.2	10.8	15.5	
05/02/10	14.8	13.7	12.9	13.0	12.5	12.4	12.9	13.6	13.8	14.7	15.9	17.1	18.1	18.6	17.4	18.7	19.0	18.7	18.1	17.1	16.6	16.0	14.9	14.2	19.0	12.4	15.6	
05/03/10	13.1	13.1	12.9	13.3	12.6	12.7	12.8	13.6	16.0	17.7	19.0	20.0	21.1	22.0	22.6	23.0	23.3	23.0	22.4	21.3	20.6	20.3	18.7	18.0	23.3	12.6	18.0	
05/04/10	17.4	17.7	17.8	17.4	17.2	16.8	16.8	18.6	20.1	22.1	23.5	24.7	25.8	26.6	27.2	27.6	27.7	27.5	26.9	25.6	24.8	23.4	22.9	21.9	27.7	16.8	22.4	
05/05/10	21.7	21.5	21.3	21.5	20.6	21.0	21.8	23.0	24.0	25.4	26.4	27.6	28.8	29.7	30.4	31.0	30.6	30.3	29.4	27.7	26.5	26.0	24.4	23.6	31.0	20.6	25.6	
05/06/10	23.1	22.7	22.0	21.5	21.4	21.0	21.1	21.8	23.1	23.9	24.9	25.5	26.6	27.3	28.0	28.4	28.5	28.4	28.7	26.2	25.4	24.8	24.2	24.0	28.5	21.0	24.6	
05/07/10	23.5	22.8	22.4	20.7	20.8	20.4	20.7	22.0	23.3	24.5	25.6	26.4	27.3	28.4	28.8	28.8	28.9	28.7	28.0	27.2	24.8	24.6	24.5	28.9	20.4	25.1		
05/08/10	24.1	23.5	23.6	23.0	22.7	22.0	21.8	22.1	24.1	25.2	26.1	27.3	28.1	28.9	29.4	29.6	30.0	30.0	29.7	28.7	28.1	27.3	26.4	25.7	30.0	21.8	26.1	
05/09/10	24.8	23.9	23.0	22.5	21.7	21.2	20.8	21.8	22.9	24.0	25.3	26.3	27.0	27.9	28.2	28.7	28.6	27.8	27.3	26.3	24.7	23.5	22.3	21.1	28.7	20.8	24.6	
05/10/10	20.0	18.4	16.9	14.8	13.4	12.9	12.9	13.8	14.5	15.9	17.6	19.2	20.7	21.2	21.4	22.0	22.1	22.1	22.0	21.2	20.4	19.8	19.7	18.8	22.1	12.9	18.4	
05/11/10	18.5	17.8	17.2	17.1	16.3	15.9	15.5	16.4	17.1	17.0	17.4	18.3	18.9	19.0	19.5	20.0	19.9	19.6	18.7	17.4	16.4	15.4	14.6	14.4	20.0	14.4	17.4	
05/12/10	13.6	13.7	13.2	12.6	12.2	11.3	11.9	13.5	15.3	16.7	17.6	18.2	18.8	19.4	20.0	20.4	20.8	21.0	20.7	19.9	19.4	18.9	18.4	16.8	21.0	11.3	16.8	
05/13/10	17.2	16.9	17.0	16.8	15.9	15.9	17.6	18.2	19.3	20.5	21.5	22.8	23.5	24.2	24.8	25.1	25.3	24.9	24.2	23.8	23.5	22.9	21.9	21.6	25.3	15.9	21.0	
05/14/10	21.1	20.9	19.7	20.3	18.6	18.4	18.1	19.5	20.4	21.5	22.6	23.5	24.2	25.0	25.4	25.7	25.9	25.8	25.5	24.7	24.4	22.9	21.9	21.5	25.9	18.1	22.4	
05/15/10	21.2	21.1	21.1	19.7	20.4	20.2	20.0	21.0	22.3	24.1	25.5	26.2	27.0	27.4	27.7	28.1	28.2	28.1	27.6	26.5	25.7	25.6	23.2	23.3	28.2	19.7	24.2	
05/16/10	23.0	22.6	21.9	21.7	21.4	21.6	20.1	21.7	23.4	25.0	26.6	27.7	29.2	29.5	30.0	30.1	30.3	30.4	30.1	28.8	27.7	27.4	26.7	25.7	30.4	20.1	25.9	
05/17/10	23.9	23.1	22.2	21.5	20.9	20.8	21.1	22.5	24.8	25.8	26.6	27.9	28.6	29.2	29.8	30.2	30.1	29.6	28.5	26.8	25.5	24.4	23.0	22.1	30.2	20.8	25.4	
05/18/10	21.6	20.3	20.1	19.2	18.6	18.2	18.3	19.0	19.9	20.4	21.4	22.5	23.2	23.9	24.3	24.6	24.7	24.4	23.8	23.0	22.1	21.5	21.7	21.6	24.7	18.2	21.6	
05/19/10	19.8	19.6	19.5	19.2	18.6	18.4	17.9	19.4	20.7	21.9	23.0	24.0	25.1	25.9	26.4	27.1	27.1	27.1	26.7	25.8	25.1	24.9	23.6	23.6	27.1	17.9	22.9	
05/20/10	23.2	23.4	22.5	22.0	21.3	21.1	21.4	22.4	24.1	25.5	26.7	27.6	28.3	29.0	29.5	29.8	29.9	29.9	29.5	28.6	27.8	26.7	25.4	25.2	29.9	21.1	25.9	
05/21/10	24.7	24.6	24.6	24.1	23.2	22.6	22.2	24.6	25.6	26.8	27.7	28.9	29.5	30.1	30.8	31.4	31.3	31.1	30.1	28.2	26.9	26.1	25.2	31.4	22.2	27.1		
05/22/10	24.4	23.5	23.0	22.7	22.1	21.7	20.8	21.5	22.5	23.8	24.9	25.7	26.6	27.3	27.9	28.4	28.0	27.5	26.7	25.4	24.0	22.8	22.2	21.3	28.4	20.8	24.4	
05/23/10	21.1	20.9	19.6	19.5	18.7	18.7	18.6	19.6	20.6	20.8	21.1	21.9	21.9	22.1	22.0	21.6	21.4	20.0	18.3	16.6	15.2	14.2	13.5	12.9	22.1	12.9	19.2	
05/24/10	12.2	11.5	11.1	10.8	10.8	9.8	9.8	11.1	13.3	15.1	16.8	18.3	19.0	20.2	20.9	21.5	21.6	21.5	21.0	19.9	19.2	18.6	17.9	17.6	21.6	9.8	16.2	
05/25/10	16.8	16.5	15.9	15.6	15.6	15.9	15.8	17.5	19.1	21.0	21.8	22.9	23.9	24.7	25.3	26.0	26.1	25.9	25.4	24.1	23.1	22.4	21.2	21.0	26.1	15.6	21.0	
05/26/10	21.0	20.0	20.0	19.9	19.5	19.2	19.5	20.5	22.7	24.7	26.2	27.3	27.9	29.0	29.6	29.6	29.7	29.5	28.8	27.9	26.6	25.6	24.9	24.2	29.7	19.2	24.7	
05/27/10	23.2	23.1	22.7	22.6	22.1	21.3	20.6	22.4	23.9	25.6	27.3	28.5	29.9	30.9	31.2	31.3	31.2	31.0	30.5	29.4	28.1	26.8	25.7	25.1	31.3	20.6	26.4	
05/28/10	24.8	24.5	24.2	23.6	22.4	22.3	22.3	23.7	24.6	25.8	27.3	28.7	30.6	30.8	31.5	31.5	31.6	31.8	30.6	28.8	27.3	26.0	24.8	24.4	31.8	22.3	26.8	
05/29/10	24.3	22.7	21.7	21.0	20.3	19.9	19.8	21.1	22.7	24.1	25.2	26.4	27.1	27.7	28.2	28.4	28.4	28.5	27.9	27.0	26.2	25.1	24.6	23.8	28.5	19.8	24.7	
05/30/10	23.3	22.7	22.4	22.7	21.6	21.9	21.8	22.6	24.6	26.3	27.5	28.4	29.4	29.8	30.4	30.4	30.4	30.1	29.3	28.6	27.4	25.6	25.5	30.4	21.6	26.4		
05/31/10	25.4	24.8	24.7	23.2	23.8	22.5	22.7	24.4	25.7	27.0	28.1	29.1	29.8	30.1	30.7	30.9	31.0	31.0	30.9	30.0	29.0	27.9	26.7	26.1	31.0	22.5	27.3	

Hourly Averages

20.6 20.1 19.7 19.2 18.6 18.3 18.3 19.5 20.9 22.2 23.3 24.4 25.3 25.9 26.4 26.7 26.8 26.6 26.0 25.0 24.0 23.1 22.2 21.6

Maximum Hourly Temperature:

31.8

Minimum Hourly Temperature:

9.8

Average Monthly Temperature:

22.7

Maximum 24-Hour Mean:

27.3

Minimum 24-Hour Mean:

15.5

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 2010

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			
05/01/10	11.9	11.8	11.0	10.6	10.2	10.3	10.0	12.8	14.2	15.4	16.9	17.8	18.7	19.2	19.8	20.5	19.9	19.7	19.3	18.7	17.7	17.0	17.0	15.8	20.5	10.0	15.7
05/02/10	14.6	13.4	12.5	12.6	12.3	12.2	12.9	14.1	14.5	15.7	17.1	18.0	18.9	19.3	17.5	18.9	19.4	19.0	18.3	17.1	16.5	15.7	14.5	13.5	19.4	12.2	15.8
05/03/10	12.5	12.4	12.2	12.7	12.2	12.2	12.1	13.9	16.9	18.6	20.2	21.2	22.4	23.3	23.6	24.2	24.2	23.7	22.8	21.3	19.8	19.2	17.9	17.1	24.2	12.1	18.2
05/04/10	16.6	16.7	16.8	15.9	16.4	15.5	16.2	19.1	20.8	22.9	24.5	25.8	26.9	27.7	28.2	28.6	28.6	28.2	27.2	25.5	23.9	22.1	21.5	21.0	28.6	15.5	22.4
05/05/10	20.3	20.2	20.0	20.5	19.6	20.4	21.1	23.4	24.9	26.5	27.7	29.0	30.4	31.2	31.7	32.1	31.4	30.9	29.5	27.4	24.9	25.1	23.7	22.9	32.1	19.6	25.6
05/06/10	22.4	22.3	21.2	19.6	19.3	19.6	19.5	22.1	24.0	25.2	26.3	26.8	28.0	28.7	29.4	29.4	29.3	29.0	27.8	26.0	24.9	23.6	23.1	22.2	29.4	19.3	24.6
05/07/10	21.5	20.4	20.2	19.5	20.0	19.8	20.2	22.5	24.0	25.4	26.8	27.8	28.7	29.8	30.0	29.9	29.6	29.6	29.0	27.7	26.6	24.4	23.8	23.2	30.0	19.5	25.0
05/08/10	22.8	22.4	22.1	22.1	20.8	21.3	22.4	24.7	26.1	27.0	28.5	29.5	30.4	30.8	30.8	30.9	30.6	29.9	28.4	26.7	25.5	24.8	23.5	30.9	20.8	26.0	
05/09/10	23.0	22.4	22.0	20.9	19.8	19.8	20.0	22.1	23.5	24.9	26.4	27.7	28.5	29.5	29.6	29.9	29.5	28.5	27.6	26.3	24.5	23.3	22.1	20.9	29.9	19.8	24.7
05/10/10	19.9	18.3	16.8	14.8	13.3	12.7	12.9	14.2	15.4	17.0	18.8	20.3	22.0	22.6	22.8	23.2	23.1	23.0	22.4	21.2	20.3	18.9	18.2	18.2	23.2	12.7	18.8
05/11/10	17.7	17.2	16.4	16.1	15.7	15.5	15.2	17.0	18.0	17.9	18.5	19.8	20.3	20.2	20.8	21.1	20.8	20.3	19.1	17.5	16.4	15.1	14.1	13.4	21.1	13.4	17.7
05/12/10	12.9	12.6	12.2	11.7	11.5	10.6	11.3	13.9	15.9	17.7	18.8	19.4	20.2	20.7	21.3	21.6	21.8	21.8	21.2	20.0	19.0	18.0	17.7	16.4	21.8	10.6	17.0
05/13/10	16.4	16.0	15.8	15.9	15.3	15.3	17.2	18.5	19.8	21.2	22.5	23.9	24.9	25.1	26.1	26.2	26.0	25.4	24.5	23.9	23.5	22.7	21.4	20.9	26.2	15.3	21.2
05/14/10	20.3	20.0	18.6	19.2	17.8	17.7	17.8	19.7	21.0	22.3	23.5	24.5	25.4	26.2	26.8	26.8	26.9	26.6	25.9	24.7	24.1	22.3	21.5	20.9	26.9	17.7	22.5
05/15/10	20.6	20.4	20.5	19.2	20.0	19.9	19.9	21.2	23.0	25.0	26.4	27.6	28.2	28.8	29.1	29.3	29.1	28.8	28.1	26.6	25.4	25.1	22.5	22.2	29.3	19.2	24.4
05/16/10	21.9	21.3	20.9	20.8	20.4	20.9	19.6	22.0	24.1	26.0	27.8	29.0	30.8	31.4	31.3	31.2	31.1	30.4	28.6	26.8	26.5	25.2	24.2	31.4	19.6	26.0	
05/17/10	23.3	22.4	21.3	20.5	19.7	19.7	20.5	22.8	25.4	26.8	27.9	29.3	29.9	30.3	30.9	31.2	31.0	30.1	28.7	26.7	25.4	23.9	22.6	21.6	31.2	19.7	25.5
05/18/10	21.1	20.1	19.7	18.9	18.0	17.5	17.8	19.5	20.7	21.4	22.6	23.8	24.8	25.4	25.6	25.7	25.7	25.1	24.1	23.0	22.0	21.1	21.4	21.2	25.7	17.5	21.9
05/19/10	19.3	18.5	18.4	17.5	17.4	17.1	17.3	19.8	21.3	22.7	24.0	25.2	26.2	27.1	27.6	28.2	28.0	27.9	27.1	25.8	24.9	24.1	22.5	22.5	28.2	17.1	22.9
05/20/10	22.0	21.7	21.5	20.7	20.3	20.4	20.9	22.8	24.7	26.3	28.0	28.6	29.5	30.3	30.9	30.9	30.8	30.7	29.9	28.5	26.7	25.5	24.8	30.9	20.3	25.8	
05/21/10	23.6	23.2	23.6	23.2	22.6	21.9	21.7	25.0	26.3	27.8	28.9	30.5	30.9	31.7	32.3	32.7	32.3	32.1	31.4	30.0	28.0	26.4	25.4	24.8	32.7	21.7	27.3
05/22/10	24.0	23.2	22.7	22.0	21.2	21.4	20.5	22.0	23.5	25.2	26.5	27.4	28.4	29.0	29.5	29.6	29.0	28.2	27.2	25.5	23.8	22.5	21.7	20.5	29.6	20.5	24.8
05/23/10	20.4	20.2	19.0	19.2	18.3	18.1	18.4	20.2	21.6	22.1	22.7	23.5	23.4	23.7	23.5	22.8	22.4	20.9	18.8	17.0	15.5	14.4	13.7	13.0	23.7	13.0	19.7
05/24/10	12.3	11.5	11.0	10.4	10.4	9.7	9.8	11.5	13.9	16.0	17.6	19.6	20.3	21.5	22.1	22.7	22.6	22.4	21.6	20.1	19.2	18.4	16.8	16.6	22.7	9.7	16.6
05/25/10	15.8	15.3	15.0	14.8	15.0	15.4	15.5	17.9	19.8	21.8	22.8	24.0	25.4	25.9	26.4	27.2	26.9	26.8	25.9	24.2	22.8	21.5	20.7	19.7	27.2	14.8	21.1
05/26/10	19.9	18.9	18.9	18.5	18.1	17.6	18.8	20.8	23.3	25.6	27.3	28.7	29.2	30.4	30.8	30.6	30.6	30.3	29.2	27.8	25.9	24.4	23.5	22.7	30.8	17.6	24.6
05/27/10	21.9	21.6	21.4	21.2	20.4	19.7	19.7	22.9	24.6	26.4	28.2	29.6	31.3	32.3	32.7	32.6	32.1	31.8	30.9	29.4	27.9	25.8	25.0	24.2	32.7	19.7	26.4
05/28/10	23.9	23.2	22.8	22.2	21.4	21.3	21.9	24.0	25.3	26.6	28.3	29.8	32.1	32.2	32.9	32.9	32.6	32.5	31.0	28.9	27.2	25.9	24.2	23.4	32.9	21.3	26.9
05/29/10	23.2	22.1	20.6	20.2	19.2	18.8	19.3	21.6	23.4	25.0	26.2	27.5	28.3	28.9	29.4	29.6	29.5	29.2	28.5	27.1	26.2	24.2	24.0	23.1	29.6	18.8	24.8
05/30/10	22.2	21.6	21.1	21.1	20.6	20.4	20.9	22.9	25.2	27.0	28.4	29.5	30.6	31.1	31.6	31.6	31.4	31.1	30.5	29.4	28.5	26.9	25.4	24.1	31.6	20.4	26.4
05/31/10	23.9	23.3	23.3	22.0	22.3	21.4	22.2	24.6	26.3	28.0	29.2	30.4	31.1	31.4	32.2	32.1	32.0	31.8	31.4	30.0	28.6	27.0	25.7	25.1	32.2	21.4	27.3

Hourly Averages

19.7 19.2 18.7 18.2 17.8 17.5 17.8 19.9 21.6 23.1 24.4 25.6 26.6 27.2 27.7 27.9 27.7 27.3 26.4 25.0 23.7 22.5 21.5 20.7

Maximum Hourly Temperature: 32.9

Minimum Hourly Temperature: 9.7

Average Monthly Temperature: 22.8

Maximum 24-Hour Mean: 27.3

Minimum 24-Hour Mean: 15.7

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 2010
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			
05/01/10	1.205	1.152	1.447	1.504	0.914	0.754	0.868	-0.513	-0.792	-0.828	-1.221	-1.236	-1.328	-1.408	-1.309	-1.207	-0.783	-0.523	-0.325	-0.143	0.015	0.055	0.057	0.277	1.504	-1.408	-0.140
05/02/10	0.169	0.348	0.347	0.390	0.233	0.223	-0.057	-0.446	-0.722	-1.068	-1.183	-0.868	-0.829	-0.738	-0.194	-0.218	-0.397	-0.320	-0.218	-0.014	0.088	0.224	0.365	0.672	0.672	-1.183	-0.176
05/03/10	0.532	0.714	0.657	0.520	0.374	0.479	0.716	-0.349	-0.853	-0.964	-1.260	-1.201	-1.295	-1.260	-0.999	-1.197	-0.895	-0.661	-0.399	-0.014	0.747	1.114	0.735	0.827	1.114	-1.295	-0.164
05/04/10	0.781	1.008	0.959	1.495	0.792	1.331	0.553	-0.483	-0.650	-0.802	-1.025	-1.064	-1.082	-1.119	-1.027	-0.981	-0.861	-0.687	-0.362	0.054	0.967	1.271	1.449	0.851	1.495	-1.119	0.057
05/05/10	1.401	1.319	1.265	0.993	0.951	0.600	0.656	-0.365	-0.900	-1.151	-1.239	-1.398	-1.599	-1.495	-1.263	-1.159	-0.820	-0.568	-0.156	0.360	1.672	0.941	0.620	0.652	1.672	-1.599	-0.028
05/06/10	0.645	0.327	0.821	1.910	2.138	1.401	1.573	-0.355	-0.851	-1.285	-1.370	-1.281	-1.415	-1.456	-1.414	-1.059	-0.804	-0.603	-0.288	0.237	0.441	1.143	1.106	1.758	2.138	-1.456	0.055
05/07/10	2.018	2.413	2.166	1.192	0.706	0.627	0.404	-0.537	-0.742	-0.865	-1.228	-1.317	-1.426	-1.322	-1.200	-1.096	-0.889	-0.670	-0.290	0.275	0.649	0.413	0.855	2.413	-1.426	0.060	
05/08/10	1.227	1.111	1.564	0.928	0.510	1.179	0.543	-0.325	-0.584	-0.892	-0.986	-1.232	-1.373	-1.555	-1.403	-1.203	-0.912	-0.601	-0.239	0.207	1.319	1.752	1.590	2.158	2.158	-1.555	0.116
05/09/10	1.825	1.490	1.007	1.562	1.853	1.350	0.806	-0.350	-0.523	-0.970	-1.166	-1.446	-1.534	-1.565	-1.321	-1.230	-0.910	-0.702	-0.348	0.061	0.169	0.259	0.152	0.129	1.853	-1.565	-0.058
05/10/10	0.118	0.095	0.067	0.004	0.068	0.202	0.028	-0.390	-0.943	-1.069	-1.174	-1.143	-1.307	-1.416	-1.351	-1.212	-1.008	-0.808	-0.446	-0.049	0.164	0.898	1.438	0.640	1.438	-1.416	-0.358
05/11/10	0.845	0.669	0.873	0.962	0.557	0.403	0.258	-0.534	-0.866	-0.910	-1.152	-1.486	-1.463	-1.277	-1.318	-1.183	-0.950	-0.719	-0.428	-0.114	0.031	0.317	0.565	0.943	0.962	-1.486	-0.249
05/12/10	0.777	1.123	1.031	0.941	0.702	0.688	0.603	-0.424	-0.602	-0.955	-1.172	-1.188	-1.367	-1.306	-1.274	-1.151	-0.948	-0.812	-0.460	-0.049	0.395	0.817	0.744	0.418	1.123	-1.367	-0.145
05/13/10	0.826	0.874	1.157	0.899	0.599	0.609	0.321	-0.303	-0.519	-0.778	-0.974	-1.097	-1.389	-0.913	-1.328	-1.052	-0.703	-0.512	-0.265	-0.146	-0.066	0.177	0.528	0.655	1.157	-1.389	-0.142
05/14/10	0.795	0.843	1.024	1.154	0.776	0.633	0.337	-0.287	-0.605	-0.809	-0.968	-1.015	-1.195	-1.226	-1.410	-1.171	-1.066	-0.767	-0.404	-0.035	0.270	0.616	0.421	0.567	1.154	-1.410	-0.147
05/15/10	0.572	0.673	0.589	0.448	0.433	0.323	0.086	-0.225	-0.717	-0.969	-0.964	-1.472	-1.206	-1.465	-1.303	-1.222	-0.881	-0.777	-0.449	-0.039	0.328	0.526	0.654	1.117	1.117	-1.472	-0.248
05/16/10	1.087	1.241	1.086	0.850	0.960	0.741	0.439	-0.283	-0.642	-0.933	-1.275	-1.284	-1.560	-1.429	-1.486	-1.140	-0.917	-0.690	-0.234	0.175	0.937	0.858	1.495	1.517	1.517	-1.560	0.020
05/17/10	0.619	0.680	0.968	0.953	1.148	1.153	0.552	-0.256	-0.650	-1.019	-1.281	-1.413	-1.253	-1.079	-1.122	-0.996	-0.904	-0.512	-0.216	0.070	0.147	0.498	0.352	0.494	1.153	-1.413	-0.128
05/18/10	0.489	0.276	0.415	0.305	0.580	0.692	0.467	-0.493	-0.800	-0.996	-1.169	-1.336	-1.575	-1.449	-1.310	-1.160	-0.975	-0.710	-0.343	-0.053	0.088	0.386	0.256	0.370	0.692	-1.575	-0.335
05/19/10	0.494	1.150	1.084	1.682	1.276	1.334	0.669	-0.339	-0.651	-0.770	-1.016	-1.207	-1.102	-1.267	-1.217	-1.170	-0.929	-0.794	-0.430	0.022	0.165	0.778	1.125	1.093	1.682	-1.267	-0.001
05/20/10	1.192	1.688	0.961	1.283	1.078	0.676	0.464	-0.346	-0.554	-0.741	-1.245	-1.034	-1.184	-1.312	-1.340	-1.039	-0.878	-0.799	-0.416	0.103	1.084	1.180	0.693	1.141	1.688	-1.340	0.027
05/21/10	1.110	1.392	1.006	0.990	0.556	0.686	0.534	-0.398	-0.642	-1.016	-1.157	-1.552	-1.428	-1.549	-1.423	-1.300	-0.973	-0.706	-0.263	0.085	0.184	0.494	0.662	0.434	1.392	-1.552	-0.178
05/22/10	0.393	0.234	0.291	0.674	0.886	0.285	0.212	-0.467	-1.045	-1.362	-1.551	-1.688	-1.789	-1.690	-1.599	-1.267	-0.967	-0.779	-0.457	-0.104	0.120	0.290	0.448	0.828	0.886	-1.789	-0.421
05/23/10	0.728	0.736	0.573	0.303	0.420	0.518	0.153	-0.560	-1.043	-1.280	-1.538	-1.641	-1.545	-1.441	-1.216	-1.041	-0.908	-0.556	-0.310	-0.249	-0.205	-0.115	0.736	-1.641	-0.500		
05/24/10	-0.108	-0.032	0.117	0.377	0.333	0.166	-0.027	-0.403	-0.600	-0.805	-0.850	-1.365	-1.337	-1.240	-1.200	-1.021	-0.908	-0.586	-0.159	-0.017	0.263	1.060	1.073	1.073	-1.365	-0.357	
05/25/10	1.010	1.165	0.984	0.790	0.614	0.515	0.331	-0.417	-0.685	-0.858	-0.977	-1.138	-1.458	-1.220	-1.187	-1.161	-0.843	-0.865	-0.493	-0.107	0.278	0.849	0.464	1.305	1.305	-1.458	-0.129
05/26/10	1.071	1.015	1.075	1.384	1.414	1.667	0.698	-0.292	-0.612	-0.841	-1.092	-1.399	-1.281	-1.371	-1.286	-1.052	-0.944	-0.788	-0.397	0.049	0.776	1.189	1.453	1.484	1.667	-1.399	0.080
05/27/10	1.300	1.457	1.344	1.452	1.750	1.629	0.812	-0.528	-0.687	-0.793	-0.876	-1.034	-1.344	-1.424	-1.483	-1.229	-0.903	-0.785	-0.485	0.045	0.217	1.020	0.739	0.886	1.750	-1.483	0.045
05/28/10	0.920	1.231	1.392	1.459	0.991	1.021	0.393	-0.391	-0.675	-0.789	-0.977	-1.135	-1.489	-1.362	-1.416	-1.351	-1.018	-0.746	-0.392	-0.075	0.103	0.130	0.585	0.997	1.459	-1.489	-0.108
05/29/10	1.114	0.609	1.086	0.889	1.154	1.113	0.571	-0.515	-0.705	-0.849	-0.933	-1.114	-1.201	-1.231	-1.249	-1.231	-1.025	-0.866	-0.564	-0.122	0.087	0.911	0.624	0.668	1.154	-1.249	-0.116
05/30/10	1.098	1.115	1.337	1.644	1.028	1.462	0.880	-0.254	-0.595	-0.731	-0.968	-1.079	-1.212	-1.255	-1.273	-1.207	-0.970	-0.789	-0.471	-0.101	0.163	0.501	0.231	1.406	1.644	-1.273	-0.002
05/31/10	1.520	1.571	1.323	1.128	1.446	1.038	0.520	-0.215	-0.581	-1.058	-1.120	-1.282	-1.315	-1.326	-1.426	-1.165	-0.999	-0.800	-0.488	-0.021	0.359	0.891	1.016	0.954	1.571	-1.426	-0.001

Hourly Averages
0.896 0.958 0.968 1.002 0.879 0.823 0.496 -0.388 -0.711 -0.941 -1.132 -1.263 -1.351 -1.334 -1.278 -1.136 -0.908 -0.715 -0.383 0.003 0.376 0.662 0.719 0.887

Maximum Hourly Differential Temperature: 2.413 **Minimum Hourly Differential Temperature:** -1.789

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 2010

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						
06/01/10	25.7	25.0	24.0	23.6	22.8	22.2	22.0	23.5	24.6	25.9	26.7	27.6	28.3	29.3	29.9	30.2	30.2	30.1	30.0	29.1	27.8	26.7	25.8	25.2	30.2	22.0	26.5			
06/02/10	24.4	23.9	23.1	22.7	20.8	20.4	20.8	22.4	24.3	25.3	26.3	27.0	27.9	28.6	28.9	29.4	29.5	29.5	29.1	28.2	27.6	26.6	25.5	25.0	29.5	20.4	25.7			
06/03/10	24.8	24.7	23.8	23.8	23.1	22.9	22.4	23.3	24.5	26.0	27.2	28.2	29.5	30.3	30.7	31.0	31.1	31.1	30.8	30.2	29.6	29.1	28.2	27.8	31.1	22.4	27.2			
06/04/10	26.2	26.0	25.5	25.1	24.8	23.5	23.5	25.0	26.7	27.9	29.4	30.5	31.4	32.1	32.5	32.8	32.9	32.8	32.6	31.8	31.3	30.7	28.9	28.5	32.9	23.5	28.9			
06/05/10	28.5	28.7	28.5	26.9	26.2	25.9	26.2	26.8	28.3	30.0	31.1	32.4	33.2	34.1	34.4	34.8	35.2	35.1	34.8	33.7	32.8	32.1	31.6	31.0	35.2	25.9	30.9			
06/06/10	30.5	29.6	28.8	28.5	26.7	27.3	26.7	27.4	29.2	30.5	32.2	33.3	34.2	35.0	35.7	35.9	36.3	36.0	35.7	34.8	33.9	32.9	32.0	31.6	36.3	26.7	31.9			
06/07/10	30.8	30.7	30.0	28.8	28.2	27.1	27.3	27.3	28.7	30.4	31.8	33.3	34.5	35.2	35.7	36.3	36.1	35.9	35.3	34.1	33.3	32.4	32.1	30.7	36.3	27.1	31.9			
06/08/10	30.8	29.6	28.4	28.0	26.9	26.6	26.2	27.2	28.3	29.3	30.2	31.7	32.4	33.2	33.5	34.1	34.8	34.9	34.6	33.7	33.0	32.5	30.6	30.7	34.9	26.2	30.9			
06/09/10	29.8	29.3	27.8	27.5	26.8	26.2	25.3	26.3	27.3	28.3	29.8	31.4	32.3	33.4	33.9	34.4	34.6	34.5	34.6	33.9	32.7	31.9	30.8	29.2	34.6	25.3	30.5			
06/10/10	28.8	28.0	27.0	26.2	25.5	25.0	25.1	25.8	26.7	28.2	29.3	30.2	31.0	31.9	32.7	33.3	33.5	33.5	33.0	32.0	30.5	28.7	27.5	26.9	33.5	25.0	29.2			
06/11/10	26.4	25.8	25.0	24.4	24.0	23.3	23.1	24.0	25.5	26.6	27.8	28.6	29.3	29.7	30.0	30.0	30.2	29.8	28.1	27.5	25.9	24.1	23.2	22.4	30.2	22.4	26.4			
06/12/10	21.4	21.1	20.3	19.9	18.4	18.1	18.4	18.6	20.3	21.2	22.1	22.5	22.9	23.5	24.3	24.9	24.9	24.8	24.3	23.4	22.2	21.9	21.5	20.2	24.9	18.1	21.7			
06/13/10	20.1	20.2	19.1	19.3	18.9	18.9	19.0	20.3	21.8	23.3	24.1	25.1	25.8	26.3	26.6	26.9	27.1	27.1	26.7	26.1	25.5	25.1	24.9	23.4	27.1	18.9	23.4			
06/14/10	23.4	23.1	22.7	22.5	22.2	22.3	22.3	24.0	25.3	26.8	27.7	28.3	29.0	29.8	30.2	30.7	31.1	30.9	30.5	29.8	29.0	28.6	27.5	27.0	31.1	22.2	26.9			
06/15/10	26.0	25.8	26.0	24.2	25.2	25.4	24.3	27.2	28.3	29.8	30.8	31.6	32.2	32.8	33.1	33.4	33.3	33.2	32.9	32.2	31.7	29.8	29.0	28.7	33.4	24.2	29.4			
06/16/10	27.3	27.7	26.7	26.3	24.8	25.1	25.0	26.6	27.7	28.6	29.5	30.8	32.1	32.5	33.1	33.0	33.0	33.1	32.8	32.0	30.6	29.8	28.9	28.2	33.1	24.8	29.4			
06/17/10	27.9	27.5	26.7	25.4	24.4	24.0	24.5	25.8	27.6	29.2	30.3	31.2	32.2	33.1	33.6	33.8	33.9	33.8	33.6	32.8	32.0	30.6	28.9	28.9	33.9	24.0	29.6			
06/18/10	28.4	27.6	27.5	26.9	25.8	25.6	25.7	27.8	29.0	30.5	31.6	32.7	33.6	34.0	34.4	34.7	34.9	34.9	34.7	33.6	32.4	31.4	29.5	29.0	34.9	25.6	30.7			
06/19/10	28.4	28.2	26.6	25.8	25.7	25.5	25.2	26.7	28.1	29.2	30.2	31.1	32.1	32.3	32.9	33.2	33.5	33.9	33.7	33.2	32.2	30.5	29.5	29.4	33.9	25.2	29.9			
06/20/10	29.1	28.5	27.7	27.0	26.3	25.9	25.6	26.2	27.0	28.3	29.4	30.9	32.0	32.7	33.2	33.8	34.1	34.2	33.9	33.2	32.4	30.1	29.9	29.2	34.2	25.6	30.0			
06/21/10	28.2	27.3	27.3	26.4	25.9	24.9	24.4	26.3	27.7	28.9	30.2	31.4	32.6	33.3	33.8	34.2	35.0	34.7	34.4	33.2	31.4	30.2	29.5	29.0	35.0	24.4	30.0			
06/22/10	27.9	26.8	26.3	25.5	24.8	24.4	24.1	25.6	27.5	29.0	30.6	31.6	32.8	33.6	33.9	34.2	34.3	34.2	33.6	32.6	31.7	30.7	28.9	28.0	34.3	24.1	29.7			
06/23/10	28.0	27.9	28.1	27.7	27.1	27.2	26.6	28.8	30.6	32.4	33.9	35.3	36.1	36.5	37.2	37.5	37.7	37.5	37.0	35.5	34.2	33.2	32.6	32.0	37.7	26.6	32.5			
06/24/10	32.1	30.8	30.4	30.0	29.5	30.0	30.9	30.7	33.0	34.5	35.5	36.5	37.6	38.0	38.3	38.3	38.5	38.1	37.7	36.8	35.5	33.1	32.7	32.0	38.5	29.5	34.2			
06/25/10	31.3	30.2	28.7	28.1	28.5	27.8	28.3	28.5	28.1	28.6	30.5	32.1	33.1	33.9	35.4	36.1	36.6	36.7	36.5	35.6	34.1	32.9	32.0	31.5	36.7	27.8	31.9			
06/26/10	31.1	30.8	29.1	28.8	27.6	27.8	28.1	29.2	30.3	31.3	32.0	33.4	34.0	34.5	34.5	34.9	35.0	34.9	34.2	33.2	31.8	31.0	30.2	29.4	35.0	27.6	31.5			
06/27/10	28.6	28.3	27.3	26.7	26.5	26.1	25.8	27.2	28.7	30.2	32.4	33.5	34.1	34.9	35.1	35.2	35.5	35.5	35.1	34.4	33.7	32.4	31.9	31.0	35.5	25.8	31.2			
06/28/10	30.2	29.7	29.8	29.7	28.7	27.9	28.8	30.0	31.7	33.2	34.6	35.8	36.6	37.0	37.0	34.6	32.7	32.1	34.1	34.3	32.0	31.2	30.9	31.3	37.0	27.9	32.2			
06/29/10	30.2	29.7	28.9	28.1	27.4	26.6	26.6	27.7	29.2	30.5	32.0	33.0	34.2	34.8	35.7	36.3	34.7	31.2	31.2	31.0	31.8	32.2	31.5	30.6	36.3	26.6	31.0			
06/30/10	30.6	30.7	30.6	30.2	29.6	29.0	28.8	29.4	30.3	31.2	32.0	33.1	34.0	35.2	35.5	35.3	33.7	34.3	32.6	32.2	32.2	31.7	31.5	35.5	28.8	31.9				
Hourly Averages		27.9	27.4	26.7	26.1	25.4	25.1	25.0	26.2	27.5	28.8	30.0	31.1	32.0	32.7	33.2	33.4	33.5	33.3	32.9	32.1	31.2	30.1	29.3	28.6					
Maximum Hourly Temperature:				38.5												Minimum Hourly Temperature:	18.1													
Maximum 24-Hour Mean:				34.2												Minimum 24-Hour Mean:	21.7													
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 2010

2-METER 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																												
06/01/10	24.1	23.3	22.6	22.2	21.3	21.3	21.7	23.9	25.1	26.8	27.9	28.8	29.8	30.9	31.4	31.5	31.2	30.8	30.4	29.1	27.7	26.3	25.4	24.0	31.5	21.3	26.6	
06/02/10	23.1	22.5	22.1	21.7	20.0	19.7	20.4	22.7	25.1	26.2	27.5	28.4	29.1	30.0	30.5	30.5	30.3	29.5	28.3	27.1	26.0	24.8	24.2	30.5	19.7	25.8		
06/03/10	23.6	23.3	22.0	21.9	21.3	21.2	21.4	23.6	25.2	26.8	28.2	29.3	30.7	31.5	32.0	32.0	32.0	31.8	31.3	30.3	29.4	28.8	27.5	27.1	32.0	21.2	27.2	
06/04/10	25.5	24.8	24.2	23.5	23.1	22.3	22.9	25.3	27.3	28.6	30.3	31.7	32.7	33.4	33.8	33.8	33.8	33.6	33.1	31.9	31.2	30.4	28.4	27.3	33.8	22.3	28.9	
06/05/10	26.8	26.6	26.6	25.6	24.8	24.5	24.8	27.2	28.9	30.8	32.2	33.6	34.4	35.4	35.6	35.6	35.9	36.3	35.8	35.3	33.8	32.6	31.6	30.7	30.2	36.3	24.5	30.8
06/06/10	29.3	28.3	28.1	27.0	25.7	25.7	25.9	27.7	29.9	31.4	33.2	34.7	35.4	36.3	37.1	37.1	37.3	36.9	36.3	34.8	33.4	31.7	30.6	30.0	37.3	25.7	31.8	
06/07/10	29.6	29.3	29.0	27.6	26.7	26.3	26.7	27.3	29.0	31.2	32.8	34.3	35.6	36.3	37.0	37.5	37.0	36.7	35.7	34.1	32.9	31.6	31.6	29.7	37.5	26.3	31.9	
06/08/10	28.9	28.3	27.3	26.8	25.7	25.2	25.1	27.6	29.0	30.2	31.2	32.7	33.8	34.4	34.7	35.2	35.6	35.6	35.0	33.7	32.9	32.4	30.2	29.1	35.6	25.1	30.9	
06/09/10	29.0	29.0	27.1	25.7	25.2	25.1	25.1	26.7	28.1	29.3	30.6	32.8	33.6	34.6	35.2	35.6	35.7	35.3	35.0	33.0	31.7	30.5	29.8	28.6	35.7	25.1	30.6	
06/10/10	27.9	27.4	26.5	25.6	25.3	24.3	24.3	26.1	27.5	29.3	30.7	31.8	32.5	33.6	34.2	34.6	34.6	34.2	33.4	32.1	30.5	28.6	27.3	26.6	34.6	24.3	29.5	
06/11/10	26.2	25.5	24.7	24.2	23.8	23.1	23.1	24.6	26.2	27.7	29.3	30.2	30.8	31.1	31.2	31.2	31.2	30.7	28.5	27.7	26.0	24.1	23.0	22.1	31.2	22.1	26.9	
06/12/10	21.1	20.8	19.8	19.1	17.9	17.7	18.4	18.9	21.3	22.3	23.6	24.0	24.4	24.9	25.8	26.3	26.3	26.0	25.6	24.8	23.7	22.3	21.9	21.4	19.9	26.3	17.7	22.2
06/13/10	19.8	19.5	18.6	18.7	18.0	18.1	18.7	20.7	22.4	24.2	25.3	26.6	27.1	27.6	28.0	28.2	28.1	28.0	27.3	26.3	25.5	24.9	23.9	23.0	28.2	18.0	23.7	
06/14/10	22.6	22.3	22.0	21.6	21.2	21.5	21.9	24.5	26.0	27.6	28.7	29.2	30.3	31.2	31.6	31.8	32.0	31.7	31.0	29.9	29.0	28.3	26.6	25.9	32.0	21.2	27.0	
06/15/10	25.2	25.0	25.2	23.8	24.2	24.5	23.8	27.6	29.0	30.8	32.0	32.9	33.7	34.3	34.4	34.7	34.3	34.1	33.4	32.3	31.0	28.9	28.0	27.2	34.7	23.8	29.6	
06/16/10	26.6	25.9	25.3	24.7	23.7	23.6	24.5	27.0	28.4	29.6	30.7	32.3	33.7	34.0	34.6	34.2	34.1	33.8	33.2	31.9	30.3	29.3	27.7	26.4	34.6	23.6	29.4	
06/17/10	25.9	25.7	25.3	24.3	23.4	22.9	24.1	26.2	28.2	30.1	31.4	32.5	33.4	34.3	34.7	35.0	35.0	34.8	34.6	34.1	32.9	31.8	30.2	28.2	28.0	35.0	22.9	29.7
06/18/10	26.8	26.3	25.6	25.6	24.6	23.5	25.2	28.4	29.7	31.6	32.9	34.0	35.0	35.4	35.7	35.9	35.9	35.6	35.1	33.5	32.0	30.7	28.4	27.3	35.9	23.5	30.6	
06/19/10	26.6	26.4	25.0	24.2	24.1	24.2	24.0	27.3	28.8	30.2	31.5	32.6	33.6	33.8	34.2	34.4	34.6	34.7	34.2	33.2	31.4	29.7	28.2	27.6	34.7	24.0	29.8	
06/20/10	27.3	26.6	25.8	25.3	24.9	24.9	25.3	26.6	27.7	29.3	30.6	32.2	33.4	34.0	34.5	35.0	35.3	35.1	34.4	33.3	31.8	29.3	28.6	27.6	35.3	24.9	30.0	
06/21/10	27.1	26.2	26.0	25.2	24.4	23.9	23.7	26.6	28.3	30.0	31.5	32.6	34.1	34.6	35.0	35.5	36.1	35.5	34.9	33.2	31.0	29.6	28.1	27.8	36.1	23.7	30.0	
06/22/10	26.9	26.1	25.0	24.7	23.4	23.7	23.7	26.0	28.1	29.7	31.7	32.8	33.9	34.9	35.0	35.3	35.2	35.0	34.1	32.6	30.9	29.9	28.1	27.3	35.3	23.4	29.7	
06/23/10	26.9	26.2	26.8	26.8	25.6	25.3	26.0	29.0	31.3	33.1	34.7	36.3	37.4	37.7	38.3	38.5	38.6	38.3	37.5	35.6	33.3	31.7	30.8	30.2	38.6	25.3	32.3	
06/24/10	30.1	29.5	28.7	28.6	28.2	29.2	30.6	30.9	33.5	35.5	36.8	37.9	39.2	39.2	39.6	39.5	39.4	38.8	38.1	36.9	35.5	33.2	32.7	32.0	39.6	28.2	34.3	
06/25/10	31.4	30.3	28.8	28.1	28.6	27.7	28.4	28.7	28.4	28.9	31.6	33.1	34.0	35.3	36.8	37.1	37.6	37.5	37.0	35.6	33.7	31.9	30.5	30.1	37.6	27.7	32.1	
06/26/10	29.2	28.6	27.5	27.7	26.6	26.6	26.8	29.6	30.9	32.4	33.4	34.8	35.4	35.9	36.1	36.2	36.1	35.7	34.7	33.3	31.5	30.4	29.3	28.5	36.2	26.6	31.5	
06/27/10	28.1	27.6	26.7	26.0	25.9	25.5	25.4	27.5	29.4	30.9	33.5	35.0	35.7	36.1	36.4	36.2	36.3	36.2	35.7	34.6	33.5	31.3	30.5	30.1	36.4	25.4	31.4	
06/28/10	29.4	28.8	28.4	28.2	27.5	26.7	28.4	30.3	32.3	34.4	35.7	37.2	38.4	38.2	37.8	35.1	33.1	32.5	34.2	34.3	31.9	31.2	30.7	31.3	38.4	26.7	32.3	
06/29/10	30.2	29.6	28.8	28.1	27.4	26.6	26.7	28.0	29.8	31.4	33.1	34.3	35.7	36.3	37.3	37.6	35.1	30.6	30.9	30.8	31.6	32.0	31.4	30.5	37.6	26.6	31.4	
06/30/10	30.4	30.5	30.4	30.0	29.5	28.9	28.8	29.8	30.9	32.2	33.4	34.6	35.4	36.7	36.5	35.7	34.2	34.8	33.0	32.3	32.2	32.2	31.7	31.5	36.7	28.8	32.3	

Hourly Averages

26.8 26.3 25.7 25.1 24.4 24.1 24.5 26.5 28.2 29.7 31.2 32.4 33.4 34.0 34.5 34.6 34.4 34.0 33.4 32.2 30.9 29.6 28.5 27.7

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 2010

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			
06/01/10	1.637	1.728	1.314	1.422	1.419	0.931	0.212	-0.430	-0.582	-0.919	-1.158	-1.180	-1.456	-1.564	-1.534	-1.282	-0.980	-0.676	-0.349	0.002	0.079	0.428	0.381	1.148	1.728	-1.564	-0.059
06/02/10	1.339	1.388	0.984	0.935	0.774	0.609	0.382	-0.371	-0.764	-0.853	-1.161	-1.396	-1.257	-1.215	-1.099	-1.140	-1.048	-0.814	-0.440	-0.091	0.533	0.638	0.710	0.860	1.388	-1.396	-0.104
06/03/10	1.204	1.405	1.816	1.881	1.809	1.754	0.943	-0.341	-0.698	-0.802	-0.998	-1.080	-1.218	-1.227	-1.211	-1.021	-0.943	-0.766	-0.488	-0.136	0.197	0.302	0.678	0.739	1.881	-1.227	0.075
06/04/10	0.646	1.173	1.311	1.590	1.729	1.225	0.576	-0.264	-0.647	-0.728	-0.881	-1.159	-1.202	-1.251	-1.274	-1.002	-0.918	-0.765	-0.458	-0.028	0.160	0.321	0.469	1.187	1.729	-1.274	-0.008
06/05/10	1.705	2.077	1.870	1.352	1.393	1.442	1.406	-0.457	-0.613	-0.859	-1.120	-1.193	-1.171	-1.298	-1.154	-1.103	-1.051	-0.759	-0.483	-0.024	0.261	0.476	0.873	0.824	2.077	-1.298	0.100
06/06/10	1.215	1.302	0.697	1.530	1.016	1.550	0.831	-0.341	-0.623	-0.853	-0.969	-1.356	-1.184	-1.253	-1.386	-1.190	-1.016	-0.814	-0.504	-0.035	0.437	1.185	1.377	1.611	1.611	-1.386	0.051
06/07/10	1.214	1.326	1.033	1.171	1.533	0.860	0.583	0.046	-0.329	-0.807	-0.925	-0.965	-1.041	-1.118	-1.241	-1.283	-0.932	-0.763	-0.396	0.031	0.375	0.847	0.479	1.040	1.533	-1.283	0.031
06/08/10	1.871	1.324	1.027	1.189	1.191	1.440	1.080	-0.430	-0.723	-0.902	-0.974	-1.066	-1.334	-1.269	-1.130	-1.061	-0.849	-0.739	-0.413	-0.052	0.121	0.084	0.490	1.654	1.871	-1.334	0.022
06/09/10	0.795	0.300	0.728	1.753	1.680	1.127	0.226	-0.420	-0.719	-0.991	-0.815	-1.421	-1.303	-1.170	-1.264	-1.193	-1.115	-0.822	-0.458	-0.010	0.999	1.386	0.921	0.618	1.753	-1.421	-0.049
06/10/10	0.973	0.645	0.533	0.619	0.237	0.722	0.811	-0.356	-0.775	-1.169	-1.424	-1.648	-1.541	-1.620	-1.535	-1.313	-1.080	-0.754	-0.432	-0.034	-0.006	0.085	0.148	0.307	0.973	-1.648	-0.359
06/11/10	0.234	0.266	0.332	0.243	0.233	0.200	-0.077	-0.660	-0.731	-1.093	-1.529	-1.611	-1.522	-1.377	-1.199	-1.178	-0.988	-0.836	-0.420	-0.239	-0.112	0.003	0.199	0.332	0.332	-1.611	-0.480
06/12/10	0.386	0.321	0.423	0.724	0.495	0.456	-0.042	-0.362	-0.938	-1.108	-1.430	-1.482	-1.522	-1.469	-1.485	-1.414	-1.043	-0.815	-0.539	-0.233	-0.059	-0.051	0.150	0.326	0.724	-1.522	-0.446
06/13/10	0.332	0.717	0.507	0.544	0.918	0.788	0.329	-0.407	-0.608	-0.939	-1.194	-1.439	-1.348	-1.382	-1.349	-1.250	-1.071	-0.888	-0.599	-0.230	-0.041	0.223	1.013	0.378	1.013	-1.439	-0.292
06/14/10	0.725	0.754	0.763	0.916	1.038	0.843	0.368	-0.498	-0.695	-0.843	-1.016	-0.892	-1.296	-1.391	-1.350	-1.091	-0.940	-0.832	-0.533	-0.136	0.023	0.267	0.993	1.064	1.064	-1.391	-0.157
06/15/10	0.798	0.737	0.752	0.406	0.920	0.859	0.501	-0.393	-0.686	-0.971	-1.154	-1.331	-1.532	-1.460	-1.327	-1.228	-1.014	-0.846	-0.466	-0.030	0.650	0.858	0.966	1.461	1.461	-1.532	-0.147
06/16/10	0.706	1.723	1.491	1.664	1.098	1.541	0.474	-0.397	-0.672	-0.986	-1.244	-1.578	-1.603	-1.547	-1.520	-1.282	-1.115	-0.790	-0.476	0.037	0.346	0.563	1.169	1.732	1.732	-1.603	-0.028
06/17/10	2.026	1.766	1.485	1.147	0.992	1.127	0.374	-0.367	-0.643	-0.855	-1.090	-1.358	-1.215	-1.212	-1.138	-1.158	-0.951	-0.794	-0.529	-0.077	0.180	0.347	0.659	0.822	2.026	-1.358	-0.019
06/18/10	1.627	1.280	1.907	1.381	1.226	2.021	0.484	-0.530	-0.672	-1.070	-1.329	-1.298	-1.425	-1.384	-1.281	-1.262	-1.011	-0.742	-0.404	0.090	0.400	0.654	1.083	1.656	2.021	-1.425	0.058
06/19/10	1.789	1.801	1.629	1.537	1.572	1.297	1.213	-0.524	-0.747	-0.983	-1.262	-1.483	-1.424	-1.426	-1.360	-1.228	-1.029	-0.858	-0.527	0.026	0.750	0.854	1.344	1.739	1.801	-1.483	0.113
06/20/10	1.850	1.905	1.941	1.681	1.372	0.974	0.280	-0.420	-0.684	-1.057	-1.260	-1.339	-1.387	-1.304	-1.295	-1.212	-1.174	-0.861	-0.535	-0.115	0.582	0.776	1.276	1.540	1.941	-1.387	0.064
06/21/10	1.119	1.084	1.297	1.243	1.489	1.054	0.695	-0.324	-0.589	-1.064	-1.282	-1.201	-1.486	-1.260	-1.152	-1.246	-1.082	-0.764	-0.417	0.056	0.444	0.591	1.367	1.285	1.489	-1.486	-0.006
06/22/10	0.984	0.759	1.302	0.882	1.323	0.701	0.376	-0.356	-0.625	-0.732	-1.132	-1.141	-1.158	-1.248	-1.138	-1.106	-0.955	-0.804	-0.510	-0.058	0.715	0.829	0.809	0.766	1.323	-1.248	-0.063
06/23/10	1.077	1.660	1.317	0.981	1.451	1.876	0.579	-0.278	-0.681	-0.669	-0.796	-1.062	-1.237	-1.119	-1.115	-1.014	-0.964	-0.767	-0.502	-0.094	0.825	1.501	1.743	1.868	1.876	-1.237	0.191
06/24/10	2.018	1.328	1.744	1.358	1.278	0.772	0.365	-0.138	-0.505	-1.069	-1.284	-1.378	-1.528	-1.211	-1.283	-1.191	-0.903	-0.700	-0.439	-0.075	-0.027	-0.075	-0.035	-0.045	2.018	-1.528	-0.126
06/25/10	-0.064	-0.076	-0.084	-0.085	-0.034	0.049	-0.088	-0.243	-0.291	-0.337	-1.071	-1.005	-0.959	-1.390	-1.336	-1.068	-1.042	-0.822	-0.469	-0.019	0.422	0.959	1.463	1.361	1.463	-1.390	-0.260
06/26/10	1.870	2.170	1.581	1.155	0.972	1.199	1.280	-0.360	-0.612	-1.085	-1.343	-1.351	-1.438	-1.451	-1.599	-1.252	-1.034	-0.788	-0.475	-0.089	0.270	0.599	0.906	0.900	2.170	-1.599	0.001
06/27/10	0.443	0.648	0.624	0.638	0.630	0.580	0.385	-0.278	-0.619	-0.708	-1.159	-1.539	-1.582	-1.210	-1.263	-0.953	-0.828	-0.725	-0.551	-0.158	0.203	1.091	1.386	0.942	1.386	-1.582	-0.167
06/28/10	0.800	0.882	1.356	1.474	1.186	1.248	0.393	-0.300	-0.607	-1.166	-1.094	-1.416	-1.803	-1.232	-0.790	-0.589	-0.444	-0.441	-0.135	0.019	0.067	0.011	0.117	0.022	1.474	-1.803	-0.102
06/29/10	0.012	0.061	0.040	0.045	0.043	-0.013	-0.081	-0.306	-0.550	-0.891	-1.113	-1.324	-1.487	-1.429	-1.585	-1.250	-0.442	0.612	0.287	0.211	0.260	0.170	0.113	0.117	0.612	-1.585	-0.354
06/30/10	0.203	0.234	0.165	0.158	0.099	0.083	-0.029	-0.354	-0.511	-1.051	-1.326	-1.456	-1.345	-1.508	-1.006	-0.435	-0.461	-0.486	-0.373	-0.087	0.006	0.024	0.054	0.056	0.234	-1.508	-0.389

Hourly Averages **Maximum Hourly Differential Temperature:** 2.170 **Minimum Hourly Differential Temperature:** -1.803

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 2010

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				
04/01/10	14.4	13.2	12.6	12.0	10.7	8.5	6.6	7.8	8.8	9.9	11.3	11.9	12.6	13.0	13.3	13.5	13.7	13.3	12.2	10.9	10.5	9.9	9.1	8.9	14.4	6.6	11.2	
04/02/10	8.1	7.8	7.4	6.5	5.9	5.6	5.7	7.2	10.6	11.5	12.8	13.8	14.8	15.4	15.5	15.7	15.6	15.0	14.1	12.9	12.1	11.7	11.8	11.3	15.7	5.6	11.2	
04/03/10	10.9	11.2	11.1	11.5	11.6	10.9	10.9	12.1	13.8	16.4	17.4	18.5	19.2	20.7	21.3	21.9	21.2	20.5	19.5	18.5	16.8	16.0	15.3	14.7	21.9	10.9	15.9	
04/04/10	14.4	14.3	13.6	13.4	13.0	12.4	13.4	14.7	17.3	18.7	19.2	20.2	21.6	22.4	22.8	22.9	23.0	22.8	21.8	20.5	19.3	18.4	18.1	17.8	23.0	12.4	18.2	
04/05/10	16.9	16.7	15.9	15.4	14.9	14.4	14.0	16.2	18.1	19.1	20.3	21.5	21.9	22.3	23.2	23.1	22.7	21.7	20.1	18.3	16.8	15.3	14.4	13.6	23.2	13.6	18.2	
04/06/10	13.0	12.1	11.4	10.9	10.5	9.9	9.7	11.3	12.9	14.4	14.7	15.9	17.0	18.1	19.1	19.0	19.2	18.9	17.9	16.3	15.3	14.0	13.5	13.8	19.2	9.7	14.5	
04/07/10	14.1	13.4	13.2	12.6	12.0	11.2	10.6	10.9	11.6	13.1	13.9	15.2	16.3	18.1	19.3	20.2	20.6	20.9	20.2	18.5	16.8	16.4	15.8	17.0	20.9	10.6	15.5	
04/08/10	16.8	17.8	17.4	16.8	16.5	16.2	15.9	16.6	17.7	18.8	20.2	22.1	23.5	24.4	24.9	25.4	25.7	25.5	23.9	21.7	19.3	18.8	18.2	17.4	25.7	15.9	20.1	
04/09/10	16.8	15.8	15.8	15.8	15.7	15.4	14.2	16.7	19.7	21.2	22.6	23.2	24.0	25.1	25.0	24.9	24.8	24.6	23.5	22.2	20.7	18.2	17.9	17.6	25.1	14.2	20.1	
04/10/10	17.0	16.7	16.1	16.3	17.0	17.1	17.0	18.4	20.1	21.2	22.4	23.2	24.3	25.1	25.4	25.5	25.8	25.2	24.6	22.5	20.9	20.5	19.7	18.5	25.8	16.1	20.9	
04/11/10	17.6	17.1	17.0	16.1	15.9	17.1	17.2	17.9	20.2	22.1	23.7	24.3	25.1	26.1	26.7	26.8	26.7	26.3	25.4	23.6	22.2	21.5	20.3	19.0	26.8	15.9	21.5	
04/12/10	18.2	17.5	16.8	15.4	15.6	15.6	16.0	18.1	19.0	20.3	21.9	22.5	23.1	23.3	24.6	25.5	25.0	22.9	20.3	18.2	17.0	16.1	14.3	13.3	25.5	13.3	19.2	
04/13/10	13.1	13.0	12.8	12.4	11.9	11.5	11.1	11.6	13.1	14.9	16.5	17.3	18.5	18.7	19.4	19.6	19.6	19.3	18.5	17.1	16.2	15.2	14.8	14.3	19.6	11.1	15.4	
04/14/10	13.7	13.5	14.1	14.8	14.7	14.5	14.1	15.9	17.8	19.9	20.6	21.8	22.6	22.7	23.2	23.4	23.2	22.6	21.4	20.2	18.5	17.5	17.0	16.7	23.4	13.5	18.5	
04/15/10	15.9	15.2	15.1	15.2	15.3	15.0	15.0	17.2	19.7	22.8	24.1	25.5	26.1	26.8	27.2	27.4	27.6	27.2	26.0	24.2	22.3	21.7	20.9	20.6	27.6	15.0	21.4	
04/16/10	20.7	20.1	19.3	18.9	18.8	18.4	18.2	19.8	21.3	23.0	23.0	23.7	24.1	24.1	24.2	24.7	24.4	23.1	22.9	21.6	20.1	19.5	18.2	17.6	24.7	17.6	21.2	
04/17/10	17.9	17.3	16.7	17.0	16.7	17.3	18.3	19.7	21.5	22.9	24.5	25.2	26.3	26.8	27.9	27.8	27.4	26.4	25.3	24.0	22.5	21.9	21.2	21.0	27.9	16.7	22.2	
04/18/10	19.6	19.8	19.5	19.0	19.0	19.5	21.2	22.7	24.2	26.3	27.0	27.7	28.7	29.0	28.8	28.4	28.4	27.9	26.9	25.5	24.3	22.9	22.4	22.0	29.0	19.0	23.8	
04/19/10	20.7	21.9	19.1	19.3	19.1	18.2	18.3	18.5	20.1	20.9	22.0	22.2	21.4	22.8	23.7	24.5	24.2	24.5	23.5	22.5	22.1	20.8	20.3	20.4	24.5	18.2	21.3	
04/20/10	19.3	18.6	18.5	17.5	16.4	15.8	16.3	18.4	20.6	21.5	22.7	23.8	24.5	25.3	25.7	25.8	25.9	25.4	24.7	23.4	22.7	22.3	22.4	21.4	25.9	15.8	21.6	
04/21/10	20.3	20.1	19.4	18.5	17.5	16.5	16.5	17.0	17.0	17.6	18.1	18.4	17.8	18.2	15.3	13.0	12.5	12.2	10.6	10.4	10.6	10.2	9.8	8.8	20.3	8.8	15.3	
04/22/10	7.9	7.1	7.0	7.1	7.0	7.0	7.2	9.1	10.8	11.7	11.3	11.5	12.7	13.2	12.8	12.9	12.2	11.4	10.1	9.4	8.2	7.7	7.8	7.4	13.2	7.0	9.6	
04/23/10	7.2	7.0	6.6	6.8	6.1	5.8	6.0	7.7	8.7	9.5	10.6	11.5	12.2	13.0	13.5	14.4	14.4	14.6	14.4	14.0	14.1	13.9	13.7	13.0	14.6	5.8	10.8	
04/24/10	11.8	10.8	10.1	9.7	9.4	8.9	8.9	11.9	12.9	14.4	16.2	17.3	18.2	19.0	19.9	20.5	20.9	20.9	20.2	18.8	18.3	17.7	16.0	15.8	20.9	8.9	15.4	
04/25/10	15.6	15.1	15.3	14.8	14.9	14.1	14.6	17.5	19.3	21.2	22.4	23.2	24.7	25.2	25.9	25.8	25.7	25.5	24.6	23.1	22.0	21.0	20.0	19.7	25.9	14.1	20.5	
04/26/10	19.3	18.9	18.1	17.4	17.5	17.7	16.4	19.6	21.9	23.6	25.4	26.2	26.5	27.6	27.8	28.2	28.0	27.0	25.7	24.5	23.5	22.6	21.5	20.5	28.2	16.4	22.7	
04/27/10	20.6	20.3	20.2	19.9	19.5	18.6	18.1	21.7	23.5	24.5	25.7	26.9	27.6	28.3	28.6	28.6	28.3	27.9	27.0	25.5	24.0	23.3	22.7	21.6	28.6	18.1	23.9	
04/28/10	22.0	21.2	19.7	19.0	18.4	17.9	18.2	20.2	21.5	22.9	24.1	25.0	25.8	26.6	27.4	28.1	27.9	27.1	25.8	24.4	22.4	21.5	20.7	19.5	28.1	17.9	22.8	
04/29/10	18.6	17.5	16.0	14.7	14.1	13.9	13.8	13.0	12.1	13.5	14.3	14.5	15.3	15.0	15.1	15.1	14.9	14.5	14.1	13.3	12.8	12.5	11.9	11.1	18.6	11.1	14.2	
04/30/10	10.0	9.5	9.0	8.4	7.9	7.0	6.9	9.9	11.3	12.3	13.1	14.0	14.8	15.4	16.0	16.4	16.4	16.3	15.7	13.9	13.2	12.1	11.5	16.4	6.9	12.3		

Hourly Averages

15.7 15.4 14.8 14.4 14.1 13.7 13.6 15.2 16.9 18.3 19.4 20.2 21.0 21.7 22.1 22.3 22.2 21.7 20.7 19.3 18.2 17.4 16.7 16.2

Maximum Hourly Temperature: 29.0 **Minimum Hourly Temperature:** 5.6 **Average Monthly Temperature:** 18.0

Maximum 24-Hour Mean: 23.9 **Minimum 24-Hour Mean:** 9.6

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 2010
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
05/01/10	11.5	11.4	10.7	10.2	9.8	9.9	9.7	13.0	14.3	15.4	16.6	17.5	18.2	18.7	19.3	20.0	19.4	19.2	18.8	18.2	17.3	16.6	16.6	15.5	20.0	9.7	15.3	
05/02/10	14.2	13.1	12.2	12.3	11.9	11.8	12.7	13.7	14.1	15.3	16.5	17.4	18.2	18.7	17.1	18.4	19.0	18.6	18.0	16.7	16.1	15.4	14.1	13.1	19.0	11.8	15.3	
05/03/10	12.2	12.1	11.8	12.3	11.8	11.8	11.8	14.5	16.7	18.5	20.1	21.1	22.2	23.0	23.5	24.0	24.0	23.5	22.5	20.9	19.4	18.8	17.6	16.7	24.0	11.8	18.0	
05/04/10	16.2	16.3	16.4	15.6	16.0	15.1	15.9	19.1	21.0	23.2	24.6	25.7	26.8	27.5	28.0	28.5	28.5	28.0	27.0	25.1	23.5	21.7	21.2	20.6	28.5	15.1	22.1	
05/05/10	20.0	19.7	19.7	20.1	19.2	20.0	20.9	23.4	24.9	26.3	27.4	28.6	29.9	30.6	31.2	31.6	31.0	30.6	29.3	27.0	24.5	24.6	23.4	22.5	31.6	19.2	25.3	
05/06/10	21.9	21.9	20.7	19.3	18.9	19.3	19.2	22.4	23.6	24.7	25.7	26.2	27.3	28.1	28.9	29.0	29.0	28.6	27.5	25.6	24.5	23.2	22.7	21.9	29.0	18.9	24.2	
05/07/10	21.1	20.0	19.9	19.2	19.7	19.4	20.0	22.7	24.1	25.5	26.5	27.6	28.4	29.4	29.7	29.6	29.6	29.6	29.1	27.3	26.3	24.0	23.4	22.9	29.7	19.2	24.8	
05/08/10	22.4	22.0	21.7	21.6	21.8	20.3	21.0	22.8	25.3	25.9	26.7	28.0	29.1	30.2	30.3	30.5	30.6	30.3	29.7	28.1	26.4	25.2	24.5	23.2	30.6	20.3	25.7	
05/09/10	22.6	22.0	21.6	20.6	19.5	19.4	19.8	22.1	23.1	24.9	26.1	27.3	28.0	28.9	29.0	29.4	29.1	28.1	27.3	25.9	24.1	22.9	21.8	20.5	29.4	19.4	24.3	
05/10/10	19.5	17.9	16.4	14.4	12.9	12.2	12.7	14.5	15.5	16.9	18.7	20.2	21.7	22.0	22.4	22.8	22.7	22.2	20.8	19.8	18.5	17.8	17.8	22.8	12.2	18.5		
05/11/10	17.3	16.7	16.0	15.6	15.3	15.0	15.0	16.8	17.5	17.4	17.9	19.1	19.6	19.6	20.1	20.5	20.3	19.9	18.7	17.1	16.0	14.6	13.7	13.0	20.5	13.0	17.2	
05/12/10	12.5	12.2	11.8	11.4	11.1	10.2	11.1	14.0	16.6	17.5	18.3	18.8	19.7	20.3	20.8	21.1	21.5	21.5	21.0	19.6	18.6	17.6	17.2	16.0	21.5	10.2	16.7	
05/13/10	16.1	15.6	15.5	15.5	14.9	14.9	16.9	18.3	19.6	21.3	22.5	23.8	24.6	25.0	25.8	26.2	25.7	25.0	24.0	23.5	23.1	22.4	21.0	20.5	26.2	14.9	20.9	
05/14/10	20.0	19.6	18.3	18.8	17.5	17.3	17.5	19.8	21.1	22.5	23.4	24.1	25.0	25.9	26.4	26.5	26.7	26.4	25.7	24.3	23.7	21.9	21.0	20.5	26.7	17.3	22.2	
05/15/10	20.2	20.0	20.1	18.8	19.6	19.4	19.6	21.3	23.0	25.0	26.4	27.3	28.0	28.7	29.0	28.9	29.0	28.5	27.9	26.2	24.8	24.7	22.2	21.8	29.0	18.8	24.2	
05/16/10	21.5	21.0	20.4	20.5	20.0	20.5	19.5	22.3	24.6	26.0	27.5	28.8	30.3	30.4	31.1	31.2	31.0	31.0	30.3	28.3	26.4	26.0	24.8	31.2	19.5	25.7		
05/17/10	22.8	21.9	20.9	20.1	19.4	19.3	20.3	22.8	25.4	26.2	27.4	28.8	29.3	29.8	30.4	30.8	30.6	29.7	28.2	26.3	24.9	23.5	22.2	21.2	30.8	19.3	25.1	
05/18/10	20.8	19.6	19.2	18.5	17.6	17.1	17.7	19.9	20.5	21.3	22.2	23.3	24.2	24.8	25.1	25.3	25.3	24.7	23.7	22.6	21.6	20.5	20.9	20.8	25.3	17.1	21.5	
05/19/10	18.8	18.0	18.0	17.1	17.0	16.8	17.2	20.3	21.5	22.7	23.7	24.8	25.9	26.7	27.3	27.9	27.7	27.6	26.8	25.4	24.5	23.7	22.2	22.1	27.9	16.8	22.7	
05/20/10	21.5	21.5	21.1	20.4	19.9	20.0	20.8	22.7	25.4	26.5	27.8	28.5	29.2	30.2	30.6	30.8	30.6	30.5	29.8	28.1	26.3	25.1	24.4	23.7	30.8	19.9	25.6	
05/21/10	23.2	22.8	23.2	22.8	22.3	21.5	21.5	24.8	26.5	27.6	28.7	29.9	30.3	31.2	31.8	32.2	31.9	31.6	31.1	29.6	27.6	26.0	24.9	24.3	32.2	21.5	27.0	
05/22/10	23.5	22.8	22.3	21.7	20.7	20.9	20.4	21.7	23.1	24.7	25.9	26.8	27.7	28.5	29.0	29.1	28.5	27.8	26.8	25.1	23.4	22.1	21.3	20.1	29.1	20.1	24.3	
05/23/10	19.9	19.7	18.6	18.8	18.0	17.8	18.3	20.5	21.2	21.5	22.1	22.9	22.8	23.1	22.9	22.3	22.0	20.4	18.4	16.5	15.0	14.0	13.3	12.6	23.1	12.6	19.3	
05/24/10	11.9	11.1	10.6	10.0	10.1	9.3	10.0	12.1	14.2	15.9	17.6	19.3	20.0	21.2	21.8	22.5	22.4	22.1	21.3	19.7	18.6	17.9	16.4	16.2	22.5	9.3	16.3	
05/25/10	15.3	14.9	14.6	14.4	14.6	15.0	15.6	18.2	20.3	21.9	23.0	23.9	25.1	25.9	26.3	27.0	26.8	26.5	25.6	23.8	22.4	21.1	20.3	19.3	27.0	14.4	20.9	
05/26/10	19.5	18.5	18.5	18.1	17.8	17.3	18.6	21.1	23.7	25.8	27.2	28.4	28.9	30.1	30.4	30.3	30.3	30.0	29.0	27.5	25.5	24.1	23.1	22.3	30.4	17.3	24.4	
05/27/10	21.5	21.2	21.0	20.8	20.0	19.4	19.8	23.1	25.0	26.7	28.3	29.5	31.1	32.0	32.4	32.2	31.9	31.5	30.8	29.0	27.5	25.4	24.6	23.8	32.4	19.4	26.2	
05/28/10	23.5	22.9	22.4	21.7	21.1	20.8	21.8	24.4	25.7	26.5	28.3	29.5	31.6	31.7	32.5	32.3	32.2	32.1	30.7	28.5	26.8	25.5	23.9	23.0	32.5	20.8	26.6	
05/29/10	22.8	21.8	20.2	19.8	18.8	18.3	19.1	21.9	24.0	25.2	26.2	27.3	27.9	28.6	29.1	29.3	29.2	28.9	28.2	26.7	25.7	23.8	23.4	22.6	29.3	18.3	24.5	
05/30/10	21.8	21.2	20.7	20.8	20.2	20.0	20.8	23.4	25.8	27.5	28.6	29.3	30.3	30.6	31.1	31.2	31.1	30.9	30.4	29.1	28.1	26.6	24.9	23.8	31.2	20.0	26.2	
05/31/10	23.6	22.9	23.0	21.7	21.9	21.0	22.2	25.2	26.7	27.8	29.3	30.2	30.6	31.0	31.7	31.6	31.6	31.5	31.2	29.7	28.2	26.6	25.4	24.8	31.7	21.0	27.1	

Hourly Averages		19.3	18.8	18.3	17.8	17.4	17.1	17.6	20.1	21.7	23.0	24.2	25.3	26.2	26.8	27.3	27.5	27.4	27.0	26.2	24.6	23.2	22.1	21.1	20.3		
Maximum Hourly Temperature:	32.5	Minimum Hourly Temperature: 9.3						Average Monthly Temperature: 22.5																			
Maximum 24-Hour Mean:	27.1	Minimum 24-Hour Mean: 15.3																									
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 2010

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				
06/01/10	23.8	22.9	22.2	21.9	20.9	20.9	21.9	24.6	25.7	26.7	27.5	28.4	29.4	30.4	30.8	31.1	30.8	30.4	30.0	28.7	27.3	25.8	24.9	23.7	31.1	20.9	26.3	
06/02/10	22.7	22.1	21.7	21.3	19.6	19.3	20.3	23.2	25.0	26.1	27.0	28.2	28.7	29.6	29.7	30.2	30.3	30.0	29.4	27.9	26.7	25.6	24.4	23.6	30.3	19.3	25.5	
06/03/10	23.3	23.0	21.5	21.5	20.9	20.8	21.3	24.2	25.5	26.8	28.1	29.1	30.4	31.1	31.6	31.7	31.8	31.5	31.0	30.0	29.0	28.4	27.1	26.6	31.8	20.8	26.9	
06/04/10	25.2	24.5	23.9	23.2	22.7	22.0	22.9	26.0	27.8	28.8	30.6	31.4	32.2	32.9	33.3	33.6	33.5	33.2	32.9	31.5	30.7	30.0	28.1	26.9	33.6	22.0	28.7	
06/05/10	26.5	26.3	26.3	25.2	24.5	24.1	24.7	27.6	29.5	30.9	31.9	33.2	34.0	35.0	35.3	35.6	36.0	35.6	35.1	33.4	32.1	31.1	30.3	29.7	36.0	24.1	30.6	
06/06/10	28.9	27.9	27.6	26.7	25.4	25.4	25.9	28.2	30.4	31.5	33.1	34.2	34.9	35.9	36.6	36.7	36.9	36.4	35.9	34.5	33.0	31.3	30.3	29.7	36.9	25.4	31.6	
06/07/10	29.2	29.0	28.4	27.2	26.4	25.9	26.5	27.5	29.6	31.6	33.1	34.3	35.4	36.0	36.7	37.2	36.7	36.4	35.4	33.8	32.5	31.1	31.3	29.4	37.2	25.9	31.7	
06/08/10	28.5	28.0	26.9	26.5	25.4	24.9	25.0	28.1	28.9	30.5	31.6	32.4	33.4	33.9	34.2	34.8	35.4	35.3	34.7	33.4	32.5	32.0	29.8	28.6	35.4	24.9	30.6	
06/09/10	28.5	28.4	26.8	25.4	24.8	24.7	25.2	27.5	28.3	29.3	30.7	32.6	33.4	34.3	34.9	35.2	35.4	35.0	34.9	33.6	31.4	30.0	29.3	28.2	35.4	24.7	30.3	
06/10/10	27.5	27.0	26.1	25.1	24.9	24.0	24.1	26.0	27.7	28.9	30.1	31.3	32.0	33.2	33.7	34.1	34.1	33.8	33.0	31.7	29.9	28.2	26.9	26.1	34.1	24.0	29.1	
06/11/10	25.7	25.1	24.3	23.7	23.4	22.7	22.9	24.5	25.7	27.1	28.7	29.6	30.0	30.3	30.5	30.5	30.6	30.0	27.9	27.3	25.6	23.7	22.7	21.7	30.6	21.7	26.4	
06/12/10	20.6	20.3	19.3	18.7	17.4	17.3	18.1	18.7	21.1	21.8	23.0	23.5	23.9	24.3	25.4	25.8	25.5	25.2	24.5	23.2	21.9	21.5	21.0	19.5	25.8	17.3	21.7	
06/13/10	19.3	19.1	18.1	18.3	17.6	17.7	18.8	21.0	22.8	24.1	24.9	26.0	26.8	27.2	27.6	27.7	27.7	27.0	25.9	25.0	24.4	23.4	22.6	27.7	17.6	23.4		
06/14/10	22.2	21.9	21.5	21.2	20.8	21.1	21.8	24.5	26.2	27.8	28.4	29.1	30.0	31.0	31.2	31.4	31.7	31.4	30.9	29.6	28.5	27.9	26.2	25.5	31.7	20.8	26.7	
06/15/10	24.8	24.6	24.8	23.3	23.8	24.1	23.6	27.6	29.2	31.1	31.9	32.2	33.2	34.0	34.1	34.3	34.0	33.8	33.2	32.0	30.6	28.5	27.7	26.8	34.3	23.3	29.3	
06/16/10	26.2	25.6	25.0	24.4	23.3	23.2	24.7	27.5	28.6	29.3	30.4	31.6	33.2	33.5	34.1	33.8	33.7	33.5	33.0	31.6	29.8	28.8	27.3	26.0	34.1	23.2	29.1	
06/17/10	25.5	25.3	24.9	24.0	23.1	22.5	24.0	26.6	28.4	30.1	30.9	32.3	33.1	34.0	34.3	34.6	34.5	34.4	34.0	32.6	31.4	30.0	27.8	27.6	34.6	22.5	29.4	
06/18/10	26.4	26.0	25.3	25.2	24.2	23.2	25.0	28.4	29.8	31.5	32.7	33.8	34.7	35.0	35.2	35.6	35.6	35.3	34.8	33.2	31.5	30.3	28.1	26.9	35.6	23.2	30.3	
06/19/10	26.3	26.0	24.7	23.8	23.7	23.9	24.0	27.4	28.7	29.7	31.0	32.2	33.2	33.4	33.7	33.9	34.3	34.4	34.2	33.0	31.0	29.2	27.8	27.3	34.4	23.7	29.5	
06/20/10	26.9	26.2	25.4	24.9	24.5	24.6	25.0	26.7	28.2	29.0	30.1	32.0	33.2	33.8	34.1	34.7	35.0	34.8	34.3	33.1	31.5	28.9	28.2	27.3	35.0	24.5	29.7	
06/21/10	26.7	25.8	25.7	24.7	24.1	23.5	23.7	27.4	28.7	30.0	31.1	32.3	33.6	34.2	34.5	35.2	35.7	35.2	34.6	32.9	30.7	29.2	27.7	27.3	35.7	23.5	29.8	
06/22/10	26.5	25.6	24.6	24.4	23.0	23.3	23.7	26.7	28.2	30.2	31.7	32.5	33.8	34.7	34.9	35.1	35.1	34.8	34.0	32.3	30.6	29.5	27.6	26.8	35.1	23.0	29.6	
06/23/10	26.3	25.9	26.4	26.3	25.3	25.9	27.5	29.3	31.5	33.1	34.7	36.1	37.5	37.4	38.2	38.4	38.4	38.1	37.2	35.2	32.9	31.4	30.5	29.8	38.4	24.9	32.1	
06/24/10	29.7	29.1	28.4	28.2	27.7	27.8	28.8	30.4	30.9	33.5	35.4	36.6	37.5	38.8	38.8	39.2	39.1	39.1	38.4	37.9	36.6	35.1	32.8	32.3	31.6	39.2	27.7	34.0
06/25/10	31.0	29.8	28.4	27.7	28.1	27.3	28.1	28.4	28.0	28.6	31.8	32.9	33.9	35.2	36.6	36.9	37.3	37.2	36.8	35.3	33.3	31.6	30.1	29.8	37.3	27.3	31.8	
06/26/10	28.9	28.3	27.1	27.3	26.3	26.2	26.7	30.0	31.0	32.3	33.0	34.3	34.9	35.4	35.7	35.7	35.8	35.3	34.5	33.0	31.1	30.0	28.9	28.1	35.8	26.2	31.2	
06/27/10	27.7	27.2	26.3	25.7	25.5	25.1	25.5	28.3	29.9	31.3	33.4	34.7	35.3	35.8	36.1	36.1	36.2	36.0	35.4	34.3	33.1	31.0	30.1	29.7	36.2	25.1	31.2	
06/28/10	29.0	28.5	28.0	27.9	27.2	26.4	28.1	30.2	32.2	34.2	35.7	36.7	37.9	38.1	37.5	34.6	32.6	32.0	33.8	33.9	31.6	30.8	30.3	30.9	38.1	26.4	32.0	
06/29/10	29.8	29.2	28.5	27.7	27.0	26.2	26.3	27.7	29.4	31.1	32.7	33.9	35.0	35.9	36.9	37.4	34.8	30.3	30.5	30.4	31.2	31.6	31.0	30.1	37.4	26.2	31.0	
06/30/10	30.1	30.1	30.0	29.7	29.1	28.5	28.5	29.4	30.5	31.7	32.9	34.0	34.7	36.2	36.1	35.4	33.6	34.2	32.6	31.9	31.8	31.3	31.1	36.2	28.5	31.9		

Hourly Averages

26.5 25.9 25.3 24.7 24.0 23.7 24.4 26.8 28.3 29.7 31.0 32.1 33.0 33.7 34.1 34.2 34.1 33.7 33.1 31.9 30.4 29.2 28.1 27.3

Maximum Hourly Temperature: 39.2

Minimum Hourly Temperature: 17.3

Average Monthly Temperature: 29.4

Maximum 24-Hour Mean: 34.0

Minimum 24-Hour Mean: 21.7

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 2010

RELATIVE HUMIDITY (%)

	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	Max	Min	Avg
04/01/10	42.9	45.8	45.5	45.8	52.7	76.7	77.7	63.7	51.1	43.7	36.1	31.1	31.0	24.8	21.9	21.4	20.3	20.0	23.8	22.9	26.3	31.5	28.0	36.8	77.7	20.0	38.4
04/02/10	37.3	35.4	39.1	45.5	49.3	46.5	51.8	38.6	34.5	32.8	25.5	23.0	20.9	22.5	21.4	18.7	19.5	19.8	24.1	27.5	30.4	28.3	27.4	29.3	51.8	18.7	31.2
04/03/10	30.2	29.9	28.3	25.9	26.0	26.7	27.8	24.2	23.1	21.1	16.6	18.9	18.3	17.9	20.3	18.3	19.5	20.0	21.4	25.3	30.3	30.7	29.3	31.0	31.0	16.6	24.2
04/04/10	32.0	30.7	33.1	35.5	39.3	39.0	36.1	32.0	27.5	23.0	26.7	24.2	22.0	21.5	20.0	17.8	16.7	17.8	21.0	24.2	24.6	26.5	26.5	28.6	39.3	16.7	26.9
04/05/10	30.1	30.8	31.5	35.3	34.5	34.5	34.0	29.4	28.4	24.0	22.5	20.9	26.8	15.1	15.0	18.8	19.5	18.7	23.3	28.7	33.9	41.5	41.2	46.4	46.4	15.0	28.5
04/06/10	50.7	54.8	59.8	60.8	66.2	69.3	65.7	61.1	54.9	48.8	43.8	39.6	31.8	12.6	16.9	14.1	11.2	11.7	13.4	17.0	15.0	15.3	16.6	15.2	69.3	11.2	36.1
04/07/10	16.8	13.1	13.0	13.7	15.8	17.8	18.3	16.2	17.0	16.7	13.0	13.0	12.5	10.3	10.3	9.2	9.3	10.0	11.0	13.8	13.8	13.7	12.6	11.5	18.3	9.2	13.4
04/08/10	10.9	10.3	11.0	11.6	12.8	10.8	12.6	10.2	10.7	11.6	11.5	10.3	9.7	9.6	10.5	9.9	10.1	10.6	12.9	13.4	16.4	16.9	15.7	15.4	16.9	9.6	11.9
04/09/10	20.1	20.0	16.6	17.1	17.8	19.0	24.1	19.1	15.3	17.9	11.8	10.8	10.2	9.4	9.4	9.0	9.8	11.2	11.8	11.5	17.6	19.6	19.8	19.2	24.1	9.0	15.3
04/10/10	18.6	18.4	19.6	19.0	16.6	16.0	16.9	15.6	14.6	12.5	12.8	12.2	10.3	9.4	9.2	9.9	11.3	12.8	12.6	15.1	14.9	15.4	16.3	17.7	19.6	9.2	14.5
04/11/10	19.2	19.3	17.6	18.1	19.2	17.1	17.4	17.0	17.0	17.5	19.2	17.9	16.7	13.5	13.1	12.0	13.1	12.9	13.6	15.8	16.8	17.0	21.3	19.9	21.3	12.0	16.7
04/12/10	27.7	29.2	33.5	32.9	29.2	32.8	29.0	28.8	28.8	23.3	14.2	18.3	16.7	13.9	12.4	10.7	10.7	20.3	25.6	29.7	32.5	42.5	52.8	54.7	54.7	10.7	27.1
04/13/10	53.7	55.0	54.6	56.2	55.3	51.1	51.6	46.0	42.1	40.4	30.7	31.6	27.5	25.4	24.1	23.0	23.4	24.4	27.8	28.5	32.0	34.1	35.1	39.1	56.2	23.0	38.0
04/14/10	39.1	38.7	34.9	31.3	32.8	35.4	35.0	31.8	31.2	22.9	22.2	17.4	18.3	20.7	19.8	18.7	19.0	21.1	20.2	22.6	24.6	26.4	27.4	28.2	39.1	17.4	26.7
04/15/10	28.0	29.8	25.2	29.2	26.3	32.6	26.5	24.3	21.7	18.3	18.5	16.6	12.4	15.3	13.2	12.4	13.5	13.3	15.5	16.6	21.0	19.4	23.0	21.4	32.6	12.4	20.6
04/16/10	25.2	25.4	19.2	23.3	23.6	25.3	26.6	24.9	18.9	20.5	20.9	20.1	18.3	18.6	17.4	18.7	19.3	18.8	22.7	22.1	25.0	25.1	29.4	29.4	17.4	22.3	
04/17/10	26.2	27.6	31.1	26.6	25.7	26.8	30.6	32.1	30.2	30.0	30.2	27.2	27.5	24.9	22.4	21.7	21.5	22.4	24.7	24.8	26.2	27.2	26.6	30.7	32.1	21.5	26.9
04/18/10	27.2	28.6	28.3	23.9	27.9	27.9	33.6	31.9	30.8	25.0	20.5	19.7	17.3	12.7	14.4	12.3	12.4	13.1	14.2	14.6	16.9	14.9	17.0	20.0	33.6	12.3	21.0
04/19/10	18.8	19.8	22.8	23.2	23.4	27.2	24.6	26.0	23.7	24.4	21.2	23.0	25.1	23.3	23.2	24.7	21.5	22.2	24.1	24.3	27.1	29.1	27.8	30.3	30.3	18.8	24.2
04/20/10	30.8	32.6	38.2	38.3	44.9	49.1	43.0	35.9	34.2	30.7	29.4	34.5	30.1	28.4	27.1	26.2	27.4	27.3	29.3	32.1	31.3	29.1	32.6	38.0	49.1	26.2	33.4
04/21/10	35.6	39.9	36.2	39.3	47.0	47.7	52.2	58.0	53.0	48.7	46.9	49.0	39.3	36.9	35.3	36.0	30.2	50.2	36.1	35.3	38.5	38.3	46.6	53.2	58.0	30.2	42.9
04/22/10	65.5	63.8	60.3	60.2	64.5	56.9	53.8	42.1	40.8	39.7	44.5	40.6	29.1	27.6	28.6	29.0	33.9	44.4	49.2	58.9	74.8	71.5	75.8	78.4	78.4	27.6	51.4
04/23/10	74.7	81.6	83.1	80.7	85.8	85.7	75.1	74.1	71.4	62.3	54.7	46.6	39.9	40.5	41.5	37.7	35.5	32.5	34.9	33.9	34.2	35.6	37.4	44.3	85.8	32.5	55.2
04/24/10	49.6	60.4	65.1	66.6	69.7	71.1	69.0	57.4	48.0	45.5	40.5	34.7	36.0	30.3	29.0	27.6	25.4	26.3	28.4	31.2	33.2	37.2	40.2	41.7	71.1	23.4	44.3
04/25/10	39.6	41.3	36.2	36.1	40.3	42.9	35.7	30.0	27.7	24.0	23.8	19.8	17.2	13.0	11.8	12.1	12.3	12.4	13.4	14.5	17.7	19.2	19.5	23.6	42.9	11.8	24.3
04/26/10	23.7	21.4	22.0	23.8	22.2	26.2	27.0	22.8	17.2	16.3	16.0	15.1	13.4	11.6	12.2	11.9	12.2	12.5	14.7	16.4	18.0	19.6	18.9	20.6	27.0	11.6	18.1
04/27/10	21.1	23.1	21.1	18.8	21.9	23.8	23.2	19.3	17.4	16.8	14.5	12.8	12.8	11.1	11.0	10.9	11.0	11.2	13.5	14.6	15.9	15.6	19.0	16.9	23.8	10.9	16.6
04/28/10	15.6	18.0	20.8	22.7	24.0	25.5	21.2	18.5	18.3	16.4	15.7	13.7	13.3	12.7	12.9	12.4	13.4	14.2	15.6	27.6	26.9	20.4	21.0	24.0	27.6	12.4	18.5
04/29/10	40.5	48.7	35.5	32.7	37.4	46.3	48.2	36.1	40.4	40.4	35.2	29.1	30.3	28.7	25.9	27.1	27.8	23.5	21.0	21.4	22.6	24.6	25.8	30.3	48.7	21.0	32.5
04/30/10	30.5	33.9	35.6	39.3	41.0	44.2	37.1	30.5	28.4	24.9	22.4	18.9	18.4	19.3	14.7	14.2	13.5	16.3	18.1	15.9	15.8	20.1	21.5	44.2	13.5	24.8	

Hourly Averages

32.7 34.2 34.0 34.4 36.4 38.4 37.5 33.2 30.6 28.0 25.4 23.7 21.8 19.4 18.8 18.2 18.1 19.7 21.3 23.3 25.8 26.9 28.3 30.5

Maximum Hourly Humidity: 85.8

Minimum Hourly Humidity: 9.0

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2010

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		Day	Max	Min	Avg																								
05/01/10		21.3	25.7	24.5	26.0	27.0	27.5	22.8	21.7	16.2	18.4	17.4	16.9	19.1	14.3	16.3	16.0	17.0	17.4	17.1	17.5	20.4	20.6	20.4	26.8	27.5	14.3	20.3	
05/02/10		30.5	34.5	33.4	28.1	28.3	28.4	32.8	32.8	34.5	32.1	31.3	26.8	24.4	23.3	21.7	10.8	11.7	12.2	13.4	16.8	17.2	24.6	27.6	26.9	34.5	10.8	25.2	
05/03/10		31.1	35.0	28.9	28.3	29.8	29.8	30.7	23.5	18.8	16.8	16.1	14.2	13.5	12.5	13.1	12.0	12.0	12.8	15.1	13.9	15.9	15.6	19.1	19.6	35.0	12.0	19.9	
05/04/10		20.7	18.0	21.3	19.3	18.9	22.6	17.6	17.9	13.7	12.1	11.1	10.4	10.9	10.9	9.2	9.7	9.2	11.0	11.3	12.3	13.9	18.3	17.8	16.9	22.6	9.2	14.8	
05/05/10		16.5	15.5	14.7	13.5	15.0	13.0	12.6	12.4	13.0	11.0	10.0	10.0	9.4	8.9	9.1	7.8	9.0	7.9	8.1	9.7	9.4	10.3	11.5	13.7	16.5	7.8	11.3	
05/06/10		11.9	12.8	13.3	15.9	13.5	15.8	15.5	14.5	13.3	12.6	12.7	11.3	10.8	10.1	10.3	10.4	11.0	12.1	13.0	13.5	16.3	16.7	17.3	22.2	10.1	13.6		
05/07/10		18.7	19.9	20.8	22.4	21.7	20.8	18.6	18.4	15.5	14.5	12.7	12.3	11.6	11.1	11.5	10.8	10.6	12.2	12.9	12.7	15.6	16.6	15.8	18.7	22.4	10.6	15.7	
05/08/10		19.2	20.1	20.7	19.4	21.8	21.6	26.4	20.4	17.4	13.9	14.6	13.0	11.1	11.3	11.8	10.8	10.8	11.3	12.0	13.0	14.1	15.6	17.2	19.1	26.4	10.8	16.1	
05/09/10		19.8	19.2	20.0	22.6	23.9	22.6	23.4	18.5	18.0	16.6	16.0	14.6	12.9	11.1	10.7	11.6	10.3	11.3	9.3	9.0	10.3	13.2	12.9	23.9	9.0	15.3		
05/10/10		13.7	13.4	17.6	22.4	26.6	28.8	25.4	26.1	25.3	20.1	18.1	14.7	11.7	13.1	14.2	11.5	11.4	12.1	13.4	14.8	16.7	19.4	18.5	20.5	28.8	11.4	17.9	
05/11/10		19.9	20.0	20.7	17.1	20.9	24.1	23.9	20.7	22.8	25.5	22.0	19.7	21.1	21.6	16.3	14.6	13.7	19.3	22.6	17.6	14.6	16.2	17.8	18.0	25.5	13.7	19.6	
05/12/10		19.5	19.5	17.9	21.8	25.0	24.9	21.3	18.8	15.5	14.8	14.8	15.5	15.3	17.3	16.3	16.5	15.1	15.2	16.1	18.2	20.7	20.2	22.4	24.0	25.0	14.8	18.6	
05/13/10		26.7	23.7	25.7	24.4	27.3	25.4	23.5	22.3	20.9	19.4	17.9	13.2	12.9	11.0	9.5	10.0	11.1	12.7	14.0	14.5	14.4	18.0	19.0	18.5	27.3	9.5	18.2	
05/14/10		18.0	17.3	17.8	18.8	21.2	24.4	20.8	18.2	15.1	15.4	14.5	13.2	12.6	11.6	10.6	10.5	10.2	11.9	12.8	13.4	12.8	15.0	15.5	15.6	24.4	10.2	15.3	
05/15/10		18.3	19.3	17.8	20.2	21.0	23.6	22.4	22.5	18.5	15.5	13.9	11.9	11.1	11.7	10.8	10.2	9.8	10.4	10.8	11.5	12.5	14.0	15.2	14.7	23.6	9.8	15.3	
05/16/10		15.1	18.5	15.6	18.6	17.6	18.1	17.2	17.8	14.4	12.4	12.9	12.7	11.3	10.1	9.3	10.3	10.0	9.4	7.4	7.8	10.3	10.8	11.6	11.1	12.6	18.6	7.4	12.9
05/17/10		11.9	15.5	16.7	18.1	19.3	23.4	17.0	15.8	13.6	13.3	13.5	10.5	11.9	11.7	10.1	10.9	10.0	9.9	9.4	10.7	10.6	12.4	12.7	14.1	23.4	9.4	13.4	
05/18/10		15.1	16.4	17.5	21.2	25.4	28.8	27.4	24.8	23.3	22.7	23.0	19.6	20.6	18.8	18.3	19.6	20.6	21.1	19.5	20.7	21.6	24.6	24.4	26.3	28.8	15.1	21.7	
05/19/10		29.3	32.4	29.9	31.0	30.8	33.9	30.4	24.9	23.9	21.2	20.2	18.8	17.2	16.9	14.0	13.7	13.7	14.1	15.5	17.8	17.8	18.4	22.3	24.8	33.9	13.7	22.2	
05/20/10		22.6	22.7	23.9	25.4	24.6	27.4	25.8	23.0	17.3	17.0	16.7	15.3	12.5	11.8	11.4	10.9	11.2	11.3	13.1	14.6	15.7	16.4	17.2	17.1	27.4	10.9	17.7	
05/21/10		19.0	17.1	17.2	17.4	20.0	21.8	18.8	16.1	16.1	15.7	15.0	12.1	11.3	10.9	10.9	10.5	9.8	10.5	10.7	12.2	12.3	13.6	14.4	15.7	21.8	9.8	14.5	
05/22/10		15.1	18.8	19.3	25.4	21.4	21.7	21.8	21.4	20.6	16.0	15.0	12.3	13.3	12.8	11.8	12.4	13.7	13.9	16.2	16.9	19.7	17.1	17.6	18.9	25.4	11.8	17.2	
05/23/10		17.8	17.8	21.1	33.4	35.9	31.8	28.3	26.7	26.2	26.8	24.6	23.1	20.3	21.6	16.2	16.5	17.1	18.9	21.0	22.5	21.7	22.6	23.9	25.7	35.9	16.2	23.4	
05/24/10		28.3	28.5	31.3	32.5	34.5	29.5	31.0	24.2	20.9	15.7	14.7	13.9	12.2	9.9	11.2	9.1	9.8	10.7	11.5	12.1	12.2	13.5	15.1	17.7	34.5	9.1	18.7	
05/25/10		17.5	16.6	18.8	18.2	18.4	16.5	16.4	18.3	13.3	11.1	10.1	9.7	9.5	8.7	8.0	7.9	8.4	9.0	11.2	11.6	13.3	13.5	13.5	14.0	18.8	7.9	13.1	
05/26/10		15.4	18.9	16.4	17.0	19.9	19.5	14.7	14.0	13.5	11.8	10.1	10.3	10.4	9.5	10.0	9.7	9.2	9.7	10.2	11.1	12.8	13.7	13.1	14.3	19.9	9.2	13.1	
05/27/10		15.1	16.8	17.2	16.7	18.6	21.1	17.5	15.3	16.1	12.4	11.7	11.2	8.9	8.5	9.3	8.9	8.9	9.5	10.2	11.0	12.5	14.7	15.4	17.4	18.4	21.1	8.5	13.9
05/28/10		19.1	19.8	22.0	21.0	24.7	25.0	23.4	24.0	20.2	19.3	17.2	14.8	10.6	9.4	8.5	10.3	11.3	12.5	17.8	22.3	24.2	25.1	26.5	22.9	26.5	8.5	18.8	
05/29/10		19.5	23.3	23.0	23.8	24.4	23.5	22.3	16.7	15.2	14.6	14.2	13.5	11.2	11.3	10.7	10.2	10.7	11.0	12.1	12.5	14.0	15.4	16.2	17.5	24.4	10.2	16.1	
05/30/10		17.5	18.3	20.5	19.4	18.1	19.5	15.3	16.0	12.5	11.2	10.4	10.7	10.0	9.0	8.5	9.1	9.1	9.5	9.5	10.8	10.4	12.5	13.4	13.2	20.5	8.5	13.1	
05/31/10		13.6	13.6	13.9	15.6	15.9	14.9	14.0	13.4	13.5	12.0	11.6	11.6	11.8	10.9	10.0	9.4	9.7	9.2	10.3	11.1	12.4	13.3	15.0	14.5	15.9	9.2	12.6	

Hourly Averages

19.3 20.3 20.6 21.8 22.9 23.5 21.9 20.0 18.0 16.5 15.6 14.1 13.2 12.6 11.9 11.3 11.5 12.2 13.2 14.1 15.1 16.5 17.5 18.6

Maximum Hourly Humidity: 35.9

Minimum Hourly Humidity: 7.4

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 2010

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			
06/01/10	15.2	13.8	14.6	16.3	15.6	14.7	13.6	12.5	10.0	11.0	9.9	11.5	11.1	11.1	10.9	10.9	10.7	11.3	9.9	10.3	11.1	12.2	11.1	11.6	16.3	9.9	12.1
06/02/10	11.9	12.7	15.0	15.7	16.4	16.6	16.0	13.5	15.1	15.4	13.9	12.2	10.5	10.4	8.4	8.2	8.5	9.3	10.2	10.8	12.0	12.0	13.9	12.5	16.6	8.2	12.5
06/03/10	16.1	17.3	16.7	17.5	19.8	22.9	20.4	17.9	15.3	14.6	14.4	12.7	13.0	12.0	11.6	11.3	11.7	12.0	12.8	15.1	16.5	13.9	16.3	15.2	22.9	11.3	15.3
06/04/10	19.8	18.5	18.2	19.6	20.7	24.0	18.3	15.9	15.5	15.0	14.0	13.2	13.5	12.3	12.1	12.1	11.4	11.7	11.7	12.2	12.6	12.8	15.7	16.4	24.0	11.4	15.3
06/05/10	15.7	17.5	16.2	20.1	18.2	21.6	20.1	17.2	15.0	15.2	13.5	13.0	12.5	12.4	11.9	10.5	10.4	10.8	11.4	12.9	13.9	14.1	15.2	15.8	21.6	10.4	14.8
06/06/10	20.0	19.1	21.3	26.7	25.8	26.6	23.4	21.8	19.4	17.7	15.5	14.4	13.6	13.2	13.4	13.0	12.1	11.9	13.0	12.4	13.5	13.5	14.8	14.5	26.7	11.9	17.1
06/07/10	14.5	17.6	17.1	19.7	21.8	20.6	27.9	21.2	16.8	16.2	12.8	13.9	11.4	9.6	9.4	8.4	8.8	9.9	11.3	12.9	13.7	14.3	16.5	17.7	27.9	8.4	15.2
06/08/10	18.2	20.4	20.4	20.4	19.1	17.1	13.5	14.0	15.5	15.1	13.1	14.7	13.7	13.0	12.9	13.1	12.0	12.3	13.7	15.0	16.2	18.9	21.6	22.0	12.0	16.1	
06/09/10	22.4	23.9	27.9	28.6	30.0	33.8	31.9	28.6	28.1	23.3	21.0	14.6	16.0	13.5	12.0	11.9	12.3	12.5	10.5	13.5	13.4	16.0	19.0	21.4	33.8	10.5	20.3
06/10/10	22.6	21.5	28.6	25.6	27.1	26.6	24.6	23.3	20.8	17.3	16.8	16.6	14.9	13.8	13.8	13.4	13.5	16.3	22.5	25.1	26.4	19.2	28.6	13.3	20.2		
06/11/10	20.2	20.0	25.9	33.3	36.8	37.3	33.7	29.8	26.0	22.0	21.1	17.3	16.7	16.9	15.9	16.3	18.7	23.4	25.0	22.3	14.1	15.9	9.5	10.0	37.3	9.5	22.0
06/12/10	11.5	14.5	18.6	22.9	23.7	24.0	29.4	25.3	26.8	24.8	24.2	27.8	28.0	23.7	18.0	14.1	18.0	16.8	21.4	27.6	29.4	30.1	31.7	32.8	32.8	11.5	23.5
06/13/10	34.5	31.3	33.5	33.2	33.9	32.1	28.0	26.3	23.4	22.5	21.0	19.4	18.9	18.2	18.4	17.7	16.6	19.0	19.8	23.0	24.8	26.3	26.5	29.4	34.5	16.6	24.9
06/14/10	29.4	30.6	32.4	32.0	32.4	29.9	25.5	24.5	21.6	19.8	16.4	16.9	16.6	16.2	14.9	14.2	13.9	13.4	13.7	15.1	16.4	18.3	19.8	19.3	32.4	13.4	21.0
06/15/10	20.5	19.5	22.0	20.3	19.8	21.7	19.6	15.9	14.2	13.7	11.2	11.4	11.2	10.4	9.5	9.8	9.4	9.7	10.6	13.0	15.0	15.2	17.0	15.8	22.0	9.4	14.9
06/16/10	18.4	19.2	22.0	23.1	23.6	24.4	19.6	17.9	17.0	14.5	13.7	12.3	12.5	11.2	9.0	8.9	11.1	11.4	12.2	13.6	13.5	15.9	18.2	19.2	24.4	8.9	15.9
06/17/10	20.2	19.2	21.4	21.6	22.8	21.5	20.9	17.2	16.0	14.2	13.5	12.0	11.1	10.9	11.2	9.3	8.3	8.8	9.1	10.5	9.8	12.6	12.4	22.8	8.3	14.4	
06/18/10	12.6	14.5	13.2	13.6	15.1	15.8	12.4	11.6	12.6	10.6	9.4	9.7	8.0	8.5	7.9	7.8	7.5	7.3	5.9	6.7	7.7	9.0	10.6	10.3	15.8	5.9	10.3
06/19/10	13.5	10.5	11.1	10.9	11.2	12.3	11.2	9.7	8.0	8.5	7.6	8.1	6.4	6.2	7.3	7.4	7.4	7.6	7.9	8.9	9.8	10.5	11.2	11.9	13.5	6.2	9.4
06/20/10	12.8	14.5	13.5	14.3	16.9	20.5	20.5	18.2	19.3	12.5	11.4	9.7	8.3	7.8	8.3	8.0	8.0	8.1	8.2	9.7	10.5	11.3	12.0	12.3	20.5	7.8	12.4
06/21/10	15.6	15.5	18.1	17.7	17.9	20.3	18.3	13.4	11.3	8.8	8.2	7.0	6.9	7.5	8.9	8.0	7.2	7.3	6.0	5.6	6.9	8.3	10.3	8.9	20.3	5.6	11.0
06/22/10	10.1	11.2	12.2	13.2	9.3	9.9	9.2	8.9	8.2	7.6	4.8	5.0	3.7	4.5	4.4	5.6	6.1	7.4	7.6	8.6	9.6	9.8	10.2	11.2	13.2	3.7	8.3
06/23/10	9.6	10.4	10.6	10.0	10.4	11.2	10.9	10.0	8.9	7.6	7.8	6.7	6.4	6.0	6.6	7.0	6.9	7.3	7.4	8.1	10.3	9.3	9.6	11.8	6.0	8.8	
06/24/10	9.2	9.2	9.7	9.5	9.7	9.7	9.2	10.2	11.7	11.6	11.0	8.6	9.3	9.5	8.4	7.0	7.3	7.0	7.4	22.1	23.0	24.8	25.4	25.4	7.0	11.7	
06/25/10	27.3	31.1	37.8	35.0	33.7	36.0	29.8	34.0	34.3	31.6	22.3	19.7	17.9	15.9	14.6	11.3	9.7	10.1	9.8	10.4	12.0	12.5	13.2	12.6	37.8	9.7	21.8
06/26/10	13.6	13.7	13.8	13.5	16.2	12.6	11.6	9.7	9.4	10.5	11.1	9.1	10.2	8.1	9.1	8.6	7.6	7.5	8.8	9.8	11.2	12.7	13.2	13.8	16.2	7.5	11.0
06/27/10	14.9	14.5	15.5	15.9	15.6	17.3	17.2	14.7	12.5	12.3	9.0	8.3	8.1	8.6	8.9	8.5	8.2	8.3	9.6	9.9	10.4	12.6	11.2	11.8	17.3	8.1	11.8
06/28/10	12.4	12.3	12.3	11.6	13.8	14.1	11.3	12.9	13.7	13.3	11.4	12.4	11.1	10.5	10.1	15.2	14.7	15.9	11.3	14.1	16.8	17.4	16.8	17.3	17.4	10.1	13.4
06/29/10	19.6	21.0	22.9	25.5	27.1	32.5	30.1	27.6	26.5	22.6	20.1	17.8	16.5	15.4	14.3	14.2	25.5	42.6	24.9	24.0	20.7	20.2	22.9	23.9	42.6	14.2	23.3
06/30/10	22.4	22.8	24.3	25.7	28.0	30.9	32.2	29.5	28.1	26.1	25.2	22.5	21.7	18.4	17.0	20.9	18.0	19.7	20.0	23.3	23.6	22.4	24.6	24.9	32.2	17.0	23.8

Hourly Averages

17.5 17.9 19.6 20.5 21.1 22.0 20.5 18.4 17.3 16.0 14.3 13.3 12.7 11.9 11.3 11.1 11.4 12.5 12.1 13.4 14.6 15.4 16.5 16.7

Maximum Hourly Humidity: 42.6

Minimum Hourly Humidity: 3.7

Total Number of Observations: 720

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 2010

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			
04/01/10	26.74	26.74	26.73	26.71	26.72	26.74	26.78	26.79	26.82	26.83	26.84	26.85	26.84	26.83	26.81	26.80	26.80	26.81	26.83	26.83	26.86	26.87	26.87	26.87	26.71	26.80	
04/02/10	26.89	26.90	26.90	26.90	26.91	26.92	26.93	26.95	26.98	27.00	27.01	27.01	26.99	26.97	26.95	26.94	26.94	26.95	26.95	26.94	26.95	26.95	26.93	27.01	26.89	26.95	
04/03/10	26.92	26.92	26.91	26.90	26.88	26.87	26.89	26.91	26.91	26.91	26.92	26.91	26.89	26.88	26.85	26.82	26.81	26.81	26.80	26.79	26.79	26.81	26.83	26.84	26.92	26.79	26.87
04/04/10	26.85	26.85	26.85	26.84	26.86	26.87	26.88	26.90	26.91	26.92	26.92	26.91	26.90	26.88	26.87	26.86	26.85	26.85	26.84	26.85	26.87	26.88	26.88	26.92	26.84	26.87	
04/05/10	26.88	26.89	26.89	26.88	26.88	26.88	26.90	26.91	26.92	26.92	26.91	26.90	26.89	26.88	26.86	26.85	26.84	26.84	26.85	26.87	26.88	26.90	26.91	26.92	26.84	26.89	
04/06/10	26.92	26.91	26.91	26.91	26.92	26.94	26.95	26.97	26.98	26.99	27.00	26.99	26.97	26.96	26.95	26.93	26.92	26.92	26.93	26.95	26.96	26.97	26.97	27.00	26.91	26.95	
04/07/10	26.97	26.97	26.97	26.97	26.96	26.98	26.99	27.01	27.03	27.04	27.06	27.05	27.04	27.02	27.00	26.98	26.96	26.95	26.95	26.95	26.96	26.97	26.97	27.06	26.95	26.99	
04/08/10	26.96	26.96	26.94	26.92	26.91	26.92	26.91	26.92	26.93	26.93	26.92	26.92	26.89	26.87	26.84	26.82	26.80	26.80	26.81	26.82	26.84	26.85	26.85	26.96	26.80	26.89	
04/09/10	26.84	26.84	26.84	26.82	26.82	26.82	26.83	26.85	26.86	26.88	26.88	26.86	26.85	26.84	26.83	26.82	26.82	26.82	26.84	26.85	26.87	26.87	26.87	26.88	26.82	26.84	
04/10/10	26.88	26.88	26.89	26.89	26.90	26.91	26.93	26.95	26.97	26.98	26.99	26.98	26.95	26.95	26.93	26.92	26.91	26.91	26.92	26.92	26.95	26.95	26.96	26.99	26.88	26.93	
04/11/10	26.98	26.99	26.99	26.99	26.99	27.00	27.00	27.01	27.03	27.03	27.03	27.03	27.02	26.99	26.98	26.94	26.93	26.91	26.90	26.89	26.89	26.91	26.93	26.93	27.03	26.89	26.97
04/12/10	26.93	26.92	26.91	26.89	26.88	26.87	26.87	26.88	26.90	26.90	26.89	26.87	26.85	26.83	26.82	26.78	26.75	26.75	26.76	26.77	26.80	26.81	26.82	26.93	26.75	26.84	
04/13/10	26.84	26.85	26.84	26.83	26.83	26.83	26.84	26.85	26.86	26.87	26.88	26.87	26.86	26.84	26.82	26.81	26.81	26.82	26.84	26.85	26.86	26.87	26.88	26.81	26.84		
04/14/10	26.87	26.87	26.86	26.85	26.86	26.86	26.85	26.88	26.90	26.91	26.93	26.93	26.92	26.91	26.89	26.88	26.88	26.88	26.87	26.88	26.89	26.90	26.91	26.94	26.85	26.89	
04/15/10	26.92	26.93	26.93	26.93	26.93	26.94	26.94	26.96	26.97	26.99	26.99	27.00	26.99	26.97	26.96	26.94	26.91	26.91	26.92	26.94	26.95	26.95	26.95	27.00	26.91	26.95	
04/16/10	26.95	26.96	26.95	26.93	26.92	26.93	26.94	26.96	26.95	26.95	26.94	26.94	26.93	26.93	26.90	26.89	26.87	26.87	26.88	26.89	26.89	26.89	26.96	26.87	26.92		
04/17/10	26.90	26.89	26.89	26.88	26.87	26.86	26.88	26.89	26.90	26.91	26.92	26.92	26.93	26.91	26.89	26.87	26.85	26.83	26.84	26.85	26.86	26.87	26.93	26.83	26.88		
04/18/10	26.88	26.88	26.88	26.88	26.89	26.89	26.90	26.92	26.92	26.93	26.91	26.91	26.89	26.88	26.85	26.84	26.83	26.82	26.83	26.83	26.84	26.85	26.85	26.93	26.82	26.88	
04/19/10	26.87	26.86	26.85	26.85	26.86	26.86	26.88	26.89	26.92	26.92	26.94	26.95	26.95	26.92	26.91	26.89	26.87	26.88	26.89	26.89	26.90	26.91	26.95	26.85	26.89		
04/20/10	26.91	26.91	26.91	26.91	26.92	26.92	26.93	26.93	26.94	26.94	26.93	26.92	26.91	26.89	26.87	26.85	26.82	26.81	26.79	26.77	26.77	26.78	26.78	26.94	26.77	26.87	
04/21/10	26.79	26.78	26.76	26.76	26.75	26.73	26.72	26.73	26.72	26.72	26.71	26.70	26.68	26.66	26.65	26.66	26.66	26.65	26.70	26.71	26.72	26.74	26.79	26.65	26.71		
04/22/10	26.72	26.73	26.73	26.72	26.72	26.71	26.71	26.71	26.70	26.70	26.71	26.71	26.69	26.69	26.68	26.70	26.73	26.73	26.75	26.77	26.78	26.78	26.78	26.68	26.72		
04/23/10	26.77	26.77	26.75	26.74	26.76	26.76	26.77	26.79	26.80	26.82	26.83	26.83	26.85	26.84	26.85	26.84	26.85	26.86	26.88	26.89	26.91	26.93	26.93	26.93	26.74	26.83	
04/24/10	26.94	26.95	26.95	26.96	26.97	26.98	26.99	27.01	27.01	27.01	27.01	26.99	26.97	26.97	26.95	26.94	26.91	26.93	26.93	26.94	26.95	26.96	26.97	27.01	26.93	26.97	
04/25/10	26.98	26.97	26.96	26.96	26.96	26.96	26.97	26.99	27.00	27.00	27.00	26.98	26.96	26.95	26.92	26.91	26.89	26.89	26.89	26.90	26.91	26.91	27.00	26.89	26.95		
04/26/10	26.91	26.91	26.90	26.89	26.89	26.88	26.89	26.91	26.91	26.90	26.90	26.89	26.86	26.84	26.82	26.80	26.79	26.79	26.79	26.81	26.83	26.83	26.91	26.79	26.86		
04/27/10	26.83	26.83	26.83	26.83	26.83	26.85	26.87	26.88	26.90	26.91	26.91	26.90	26.88	26.87	26.84	26.83	26.82	26.82	26.82	26.84	26.85	26.88	26.91	26.82	26.86		
04/28/10	26.87	26.87	26.86	26.86	26.86	26.85	26.85	26.86	26.87	26.86	26.86	26.84	26.82	26.79	26.75	26.73	26.71	26.70	26.69	26.70	26.71	26.73	26.87	26.69	26.80		
04/29/10	26.73	26.73	26.71	26.71	26.69	26.68	26.67	26.68	26.72	26.72	26.71	26.71	26.70	26.68	26.67	26.67	26.65	26.65	26.65	26.67	26.69	26.70	26.71	26.73	26.65	26.69	
04/30/10	26.71	26.71	26.69	26.69	26.69	26.70	26.70	26.72	26.74	26.75	26.75	26.75	26.74	26.73	26.72	26.71	26.69	26.69	26.70	26.72	26.74	26.75	26.75	26.69	26.72		

Hourly Averages

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

Maximum Hourly Pressure: 27.06

Minimum Hourly Pressure: 26.65

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 2010
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				
05/01/10	26.75	26.75	26.74	26.72	26.72	26.73	26.74	26.75	26.78	26.79	26.79	26.79	26.78	26.77	26.75	26.73	26.71	26.70	26.70	26.71	26.71	26.72	26.73	26.73	26.79	26.70	26.74	
05/02/10	26.76	26.76	26.77	26.77	26.76	26.76	26.77	26.77	26.78	26.77	26.78	26.76	26.74	26.73	26.73	26.72	26.74	26.78	26.81	26.84	26.88	26.92	26.96	26.98	26.98	26.72	26.79	
05/03/10	27.00	27.01	27.02	27.03	27.03	27.04	27.06	27.09	27.12	27.13	27.15	27.14	27.13	27.12	27.11	27.10	27.09	27.08	27.08	27.08	27.10	27.10	27.08	27.15	27.00	27.08		
05/04/10	27.07	27.06	27.05	27.04	27.02	27.02	27.02	27.03	27.03	27.03	27.02	27.02	27.01	26.99	26.98	26.96	26.93	26.91	26.90	26.89	26.88	26.89	26.89	26.90	26.90	27.07	26.88	26.98
05/05/10	26.91	26.90	26.89	26.89	26.88	26.88	26.89	26.90	26.90	26.91	26.91	26.91	26.90	26.88	26.86	26.84	26.82	26.81	26.81	26.81	26.82	26.84	26.86	26.86	26.91	26.81	26.87	
05/06/10	26.86	26.86	26.85	26.85	26.84	26.84	26.85	26.86	26.87	26.87	26.88	26.88	26.87	26.86	26.85	26.83	26.81	26.81	26.81	26.82	26.83	26.85	26.86	26.88	26.81	26.85		
05/07/10	26.87	26.87	26.86	26.87	26.88	26.89	26.90	26.92	26.94	26.94	26.94	26.94	26.93	26.92	26.90	26.89	26.89	26.88	26.87	26.87	26.89	26.90	26.90	26.95	26.86	26.90		
05/08/10	26.90	26.88	26.88	26.88	26.87	26.88	26.89	26.90	26.91	26.92	26.91	26.90	26.89	26.86	26.85	26.83	26.82	26.81	26.81	26.82	26.83	26.84	26.85	26.92	26.81	26.87		
05/09/10	26.86	26.86	26.86	26.86	26.86	26.87	26.88	26.88	26.87	26.87	26.88	26.88	26.87	26.86	26.85	26.83	26.81	26.79	26.78	26.80	26.82	26.84	26.84	26.91	26.78	26.85		
05/10/10	26.85	26.86	26.88	26.90	26.91	26.94	26.95	26.97	26.98	26.99	26.99	26.98	26.98	26.97	26.95	26.95	26.92	26.92	26.89	26.87	26.86	26.88	26.88	26.99	26.85	26.92		
05/11/10	26.88	26.87	26.86	26.85	26.84	26.84	26.84	26.85	26.86	26.85	26.85	26.84	26.84	26.83	26.82	26.80	26.79	26.79	26.79	26.80	26.81	26.82	26.82	26.88	26.79	26.83		
05/12/10	26.81	26.81	26.80	26.81	26.81	26.82	26.84	26.84	26.87	26.88	26.89	26.89	26.88	26.88	26.87	26.86	26.85	26.85	26.86	26.87	26.89	26.89	26.89	26.80	26.86			
05/13/10	26.89	26.89	26.86	26.86	26.86	26.87	26.88	26.89	26.90	26.90	26.89	26.87	26.86	26.85	26.83	26.83	26.81	26.81	26.81	26.82	26.83	26.83	26.84	26.90	26.81	26.86		
05/14/10	26.84	26.83	26.82	26.83	26.84	26.84	26.86	26.87	26.89	26.91	26.92	26.93	26.92	26.91	26.90	26.88	26.87	26.87	26.87	26.88	26.89	26.90	26.92	26.91	26.93	26.82	26.88	
05/15/10	26.91	26.91	26.91	26.90	26.90	26.90	26.92	26.94	26.94	26.94	26.95	26.94	26.93	26.92	26.91	26.89	26.88	26.87	26.87	26.88	26.90	26.91	26.91	26.95	26.87	26.91		
05/16/10	26.91	26.91	26.90	26.90	26.90	26.91	26.91	26.93	26.94	26.94	26.92	26.92	26.90	26.88	26.87	26.85	26.84	26.84	26.85	26.87	26.89	26.89	26.94	26.82	26.89			
05/17/10	26.91	26.93	26.92	26.91	26.92	26.92	26.93	26.94	26.94	26.93	26.92	26.90	26.88	26.86	26.83	26.83	26.82	26.81	26.83	26.85	26.87	26.89	26.90	26.94	26.81	26.89		
05/18/10	26.89	26.88	26.88	26.88	26.89	26.89	26.90	26.91	26.92	26.92	26.93	26.92	26.91	26.90	26.88	26.86	26.86	26.84	26.85	26.85	26.87	26.89	26.93	26.84	26.89			
05/19/10	26.88	26.89	26.88	26.89	26.89	26.89	26.90	26.92	26.92	26.93	26.93	26.91	26.90	26.88	26.86	26.85	26.84	26.84	26.85	26.85	26.87	26.88	26.93	26.84	26.89			
05/20/10	26.88	26.87	26.87	26.87	26.86	26.86	26.86	26.86	26.87	26.88	26.88	26.86	26.85	26.83	26.83	26.81	26.79	26.79	26.80	26.80	26.81	26.82	26.88	26.79	26.84			
05/21/10	26.81	26.80	26.79	26.78	26.78	26.79	26.81	26.82	26.84	26.83	26.83	26.82	26.81	26.79	26.76	26.75	26.73	26.72	26.72	26.74	26.75	26.77	26.84	26.72	26.78			
05/22/10	26.78	26.77	26.76	26.76	26.76	26.77	26.79	26.80	26.81	26.79	26.79	26.77	26.76	26.74	26.72	26.70	26.70	26.69	26.69	26.69	26.70	26.72	26.72	26.81	26.69	26.75		
05/23/10	26.72	26.73	26.72	26.73	26.71	26.72	26.73	26.74	26.74	26.75	26.75	26.73	26.73	26.71	26.71	26.71	26.71	26.73	26.73	26.76	26.80	26.82	26.84	26.84	26.69	26.74		
05/24/10	26.86	26.87	26.88	26.89	26.89	26.89	26.90	26.93	26.95	26.96	26.95	26.95	26.94	26.91	26.89	26.87	26.86	26.85	26.85	26.86	26.88	26.89	26.96	26.85	26.89			
05/25/10	26.89	26.88	26.88	26.88	26.88	26.88	26.89	26.90	26.91	26.91	26.91	26.91	26.90	26.88	26.87	26.85	26.84	26.84	26.85	26.86	26.87	26.92	26.84	26.88				
05/26/10	26.87	26.86	26.86	26.86	26.86	26.86	26.87	26.88	26.89	26.89	26.88	26.88	26.86	26.84	26.83	26.82	26.82	26.81	26.82	26.83	26.84	26.86	26.89	26.81	26.86			
05/27/10	26.86	26.86	26.86	26.87	26.88	26.89	26.90	26.91	26.92	26.93	26.93	26.92	26.91	26.89	26.87	26.86	26.84	26.83	26.82	26.82	26.83	26.84	26.93	26.82	26.87			
05/28/10	26.87	26.86	26.86	26.86	26.86	26.87	26.88	26.89	26.90	26.91	26.91	26.90	26.88	26.87	26.85	26.82	26.81	26.79	26.77	26.79	26.80	26.82	26.85	26.91	26.77	26.85		
05/29/10	26.86	26.85	26.85	26.84	26.85	26.85	26.86	26.88	26.90	26.90	26.91	26.91	26.90	26.88	26.87	26.85	26.84	26.83	26.83	26.83	26.85	26.86	26.91	26.83	26.86			
05/30/10	26.85	26.85	26.85	26.84	26.84	26.84	26.85	26.86	26.88	26.90	26.90	26.91	26.91	26.90	26.89	26.88	26.87	26.85	26.85	26.85	26.87	26.89	26.91	26.84	26.87			
05/31/10	26.90	26.89	26.89	26.88	26.90	26.90	26.92	26.93	26.95	26.95	26.96	26.96	26.95	26.94	26.92	26.91	26.90	26.89	26.88	26.87	26.88	26.91	26.92	26.96	26.87	26.91		

Maximum Hourly Pressure: 27.15

Minimum Hourly Pressure: 26.69

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 2010

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

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 2010

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			
04/01/10	0.0	0.0	0.0	0.0	0.0	0.1	6.3	91.8	254.5	546.2	756.8	844.0	766.9	694.8	602.9	491.4	509.3	242.2	35.8	0.3	0.0	0.0	0.0	0.0	844.0	0.1	389.6
04/02/10	0.0	0.0	0.0	0.0	0.0	0.2	11.8	148.9	410.7	609.1	747.8	863.0	891.0	769.8	693.1	594.9	416.4	159.7	30.6	0.2	0.0	0.0	0.0	0.0	891.0	0.2	423.1
04/03/10	0.0	0.0	0.0	0.0	0.0	0.1	12.2	146.4	399.9	598.6	755.0	857.0	895.0	873.0	785.5	646.7	474.6	213.3	28.9	0.3	0.0	0.0	0.0	0.0	895.0	0.1	445.8
04/04/10	0.0	0.0	0.0	0.0	0.0	0.1	11.2	151.2	405.3	601.5	756.1	854.0	893.0	872.0	789.1	651.6	479.0	219.1	32.1	0.3	0.0	0.0	0.0	0.0	893.0	0.1	447.7
04/05/10	0.0	0.0	0.0	0.0	0.0	0.1	11.9	155.5	408.7	604.7	758.8	856.0	890.0	867.0	785.1	645.1	466.1	205.2	28.8	0.4	0.0	0.0	0.0	0.0	890.0	0.1	445.6
04/06/10	0.0	0.0	0.0	0.0	0.0	0.1	11.7	160.4	411.7	607.6	780.5	759.1	902.0	883.0	811.0	662.2	488.8	220.0	25.4	0.4	0.0	0.0	0.0	0.0	902.0	0.1	421.6
04/07/10	0.0	0.0	0.0	0.0	0.0	0.1	10.1	192.1	454.0	649.8	802.0	900.0	933.0	907.0	821.0	682.1	496.3	214.7	18.8	0.5	0.0	0.0	0.0	0.0	933.0	0.1	472.1
04/08/10	0.0	0.0	0.0	0.0	0.0	0.1	10.6	198.4	447.0	642.4	794.6	891.0	927.0	903.0	815.0	677.4	491.3	199.8	20.6	0.5	0.0	0.0	0.0	0.0	927.0	0.1	467.9
04/09/10	0.0	0.0	0.0	0.0	0.0	0.1	11.8	196.0	439.9	635.3	790.2	890.0	920.0	904.0	816.0	680.4	492.9	191.4	20.5	0.5	0.0	0.0	0.0	0.0	920.0	0.1	465.9
04/10/10	0.0	0.0	0.0	0.0	0.0	0.1	11.8	200.8	444.9	628.0	749.2	848.0	896.0	861.0	790.0	659.6	493.1	177.8	39.5	0.5	0.0	0.0	0.0	0.0	896.0	0.1	453.4
04/11/10	0.0	0.0	0.0	0.0	0.0	0.2	13.6	199.0	437.1	630.1	781.8	882.0	911.0	886.0	785.7	663.1	481.8	168.3	26.8	0.7	0.0	0.0	0.0	0.0	911.0	0.2	457.8
04/12/10	0.0	0.0	0.0	0.0	0.0	0.2	13.6	206.9	440.5	634.5	793.1	885.0	874.0	890.0	806.0	663.3	479.1	155.0	33.8	0.7	0.0	0.0	0.0	0.0	890.0	0.2	458.4
04/13/10	0.0	0.0	0.0	0.0	0.0	0.2	22.8	113.1	388.4	669.5	761.4	851.0	929.0	893.0	808.0	671.0	487.8	147.7	35.8	0.8	0.0	0.0	0.0	0.0	929.0	0.2	452.0
04/14/10	0.0	0.0	0.0	0.0	0.0	0.3	17.4	222.4	451.0	645.3	794.8	883.0	922.0	889.0	802.0	660.0	479.4	148.1	36.3	0.5	0.0	0.0	0.0	0.0	922.0	0.3	463.4
04/15/10	0.0	0.0	0.0	0.0	0.0	0.3	22.0	219.9	443.6	629.5	787.0	881.0	913.0	837.0	807.0	672.0	489.2	126.1	40.7	0.5	0.0	0.0	0.0	0.0	913.0	0.3	457.9
04/16/10	0.0	0.0	0.0	0.0	0.0	0.3	51.4	199.5	409.4	441.5	549.3	630.3	350.3	317.1	366.0	268.8	246.8	85.3	46.6	1.0	0.0	0.0	0.0	0.0	630.3	0.3	264.2
04/17/10	0.0	0.0	0.0	0.0	0.0	0.3	29.9	213.8	438.6	623.9	766.4	844.0	897.0	826.0	769.6	629.7	386.8	131.4	40.2	0.5	0.0	0.0	0.0	0.0	897.0	0.3	439.9
04/18/10	0.0	0.0	0.0	0.0	0.0	0.2	31.5	182.1	398.4	625.1	740.5	787.8	901.0	867.0	772.0	640.3	463.9	100.4	40.2	1.1	0.0	0.0	0.0	0.0	901.0	0.2	436.8
04/19/10	0.0	0.0	0.0	0.0	0.0	0.2	23.6	79.0	190.8	291.7	366.2	473.5	332.5	601.8	671.4	450.1	352.7	87.7	41.3	1.4	0.0	0.0	0.0	0.0	671.4	0.2	264.3
04/20/10	0.0	0.0	0.0	0.0	0.0	0.6	27.5	226.6	439.2	620.1	778.2	762.2	742.1	850.0	687.7	560.0	420.2	84.8	38.1	1.1	0.0	0.0	0.0	0.0	850.0	0.6	415.9
04/21/10	0.0	0.0	0.0	0.0	0.0	0.6	25.6	141.4	159.9	263.3	225.1	288.0	720.5	849.0	438.1	207.6	217.1	77.3	23.9	0.6	0.0	0.0	0.0	0.0	849.0	0.6	242.5
04/22/10	0.0	0.0	0.0	0.0	0.0	0.9	30.8	242.6	444.9	603.7	211.5	381.8	563.4	533.2	259.5	232.6	153.4	59.3	26.5	0.4	0.0	0.0	0.0	0.0	603.7	0.4	249.6
04/23/10	0.0	0.0	0.0	0.0	0.0	1.0	45.7	193.0	388.6	420.6	620.7	497.7	504.5	523.7	526.0	624.7	252.9	129.2	45.3	0.9	0.0	0.0	0.0	0.0	624.7	0.9	318.3
04/24/10	0.0	0.0	0.0	0.0	0.0	1.1	33.4	239.4	467.0	653.0	801.0	894.0	922.0	890.0	810.0	672.1	456.8	46.9	31.4	1.8	0.0	0.0	0.0	0.0	922.0	1.1	461.3
04/25/10	0.0	0.0	0.0	0.0	0.0	1.2	35.0	243.6	475.3	662.3	807.0	898.0	935.0	904.0	826.0	686.2	455.2	40.8	28.2	1.9	0.0	0.0	0.0	0.0	935.0	1.2	466.6
04/26/10	0.0	0.0	0.0	0.0	0.0	1.3	37.2	250.9	480.7	665.7	810.0	898.0	931.0	904.0	821.0	686.6	420.6	93.1	32.9	2.0	0.0	0.0	0.0	0.0	931.0	1.3	469.0
04/27/10	0.0	0.0	0.0	0.0	0.0	1.4	39.3	250.2	477.4	661.7	805.0	896.0	930.0	899.0	802.0	538.5	406.7	131.4	56.4	1.1	0.0	0.0	0.0	0.0	930.0	1.1	459.7
04/28/10	0.0	0.0	0.0	0.0	0.0	0.8	40.9	173.9	390.3	650.2	808.0	905.0	903.0	891.0	818.0	675.3	421.0	40.8	25.5	2.2	0.0	0.0	0.0	0.0	905.0	0.8	449.7
04/29/10	0.0	0.0	0.0	0.0	0.0	1.1	20.0	67.1	151.3	498.2	548.4	549.7	871.0	553.1	526.2	429.7	283.3	94.6	45.3	2.4	0.0	0.0	0.0	0.0	871.0	1.1	309.4
04/30/10	0.0	0.0	0.0	0.0	0.0	1.9	45.1	276.9	506.9	695.9	823.0	923.0	904.0	932.0	863.0	729.1	447.5	52.8	28.6	2.3	0.0	0.0	0.0	0.0	932.0	1.9	482.1

Hourly Averages
0.0 0.0 0.0 0.0 0.5 23.8 186.1 401.9 590.3 695.6 785.8 829.0 809.0 722.5 591.7 420.3 134.8 33.5 0.9 0.0 0.0 0.0
Note: All Statistics Based on Daylight Hours

Maximum Hourly Radiation: 935.0 **Minimum Hourly Radiation:** 0.1 **Average Monthly Radiation:** 415.1
Maximum 24-Hour Mean: 482.1 **Minimum 24-Hour Mean:** 242.5

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

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

MAY 2010

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			
05/01/10	0.0	0.0	0.0	0.0	0.0	2.0	46.9	277.9	504.2	687.3	831.0	919.0	946.0	916.0	836.0	695.9	273.7	115.1	46.0	2.2	0.0	0.0	0.0	0.0	946.0	2.0	473.3
05/02/10	0.0	0.0	0.0	0.0	0.0	2.3	74.3	250.5	302.4	468.2	636.2	404.7	540.1	436.1	147.9	247.6	304.7	102.6	42.5	2.9	0.0	0.0	0.0	0.0	636.2	2.3	264.2
05/03/10	0.0	0.0	0.0	0.0	0.0	2.3	55.2	286.5	515.3	698.4	839.0	926.0	955.0	924.0	843.0	706.0	387.5	29.8	42.4	2.9	0.0	0.0	0.0	0.0	955.0	2.3	480.9
05/04/10	0.0	0.0	0.0	0.0	0.0	2.4	54.8	288.6	516.0	701.0	844.0	932.0	960.0	931.0	852.0	716.3	384.1	30.7	48.5	3.1	0.0	0.0	0.0	0.0	960.0	2.4	484.3
05/05/10	0.0	0.0	0.0	0.0	0.0	2.5	57.6	285.4	514.2	698.3	844.0	931.0	958.0	927.0	841.0	709.2	369.9	36.2	56.8	3.0	0.0	0.0	0.0	0.0	958.0	2.5	482.3
05/06/10	0.0	0.0	0.0	0.0	0.0	2.8	63.4	287.1	517.7	701.4	844.0	931.0	957.0	924.0	841.0	704.8	356.2	31.5	59.4	3.3	0.0	0.0	0.0	0.0	957.0	2.8	481.6
05/07/10	0.0	0.0	0.0	0.0	0.0	2.8	62.8	280.7	505.9	685.6	826.0	912.0	940.0	910.0	832.0	697.0	344.3	33.5	57.7	3.5	0.0	0.0	0.0	0.0	940.0	2.8	472.9
05/08/10	0.0	0.0	0.0	0.0	0.0	3.7	39.9	283.6	432.6	651.3	666.1	865.0	892.0	920.0	772.5	673.3	304.6	38.0	57.2	4.3	0.0	0.0	0.0	0.0	920.0	3.7	440.3
05/09/10	0.0	0.0	0.0	0.0	0.0	3.2	58.0	257.0	386.4	611.7	700.3	828.0	933.0	906.0	828.0	694.6	331.8	53.9	51.8	4.8	0.0	0.0	0.0	0.0	933.0	3.2	443.2
05/10/10	0.0	0.0	0.0	0.0	0.0	3.9	75.2	304.7	530.0	712.2	849.0	930.0	961.0	929.0	848.0	711.5	326.5	41.5	57.2	4.9	0.0	0.0	0.0	0.0	961.0	3.9	485.6
05/11/10	0.0	0.0	0.0	0.0	0.0	4.3	74.9	296.9	516.4	698.6	841.0	930.0	955.0	921.0	844.0	712.6	320.4	42.4	44.4	5.5	0.0	0.0	0.0	0.0	955.0	4.3	480.5
05/12/10	0.0	0.0	0.0	0.0	0.0	4.1	78.8	309.0	527.2	706.6	848.0	932.0	957.0	923.0	844.0	710.4	304.4	38.7	35.9	4.7	0.0	0.0	0.0	0.0	957.0	4.1	481.6
05/13/10	0.0	0.0	0.0	0.0	0.0	5.6	82.9	234.8	385.8	577.4	774.0	850.0	931.0	901.0	847.0	665.1	239.8	140.9	55.8	9.4	0.0	0.0	0.0	0.0	931.0	5.6	446.7
05/14/10	0.0	0.0	0.0	0.0	0.0	3.8	77.3	237.6	443.1	698.9	810.0	919.0	946.0	918.0	838.0	704.8	288.4	45.0	48.2	4.7	0.0	0.0	0.0	0.0	946.0	3.8	465.5
05/15/10	0.0	0.0	0.0	0.0	0.0	3.9	81.3	234.1	480.9	702.2	826.0	979.0	1004.0	932.0	838.0	701.5	277.7	49.3	55.5	6.6	0.0	0.0	0.0	0.0	1004.0	3.9	478.1
05/16/10	0.0	0.0	0.0	0.0	0.0	4.5	76.9	311.2	518.1	695.5	833.0	917.0	947.0	918.0	838.0	701.6	270.2	54.3	53.5	7.1	0.0	0.0	0.0	0.0	947.0	4.5	476.4
05/17/10	0.0	0.0	0.0	0.0	0.0	5.1	77.5	311.2	515.9	691.4	829.0	895.0	819.0	592.7	619.2	473.0	305.0	109.0	69.6	7.5	0.0	0.0	0.0	0.0	895.0	5.1	421.3
05/18/10	0.0	0.0	0.0	0.0	0.0	5.0	77.0	305.6	421.1	563.1	811.0	888.0	935.0	872.0	820.0	659.7	277.0	85.0	64.0	10.9	0.0	0.0	0.0	0.0	935.0	5.0	453.0
05/19/10	0.0	0.0	0.0	0.0	0.0	4.6	80.1	322.9	522.8	698.9	834.0	916.0	941.0	911.0	835.0	705.4	275.6	52.9	47.9	7.7	0.0	0.0	0.0	0.0	941.0	4.6	477.1
05/20/10	0.0	0.0	0.0	0.0	0.0	5.5	81.1	322.0	521.7	698.9	835.0	918.0	944.0	913.0	837.0	707.2	282.2	61.6	51.8	8.6	0.0	0.0	0.0	0.0	944.0	5.5	479.2
05/21/10	0.0	0.0	0.0	0.0	0.0	5.1	80.9	325.0	521.3	699.2	837.0	919.0	943.0	915.0	838.0	705.9	281.7	63.6	51.8	8.0	0.0	0.0	0.0	0.0	943.0	5.1	479.6
05/22/10	0.0	0.0	0.0	0.0	0.0	5.3	82.8	331.7	527.9	704.2	839.0	916.0	943.0	911.0	835.0	704.8	284.0	67.0	52.6	8.2	0.0	0.0	0.0	0.0	943.0	5.3	480.8
05/23/10	0.0	0.0	0.0	0.0	0.0	5.6	82.3	328.7	522.5	696.4	829.0	910.0	934.0	904.0	826.0	701.7	291.0	80.0	57.2	8.1	0.0	0.0	0.0	0.0	934.0	5.6	478.4
05/24/10	0.0	0.0	0.0	0.0	0.0	5.8	90.9	359.8	553.5	730.8	862.0	943.0	952.0	941.0	863.0	732.1	299.5	72.6	54.8	9.9	0.0	0.0	0.0	0.0	952.0	5.8	498.0
05/25/10	0.0	0.0	0.0	0.0	0.0	5.7	88.8	345.7	537.6	714.3	851.0	932.0	957.0	929.0	855.0	725.7	301.6	73.3	48.6	8.6	0.0	0.0	0.0	0.0	957.0	5.7	491.6
05/26/10	0.0	0.0	0.0	0.0	0.0	5.8	86.2	342.5	535.9	713.0	849.0	931.0	957.0	925.0	851.0	721.4	310.1	75.6	53.4	10.1	0.0	0.0	0.0	0.0	957.0	5.8	491.1
05/27/10	0.0	0.0	0.0	0.0	0.0	5.6	85.8	341.6	535.0	712.5	851.0	932.0	959.0	938.0	862.0	733.8	329.4	77.9	55.3	10.3	0.0	0.0	0.0	0.0	959.0	5.6	495.3
05/28/10	0.0	0.0	0.0	0.0	0.0	6.2	81.1	324.9	518.8	694.4	834.0	914.0	945.0	918.0	845.0	714.0	340.8	80.3	57.1	10.1	0.0	0.0	0.0	0.0	945.0	6.2	485.6
05/29/10	0.0	0.0	0.0	0.0	0.0	5.6	85.3	341.5	534.8	710.5	846.0	927.0	954.0	927.0	854.0	726.3	357.1	77.7	61.7	10.4	0.0	0.0	0.0	0.0	954.0	5.6	494.6
05/30/10	0.0	0.0	0.0	0.0	0.0	5.6	82.1	340.5	532.2	707.7	843.0	924.0	947.0	924.0	852.0	722.0	365.4	85.2	68.3	10.9	0.0	0.0	0.0	0.0	947.0	5.6	494.0
05/31/10	0.0	0.0	0.0	0.0	0.0	5.9	81.4	337.5	527.2	700.4	837.0	917.0	943.0	915.0	844.0	718.0	371.5	91.9	73.0	11.0	0.0	0.0	0.0	0.0	943.0	5.9	491.6

Hourly Averages
 0.0 0.0 0.0 0.0 0.0 4.4 74.3 303.4 497.6 681.6 819.3 899.6 930.8 892.6 810.5 684.0 314.7 65.7 54.2 6.9 0.0 0.0 0.0 0.0

Maximum Hourly Radiation: 1004.0 **Minimum Hourly Radiation:** 2.0 **Average Monthly Radiation:** 469.3

Maximum 24-Hour Mean: 498.0 **Minimum 24-Hour Mean:** 264.2

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 2010

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			
06/01/10	0.0	0.0	0.0	0.0	0.0	6.4	81.6	328.7	520.6	697.9	835.0	913.0	938.0	910.0	844.0	727.8	347.3	163.8	60.5	6.4	0.0	0.0	0.0	938.0	0.0	434.2	
06/02/10	0.0	0.0	0.0	0.0	0.0	6.5	85.5	324.7	524.2	696.6	833.0	918.0	945.0	918.0	845.0	720.9	385.4	116.7	76.0	9.0	0.0	0.0	0.0	945.0	0.0	435.6	
06/03/10	0.0	0.0	0.0	0.0	0.0	9.8	86.3	329.8	521.7	696.0	830.0	909.0	937.0	911.0	839.0	708.8	382.6	117.8	93.3	12.9	0.0	0.0	0.0	937.0	0.0	434.4	
06/04/10	0.0	0.0	0.0	0.0	0.0	5.9	82.0	328.4	514.2	682.8	814.0	901.0	910.0	901.0	829.0	699.1	380.0	123.7	81.1	9.9	0.0	0.0	0.0	910.0	0.0	427.2	
06/05/10	0.0	0.0	0.0	0.0	0.0	5.3	79.6	331.2	520.1	690.8	824.0	907.0	951.0	904.0	831.0	708.6	386.9	128.1	82.8	9.4	0.0	0.0	0.0	931.0	0.0	431.8	
06/06/10	0.0	0.0	0.0	0.0	0.0	5.1	76.8	310.6	497.7	664.7	802.0	884.0	913.0	888.0	817.0	696.1	385.1	130.6	82.6	10.1	0.0	0.0	0.0	913.0	0.0	421.4	
06/07/10	0.0	0.0	0.0	0.0	0.0	7.6	74.3	177.2	340.6	613.4	756.9	889.0	926.0	927.0	850.0	718.9	406.4	136.4	88.6	9.9	0.0	0.0	0.0	927.0	0.0	407.2	
06/08/10	0.0	0.0	0.0	0.0	0.0	6.4	75.6	329.4	520.1	695.1	841.0	913.0	889.0	852.0	703.8	689.7	401.8	161.6	105.7	16.9	0.0	0.0	0.0	913.0	0.0	423.6	
06/09/10	0.0	0.0	0.0	0.0	0.1	6.1	78.1	308.2	523.7	695.1	821.0	883.0	923.0	912.0	846.0	718.2	410.2	128.6	96.6	13.9	0.0	0.0	0.0	923.0	0.0	433.2	
06/10/10	0.0	0.0	0.0	0.0	0.0	5.3	75.3	324.6	511.8	681.6	816.0	903.0	799.2	907.0	835.0	708.8	405.0	119.5	87.3	9.7	0.0	0.0	0.0	907.0	0.0	422.9	
06/11/10	0.0	0.0	0.0	0.0	0.0	6.7	77.9	323.2	483.9	659.2	824.0	814.0	880.0	682.5	566.3	687.7	381.4	168.6	68.1	7.4	0.0	0.0	0.0	880.0	0.0	390.1	
06/12/10	0.0	0.0	0.0	0.0	0.1	7.0	82.3	332.2	524.5	698.9	826.0	783.5	841.0	837.0	833.0	629.6	411.7	122.9	86.9	10.5	0.1	0.0	0.0	841.0	0.1	413.4	
06/13/10	0.0	0.0	0.0	0.0	0.1	6.5	78.7	323.2	514.4	686.7	822.0	907.0	934.0	906.0	835.0	712.4	418.5	119.4	92.1	10.3	0.1	0.0	0.0	934.0	0.1	433.3	
06/14/10	0.0	0.0	0.0	0.0	0.0	6.0	77.5	323.8	513.9	686.1	822.0	904.0	929.0	903.0	834.0	712.7	422.7	117.9	93.9	9.9	0.1	0.0	0.0	929.0	0.0	432.7	
06/15/10	0.0	0.0	0.0	0.0	0.0	5.7	77.6	330.0	520.6	693.6	831.0	913.0	941.0	913.0	845.0	723.7	432.1	120.0	93.6	10.5	0.1	0.0	0.0	941.0	0.0	438.3	
06/16/10	0.0	0.0	0.0	0.0	0.0	5.9	77.3	325.7	518.1	691.9	832.0	912.0	937.0	911.0	839.0	730.3	434.9	119.4	94.3	11.2	0.1	0.0	0.0	937.0	0.0	437.7	
06/17/10	0.0	0.0	0.0	0.0	0.0	5.9	78.2	330.4	524.5	698.6	836.0	918.0	947.0	926.0	857.0	734.4	445.0	121.3	98.8	10.7	0.1	0.0	0.0	947.0	0.0	443.1	
06/18/10	0.0	0.0	0.0	0.0	0.0	5.8	78.5	333.8	528.8	702.6	843.0	925.0	956.0	932.0	865.0	734.3	444.1	123.8	101.7	10.1	0.1	0.0	0.0	956.0	0.0	446.2	
06/19/10	0.0	0.0	0.0	0.0	0.0	5.4	79.7	341.1	538.4	712.4	848.0	934.0	960.0	937.0	865.0	737.8	450.0	120.9	99.4	10.5	0.1	0.0	0.0	960.0	0.0	449.4	
06/20/10	0.0	0.0	0.0	0.0	0.0	6.0	75.1	326.5	525.0	700.6	839.0	922.0	954.0	931.0	862.0	738.0	452.4	120.6	100.4	10.8	0.1	0.0	0.0	954.0	0.0	444.9	
06/21/10	0.0	0.0	0.0	0.0	0.1	5.5	75.1	331.7	521.9	695.8	837.0	922.0	950.0	926.0	855.0	731.2	450.8	122.0	102.5	10.8	0.1	0.0	0.0	950.0	0.1	443.4	
06/22/10	0.0	0.0	0.0	0.0	0.0	4.5	75.8	340.6	543.4	720.8	862.0	944.0	976.0	953.0	885.0	758.0	469.5	120.4	105.0	11.7	0.1	0.0	0.0	976.0	0.0	457.0	
06/23/10	0.0	0.0	0.0	0.0	0.0	5.8	74.1	331.8	523.3	700.1	839.0	923.0	951.0	925.0	857.0	735.6	455.5	114.7	100.6	11.6	0.1	0.0	0.0	951.0	0.0	444.0	
06/24/10	0.0	0.0	0.0	0.0	0.0	5.0	55.9	303.4	506.1	672.3	780.9	888.0	914.0	890.0	824.0	708.6	443.9	117.1	110.7	23.7	0.1	0.0	0.0	914.0	0.0	426.1	
06/25/10	0.0	0.0	0.0	0.0	0.0	3.5	113.6	132.8	149.7	221.5	799.8	496.1	636.5	872.0	837.0	717.7	437.0	112.8	98.0	14.9	0.1	0.0	0.0	872.0	0.0	331.9	
06/26/10	0.0	0.0	0.0	0.0	0.0	4.8	69.7	322.0	514.3	685.0	822.0	909.0	942.0	917.0	843.0	723.0	449.9	113.7	101.5	13.0	0.1	0.0	0.0	942.0	0.0	437.1	
06/27/10	0.0	0.0	0.0	0.0	0.0	5.0	70.1	320.5	513.2	687.2	824.0	914.0	943.0	917.0	850.0	730.5	456.6	109.2	101.0	14.0	0.1	0.0	0.0	943.0	0.0	438.6	
06/28/10	0.0	0.0	0.0	0.0	0.0	5.5	66.7	309.4	498.0	669.4	803.0	886.0	923.0	700.5	379.1	125.1	263.0	127.4	69.4	13.7	0.1	0.0	0.0	923.0	0.0	343.5	
06/29/10	0.0	0.0	0.0	0.0	0.0	5.3	65.1	299.5	491.6	661.3	795.7	883.0	913.0	891.0	841.0	704.6	94.7	82.4	46.2	12.9	0.1	0.0	0.0	913.0	0.0	399.3	
06/30/10	0.0	0.0	0.0	0.0	0.0	5.0	69.7	304.6	428.4	662.4	791.0	871.0	908.0	934.0	442.0	200.5	161.5	150.9	122.9	16.7	0.1	0.0	0.0	934.0	0.0	357.0	

Note: All Statistics Based on Daylight Hours

APPENDIX KC2-H
HOURLY EVAPORATION DATA

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

APRIL 2010

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		
04/01/10	0.005	0.013	0.007	0.004	0.008	0.002	0.000	0.003	0.001	0.006	0.006	0.013	0.018	0.015	0.026	0.023	0.015	0.020	0.025	0.015	0.007	0.005	0.005	0.005	0.247	
04/02/10	0.002	0.003	0.003	0.003	0.005	0.005	0.000	0.001	0.002	0.000	0.006	0.008	0.015	0.013	0.015	0.030	0.031	0.017	0.017	0.007	0.013	0.005	0.007	0.005	0.213	
04/03/10	0.008	0.005	0.003	0.005	0.005	0.005	0.008	0.016	0.006	0.006	0.011	0.011	0.013	0.026	0.028	0.028	0.030	0.025	0.015	0.012	0.007	0.005	0.007	0.007	0.296	
04/04/10	0.005	0.005	0.005	0.005	0.003	0.005	0.003	0.000	0.001	0.014	0.011	0.016	0.003	0.034	0.020	0.036	0.030	0.025	0.028	0.012	0.015	0.007	0.007	0.005	0.295	
04/05/10	0.007	0.005	0.005	0.005	0.005	0.005	0.001	0.001	0.016	0.016	0.023	0.000	0.051	0.041	0.030	0.038	0.033	0.027	0.020	0.010	0.015	0.002	0.015	0.007	0.005	0.376
04/06/10	0.005	0.003	0.005	0.005	0.003	0.002	0.005	0.000	0.001	0.016	0.003	0.016	0.018	0.036	0.049	0.028	0.026	0.028	0.015	0.007	0.005	0.005	0.010	0.291		
04/07/10	0.008	0.008	0.018	0.041	0.013	0.000	0.007	0.016	0.000	0.018	0.011	0.005	0.026	0.011	0.018	0.021	0.023	0.018	0.015	0.012	0.010	0.007	0.008	0.015	0.329	
04/08/10	0.018	0.033	0.010	0.018	0.000	0.013	0.010	0.008	0.016	INV	0.229	0.009	0.009	0.017	0.013	0.023	0.033	0.020	0.028	0.021	0.016	0.017	0.019	0.007	0.587	
04/09/10	0.015	0.007	0.010	0.008	0.011	0.004	0.004	0.002	0.002	0.007	0.009	0.016	0.024	0.019	0.038	0.028	0.045	0.043	0.035	0.019	0.014	0.012	0.009	0.013	0.394	
04/10/10	0.010	0.007	0.008	0.010	0.005	0.011	0.008	0.008	0.004	0.012	0.014	0.021	0.016	0.031	0.026	0.033	0.033	0.035	0.029	0.017	0.019	0.020	0.012	0.013	0.402	
04/11/10	0.012	0.010	0.010	0.005	0.005	0.010	0.008	0.003	0.002	0.015	0.011	0.022	0.026	0.031	0.031	0.038	0.023	0.043	0.024	0.019	0.017	0.015	0.010	0.007	0.397	
04/12/10	0.007	0.018	0.007	0.005	0.005	0.010	0.005	0.001	0.001	0.021	0.014	0.021	0.029	0.046	0.029	0.046	0.051	0.047	0.035	0.024	0.012	0.010	0.015	0.004	0.463	
04/13/10	0.005	0.003	0.003	0.005	0.003	0.005	0.005	0.000	0.007	0.006	0.013	0.019	0.015	0.023	0.049	0.023	0.025	0.025	0.020	0.007	0.010	0.007	0.004	0.287		
04/14/10	0.008	0.005	0.008	0.008	0.003	0.005	0.013	0.000	0.004	0.019	0.008	0.016	0.024	0.021	0.033	0.028	0.033	0.035	0.030	0.020	0.007	0.010	0.007	0.007	0.352	
04/15/10	0.008	0.005	0.007	0.008	0.005	0.008	0.005	0.001	0.000	0.002	0.014	0.011	0.023	0.029	0.020	0.038	0.033	0.035	0.033	0.012	0.009	0.008	0.012	0.008	0.334	
04/16/10	0.005	0.010	0.007	0.005	0.005	0.005	0.005	0.000	0.001	0.003	0.008	0.013	INV	0.049	0.018	0.026	0.018	0.025	0.015	0.014	0.009	0.009	0.010	0.009	0.269	
04/17/10	0.008	0.008	0.007	0.011	0.004	0.005	0.006	0.004	0.000	0.005	0.002	0.009	0.014	0.024	0.023	0.023	0.048	0.035	0.042	0.019	0.014	0.012	0.010	0.010	0.343	
04/18/10	0.015	0.005	0.008	0.010	0.005	0.005	0.008	0.006	0.002	0.006	0.008	0.016	0.024	0.021	0.041	0.046	0.046	0.037	0.035	0.018	0.020	0.015	0.009	0.010	0.416	
04/19/10	0.012	0.010	0.009	0.005	0.005	0.010	0.008	0.005	0.003	0.006	0.004	0.026	0.015	0.003	0.012	0.018	0.012	0.031	0.024	0.017	0.015	0.012	0.010	0.008	0.280	
04/20/10	0.007	0.010	0.008	0.007	0.005	0.005	0.005	0.000	0.000	0.004	0.006	0.011	0.026	0.018	0.028	0.036	0.046	0.035	0.019	0.012	0.010	0.010	0.013	0.012	0.333	
04/21/10	0.010	0.005	0.012	0.008	0.009	0.007	0.010	0.008	0.000	0.011	0.005	0.018	0.000	0.058	0.037	0.025	0.020	0.009	0.020	0.013	0.005	0.012	0.005	0.005	0.315	
04/22/10	0.005	0.007	0.008	0.002	0.003	0.005	0.002	0.012	0.000	0.001	0.010	0.015	0.004	0.006	0.025	0.007	0.018	0.007	0.015	0.000	0.004	0.000	0.003	0.174		
04/23/10	0.002	0.002	0.002	0.005	0.000	0.003	0.005	0.000	0.001	0.003	0.000	0.001	0.018	0.010	0.016	0.000	0.041	0.013	0.023	0.013	0.013	0.007	0.005	0.007	0.190	
04/24/10	0.005	0.002	0.008	0.002	0.003	0.002	0.005	0.000	0.000	0.009	0.014	0.021	0.031	0.023	0.026	0.036	0.025	0.030	0.017	0.017	0.010	0.010	0.005	0.301		
04/25/10	0.005	0.007	0.005	0.005	0.005	0.005	0.002	0.000	0.001	0.009	0.013	0.024	0.026	0.046	0.036	0.041	0.035	0.035	0.017	0.010	0.012	0.007	0.007	0.358		
04/26/10	0.005	0.010	0.005	0.005	0.010	0.008	0.005	0.000	0.000	0.003	0.009	INV	0.064	0.016	0.031	0.031	0.030	0.040	0.027	0.014	0.014	0.015	0.010	0.012	0.364	
04/27/10	0.012	0.023	0.010	0.008	0.010	0.007	0.005	0.000	0.002	0.007	0.009	0.024	0.023	0.037	0.036	0.046	0.040	0.045	0.043	0.026	0.009	0.015	0.012	0.010	0.459	
04/28/10	0.010	0.009	0.008	0.007	0.008	0.013	0.007	0.000	0.005	0.004	0.019	0.016	0.039	0.049	0.031	0.059	0.048	0.036	0.061	0.024	0.025	0.017	0.013	0.017	0.525	
04/29/10	0.012	0.012	0.007	0.012	0.007	0.008	0.005	0.000	0.015	0.008	0.010	0.020	0.031	0.026	0.023	0.043	0.028	0.025	0.038	0.022	0.010	0.022	0.018	0.003	0.405	
04/30/10	0.004	0.005	0.005	0.002	0.005	0.005	0.003	0.002	0.000	0.006	0.018	0.013	0.026	0.024	0.031	0.026	0.036	0.040	0.020	0.017	0.009	0.008	0.005	0.007	0.317	

Total Evaporation for the month = 10.312

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 2010

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	
05/01/10	0.008	0.005	0.005	0.005	0.002	0.005	0.002	0.002	0.001	0.009	0.008	0.011	0.016	0.039	0.038	0.046	0.033	0.020	0.028	0.033	0.018	0.012	0.008	0.007	0.361
05/02/10	0.007	0.002	0.003	0.008	0.005	0.008	0.000	0.006	0.016	0.003	0.006	0.020	0.008	0.049	0.022	0.000	0.057	0.028	0.017	0.023	0.010	0.005	0.007	0.004	0.314
05/03/10	0.003	0.005	0.002	0.005	0.005	0.005	0.000	0.001	0.007	0.004	0.011	0.013	0.021	0.024	0.028	0.031	0.033	0.038	0.028	0.020	0.012	0.007	0.007	0.007	0.317
05/04/10	0.008	0.008	0.008	0.005	0.008	0.002	0.000	0.001	0.001	0.006	0.011	0.013	0.018	0.031	0.046	0.026	0.046	0.035	0.030	0.025	0.010	0.012	0.012	0.005	0.367
05/05/10	0.005	0.008	0.005	0.008	0.008	0.003	0.006	0.006	0.006	0.010	0.016	0.022	0.039	0.067	0.041	0.064	0.058	0.055	0.053	0.029	0.018	0.014	0.013	0.012	0.562
05/06/10	0.010	0.010	0.008	0.009	0.013	0.013	0.005	0.000	0.015	0.019	0.017	0.033	0.024	0.051	0.036	0.056	0.046	0.046	0.045	0.034	0.014	0.012	0.012	0.012	0.540
05/07/10	0.010	0.010	0.009	0.008	0.008	0.008	0.005	0.004	0.009	0.009	0.011	0.019	0.034	0.029	0.039	0.051	0.038	0.033	0.035	0.022	0.011	0.015	0.013	0.015	0.445
05/08/10	0.010	0.010	0.010	0.010	0.007	0.005	0.001	0.007	0.014	0.018	0.024	0.042	0.034	0.049	0.041	0.046	0.053	0.030	0.025	0.014	0.015	0.012	0.012	0.012	0.499
05/09/10	0.010	0.012	0.010	0.007	0.010	0.007	0.008	0.001	0.011	0.006	0.019	0.021	0.029	0.034	0.049	0.051	0.059	0.043	0.043	0.030	0.022	0.020	0.028	0.022	0.552
05/10/10	0.025	0.015	0.020	0.012	0.012	0.005	0.003	0.004	0.003	0.004	0.011	0.016	0.021	0.029	0.043	0.043	0.033	0.025	0.028	0.019	0.010	0.010	0.012	0.008	0.411
05/11/10	0.008	0.005	0.008	0.002	0.002	0.005	0.001	0.006	0.016	0.018	0.023	0.000	0.041	0.028	0.059	0.054	0.036	0.033	0.017	0.020	0.005	0.004	0.005	0.398	
05/12/10	0.005	0.005	0.002	0.005	0.005	0.002	0.003	0.001	0.001	0.003	0.011	0.021	0.028	0.021	0.036	0.028	0.041	0.023	0.035	0.020	0.015	0.015	0.005	0.007	0.338
05/13/10	0.005	0.005	0.005	0.008	0.003	0.005	0.000	0.008	0.008	0.001	0.003	0.019	0.016	0.028	0.031	0.038	0.035	0.030	0.033	0.023	0.018	0.003	0.010	0.007	0.342
05/14/10	0.007	0.005	0.005	0.005	0.005	0.008	0.003	0.000	0.003	0.003	0.021	0.026	0.028	0.051	0.021	0.041	0.036	0.033	0.025	0.020	0.012	0.005	0.013	0.008	0.384
05/15/10	0.005	0.005	0.005	0.008	0.003	0.008	0.005	0.000	0.000	0.003	0.013	0.016	0.041	0.028	0.044	0.048	0.051	0.038	0.033	0.023	0.012	0.010	0.013	0.013	0.425
05/16/10	0.005	0.005	0.010	0.005	0.005	0.005	0.002	0.000	0.000	0.011	0.023	0.013	0.044	0.033	0.031	0.031	0.046	0.033	0.033	0.020	0.013	0.010	0.010	0.008	0.396
05/17/10	0.008	0.010	0.008	0.008	0.005	0.003	0.005	0.003	0.018	0.008	0.041	0.028	0.036	0.041	0.018	0.013	0.003	0.005	0.000	0.002	0.000	0.000	0.000	0.263	
05/18/10	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.005	INV	0.187	0.092	0.041	0.032	0.029	0.027	0.009	0.007	0.008	0.008	0.450
05/19/10	0.004	0.005	0.007	0.005	0.008	0.003	0.000	0.000	0.002	0.006	0.014	0.017	0.023	0.031	0.033	0.049	0.038	0.046	0.037	0.029	0.014	0.012	0.012	0.013	0.408
05/20/10	0.007	0.010	0.005	0.009	0.010	0.005	0.000	0.002	0.000	0.007	0.011	0.029	0.033	0.026	0.042	0.038	0.051	0.040	0.030	0.037	0.021	0.015	0.009	0.013	0.450
05/21/10	0.010	0.010	0.008	0.013	0.013	0.007	0.005	0.004	0.002	0.009	0.014	0.031	0.041	0.045	0.018	0.061	0.069	0.048	0.055	0.035	0.035	0.014	0.010	0.010	0.567
05/22/10	0.008	0.010	0.008	0.007	0.007	0.007	0.005	0.003	0.017	0.021	0.029	0.033	0.041	0.033	0.052	0.041	0.053	0.043	0.035	0.029	0.017	0.014	0.008	0.010	0.531
05/23/10	0.015	0.007	0.008	0.008	0.005	0.005	0.000	0.009	0.018	0.026	0.018	0.041	0.054	0.036	0.023	0.059	0.030	0.058	0.025	0.015	0.018	0.015	0.007	0.500	
05/24/10	0.007	0.008	0.002	0.005	0.002	0.005	0.003	0.000	0.001	0.016	0.003	0.014	0.018	0.020	0.036	0.033	0.036	0.033	0.031	0.025	0.009	0.010	0.008	0.332	
05/25/10	0.005	0.007	0.005	0.005	0.005	0.000	0.001	0.001	0.014	0.006	0.013	0.031	0.023	0.033	0.041	0.038	0.048	0.030	0.025	0.012	0.015	0.012	0.012	0.387	
05/26/10	0.008	0.008	0.007	0.005	0.008	0.005	0.003	0.000	0.001	0.006	0.013	0.023	0.036	0.039	0.041	0.058	0.046	0.035	0.035	0.017	0.012	0.013	0.010	0.441	
05/27/10	0.013	0.007	0.005	0.010	0.005	0.008	0.003	INV	0.000	0.005	0.009	0.019	0.027	0.031	0.041	0.041	0.043	0.051	0.039	0.042	0.024	0.019	0.015	0.017	0.474
05/28/10	0.015	0.010	0.009	0.010	0.007	0.010	0.001	0.000	0.002	0.007	0.012	0.023	0.037	0.038	0.038	0.071	0.046	0.046	0.047	0.042	0.022	0.011	0.013	0.012	0.529
05/29/10	0.015	0.010	0.009	0.009	0.008	0.008	0.003	0.000	0.002	0.007	0.014	0.021	0.028	0.044	0.051	0.049	0.043	0.046	0.035	0.034	0.016	0.012	0.013	0.012	0.489
05/30/10	0.010	0.007	0.008	0.007	0.005	0.010	0.003	0.000	0.002	0.002	0.014	0.021	0.036	0.044	0.056	0.064	0.041	0.035	0.045	0.027	0.017	0.012	0.015	0.012	0.493
05/31/10	0.013	0.010	0.010	0.010	0.010	0.003	0.000	0.004	0.009	0.014	0.019	0.046	0.036	0.049	0.046	0.051	0.053	0.045	0.022	0.014	0.017	0.018	0.010	0.524	

Total Evaporation for the month = 13.489

Total Number of Observations: 741

Possible Number of Observations: 744

INV = Invalid Data

ND = No Data Collection

RESOLUTION COPPER - KC2 (WEST PLANT) MONITORING SITE

JUNE 2010

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	
06/01/10	0.013	0.015	0.010	0.008	0.010	0.008	0.005	0.001	0.004	0.011	0.029	0.008	0.039	0.039	0.051	0.051	0.048	0.043	0.046	0.025	0.020	0.010	0.010	0.012	0.516
06/02/10	0.010	0.010	0.008	0.005	0.007	0.008	0.003	0.001	0.003	0.009	0.016	0.021	0.033	0.043	0.041	0.046	0.049	0.048	0.043	0.027	0.012	0.010	0.007	0.010	0.470
06/03/10	0.007	0.010	0.010	0.008	0.007	0.008	0.003	0.000	0.003	0.009	INV	0.014	0.021	0.037	0.031	0.043	0.043	0.045	0.045	0.037	0.017	0.017	0.012	0.014	0.439
06/04/10	0.010	0.009	0.013	0.007	0.012	0.010	0.003	0.000	0.000	0.009	0.007	0.021	0.031	0.038	0.056	0.061	0.048	0.043	0.056	0.037	0.016	0.023	0.012	0.012	0.534
06/05/10	0.012	0.008	0.010	0.007	0.012	0.010	0.003	0.004	0.005	0.006	0.020	0.031	0.044	0.052	0.044	0.054	0.046	0.055	0.046	0.038	0.014	0.014	0.015	0.007	0.557
06/06/10	0.012	0.010	0.010	0.010	0.004	0.010	0.005	0.000	0.001	0.012	0.021	0.031	0.049	0.041	0.049	0.054	0.061	0.051	0.045	0.037	0.017	0.017	0.020	0.013	0.580
06/07/10	0.007	0.010	0.015	0.010	0.010	0.007	0.005	0.001	0.001	0.002	0.009	0.016	0.028	0.054	0.049	0.054	0.081	0.048	0.056	0.030	0.014	0.010	0.012	0.013	0.542
06/08/10	0.010	0.013	0.012	0.007	0.010	0.010	0.005	0.000	0.006	0.011	0.014	0.033	0.038	0.049	0.046	0.036	0.041	0.056	0.038	0.031	0.017	0.017	0.007	0.013	0.520
06/09/10	0.010	0.008	0.007	0.010	0.008	0.005	0.000	0.001	0.003	0.008	0.014	0.023	0.036	0.036	0.056	0.056	0.056	0.056	0.036	0.028	0.019	0.012	0.010	0.010	0.508
06/10/10	0.017	0.005	0.007	0.013	0.010	0.002	0.008	0.001	0.003	0.013	0.026	0.031	0.043	0.031	0.049	0.061	0.046	0.064	0.043	0.025	0.023	0.018	0.007	0.007	0.553
06/11/10	0.008	0.003	0.005	0.005	0.005	0.008	0.003	0.000	0.024	0.016	0.031	INV	0.066	0.037	0.041	0.066	0.046	0.035	0.042	0.032	0.032	0.024	0.017	0.015	0.561
06/12/10	0.009	0.010	0.007	0.008	0.009	0.008	0.016	0.003	0.010	0.011	0.011	0.019	0.031	0.031	0.044	0.026	0.056	0.038	0.035	0.024	0.020	0.020	0.007	0.009	0.462
06/13/10	0.007	0.008	0.008	0.005	0.010	0.008	0.001	0.000	0.002	0.006	0.017	0.028	0.026	0.047	0.026	0.049	0.050	0.033	0.038	0.032	0.016	0.008	0.012	0.007	0.444
06/14/10	0.007	0.008	0.005	0.005	0.008	0.005	0.013	0.000	0.004	0.012	0.014	0.028	0.026	0.032	0.064	0.043	0.048	0.059	0.035	0.030	0.020	0.012	0.017	0.015	0.510
06/15/10	0.010	0.012	0.008	0.008	0.008	0.005	0.001	0.004	0.007	0.019	0.038	0.038	0.041	0.062	0.051	0.056	0.056	0.038	0.027	0.017	0.015	0.012	0.013	0.554	
06/16/10	0.017	0.018	0.008	0.012	0.007	0.008	0.003	0.000	0.004	0.014	0.016	0.036	0.041	0.043	0.051	0.066	0.051	0.056	0.036	0.022	0.012	0.010	0.015	0.015	0.561
06/17/10	0.010	0.013	0.007	0.005	0.005	0.010	0.006	0.000	0.004	0.004	0.024	0.023	0.038	0.034	0.046	0.051	0.054	0.046	0.033	0.030	0.020	0.023	0.015	0.012	0.513
06/18/10	0.012	0.013	0.015	0.005	0.010	0.008	0.003	0.008	0.001	0.014	0.013	0.026	0.033	0.046	0.059	0.051	0.059	0.043	0.053	0.030	0.017	0.012	0.013	0.010	0.554
06/19/10	0.010	0.008	0.010	0.008	0.010	0.005	0.003	0.000	0.011	0.011	0.021	0.031	0.036	0.033	0.051	0.049	0.043	0.041	0.020	0.023	0.015	0.010	0.013	0.010	0.472
06/20/10	0.008	0.013	0.010	0.008	0.010	0.010	0.008	0.003	0.003	0.033	0.021	0.018	0.033	0.046	0.054	0.051	0.043	0.046	0.036	0.025	0.015	0.013	0.013	0.010	0.530
06/21/10	0.008	0.010	0.005	0.008	0.005	0.005	0.003	INV	0.000	0.022	0.017	0.016	0.036	0.028	0.065	0.041	0.056	0.056	0.065	0.043	0.023	0.014	0.017	0.014	0.557
06/22/10	0.009	0.013	0.014	0.010	0.015	0.013	0.020	0.000	0.005	0.009	0.015	0.026	0.026	0.036	0.054	0.051	0.054	0.048	0.045	0.039	0.022	0.020	0.017	0.014	0.575
06/23/10	0.013	0.018	0.015	0.010	0.013	0.012	0.005	0.000	0.002	0.018	0.021	0.027	0.020	0.039	0.057	0.054	0.051	0.048	0.057	0.047	0.027	0.022	0.020	0.018	0.614
06/24/10	0.010	0.017	0.015	0.013	0.013	0.016	0.011	0.001	0.007	0.011	0.021	0.031	0.032	0.059	0.041	0.074	0.074	0.056	0.042	0.035	0.040	0.033	0.032	0.038	0.722
06/25/10	0.015	0.005	0.020	0.025	0.036	0.002	0.010	0.018	0.026	0.015	0.002	0.011	0.024	0.016	0.041	0.036	0.069	0.060	0.046	0.037	0.009	0.015	0.017	0.013	0.568
06/26/10	0.013	0.012	0.010	0.008	0.007	0.010	0.003	0.001	0.006	0.016	0.018	0.036	0.051	0.051	0.054	0.056	0.038	0.056	0.046	0.030	0.017	0.015	0.013	0.012	0.579
06/27/10	0.010	0.010	0.010	0.007	0.010	0.008	0.003	0.000	0.003	0.008	0.026	0.046	0.031	0.034	0.069	0.046	0.046	0.056	0.038	0.030	0.017	0.015	0.018	0.013	0.554
06/28/10	0.010	0.010	0.007	0.008	0.010	0.007	0.018	0.001	0.006	0.018	0.008	0.026	0.043	0.036	0.053	0.066	0.051	0.048	0.041	0.023	0.012	0.023	0.013	0.031	0.569
06/29/10	0.013	0.013	0.013	0.033	0.000	0.008	0.000	0.010	0.021	0.010	0.021	0.015	0.038	0.031	0.041	0.033	0.112	0.000	0.043	0.036	0.031	0.043	0.041	0.015	0.621
06/30/10	0.018	0.010	0.000	0.010	0.020	0.005	0.000	0.005	0.026	0.023	0.028	0.033	0.023	0.013	0.041	0.000	0.003	0.000	0.005	0.003	0.000	0.005	0.003	0.000	0.266

Total Evaporation for the month = 16.005

Total Number of Observations: 717

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 2010

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	
04/01/10	0.00	0.00	0.00	0.00	0.00	0.02	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	0.03	
04/02/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/03/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/04/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/05/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/06/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/07/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/08/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/09/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/10/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/11/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/12/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/13/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/14/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/15/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/16/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/17/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/18/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/19/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/20/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/21/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/22/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.01	
04/23/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/24/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/25/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/26/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/27/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/28/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/29/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04/30/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 = 0.04

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 2010

PRECIPITATION (inches)

Total Precipitation for the month = 0.02

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 2010

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	
06/01/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/02/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/03/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/04/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/05/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/06/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/07/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/08/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/09/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/10/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/11/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/12/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/13/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/14/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/15/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/16/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/17/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/18/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/19/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/20/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/21/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/22/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/23/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/24/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/25/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/26/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/27/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
06/28/10	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
06/29/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	
06/30/10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 = 0.04

Total Number of Observations: 720

Possible Number of Observations: 720

INV = Invalid Data

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