

**Grout Temperature Measurements  
In  
105-R Disassembly Basin D&E Canal**

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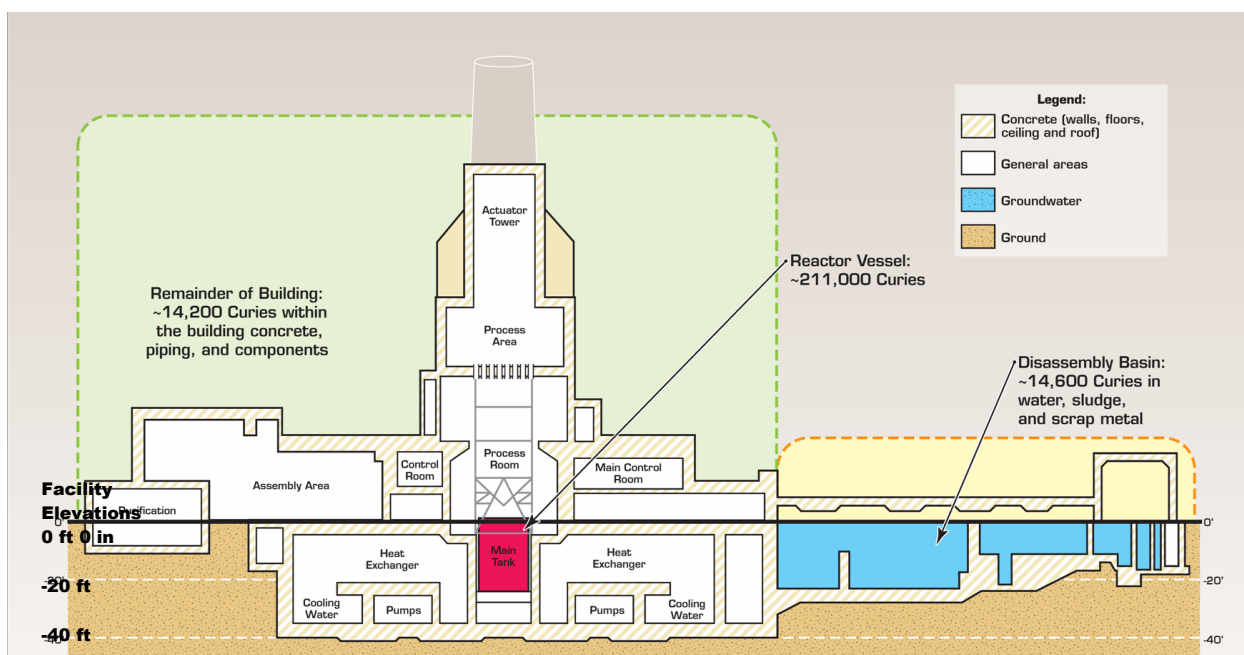
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## Executive Summary

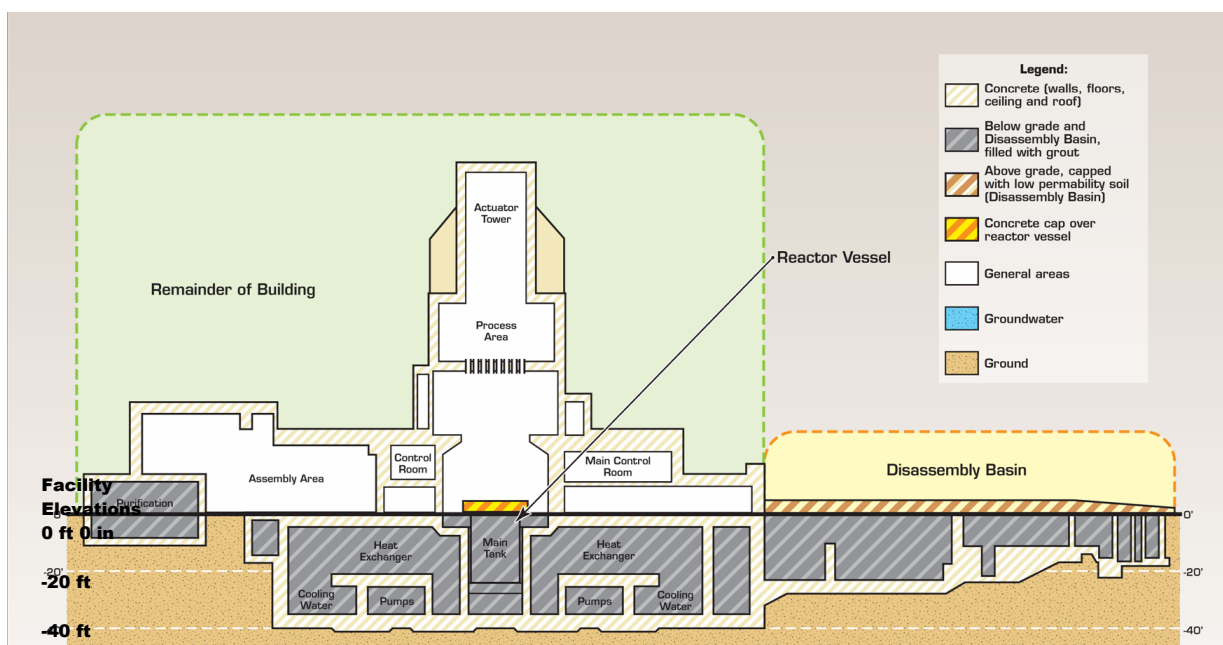
The 105-R Reactor Disassembly Basin Grout Placement Strategy Report (SRNL-TR-2009-00157) identifies various portions of the facility that will undergo an in-situ decommissioning process. The estimated residual radioactive contamination in the 105-R facility is shown in **Figure 1**. Cementitious grout formulations developed by SRNL are being used to immobilize and isolate the radioactive contamination in existing below grade portions of the 105-R building as shown by the gray-hatched area in **Figure 2**. A Zero Bleed flowable fill was formulated for both dry placement and for underwater placement. The first major area in the 105-R Disassembly Basin to undergo the grouting process was the D&E Canal and an underlying void space known as the Chase. Grout temperature data was needed to ensure that the grout mix design was on the correct grout curing trajectory to meet the material compressive strength requirement of 50 pounds per square inch. Initial grout temperature measurements were needed to confirm and optimize grout mix design fresh property characteristics; i.e. material strength, and set time. Grout curing temperature is an integrating fresh property characteristic that is used to estimate cementitious material strength in accordance with the Standard Practice for Estimating Concrete Strength by the Maturity Method, ASTM C 1074.



**Figure 1. Residual Radioactive Contamination in 105-R Reactor Building**

The Maturity Method is used in the construction industry to estimate in-place strength of concrete to allow the start of critical construction activities; e.g. formwork removal, removal of cold weather protection, opening of roadways to traffic, etc. Applying this methodology provides an expeditious means to estimate in-place grout strength based on compressive strength laboratory results. The Maturity Method results define the relationship between strength-time and age-time that may be utilized in the field for

estimating strength after a given time of placement. Maturation curves were developed under the 105-R Reactor Disassembly Basin Cementitious Materials Laboratory Test Plan (SRNL-TR-2009-00175) to establish grout mix maturation indices for this relationship. Temperature data collected from the D&E grout placement will be evaluated against these maturation indices in a subsequent analysis. Grout temperature data outside the maturation indices highlight the opportunity to adjust the grout mix design for future placements. The pre-existing grout placement will not be removed since this material will comply with strength requirements under the normal curing duration.



**Figure 2. Below grade portions of the reactor facility to be grouted**

SRNL designed a standalone measurement system to collect grout mass placement temperature data in the D&E Canal. Four vertical poles instrumented with thermocouples were positioned in the canal prior to grout placement. The thermocouples were connected to stand-alone, battery-powered data recorders mounted nearby that were configured to take temperature recordings every 10 minutes for up to 100 days. Unfortunately, after just 2 weeks, data collection was terminated because the thermocouple wires connecting the data loggers to the thermocouple poles were severed during construction activities. This report will highlight the unique challenges in designing a data collection system for the D&E canal, describe the temperature measurement system and its installation, and present calculated as well as measured temperature values.

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### Background

The 105-R Reactor Disassembly Basin consists of a number of distinct areas. The first 2 areas to be grouted were the D&E Canal and Chase as shown in **Figure 3**.



**Figure 3. Disassembly Basin Areas**

The canal is approximately 168 ft. in length, 16 ft. in width, and 30 ft. in depth. It was estimated that it would take approximately 3000 cubic yards of grout to fill this area. A plank walkway was located above and in the center of the canal. It spanned the entire length of the canal. Workers used the walkway to set up the grout piping system. The D&E Canal and walkway were categorized as a radiation contamination area based on residual contamination in the canal. The Chase was a void space underneath the floor of the D&E Canal. The Chase was approximately 163 ft. in length, 16 ft. in width, and 9 ft. in depth. It was estimated that it would take approximately 1000 cubic yards of grout to fill the Chase. There was no viable access into the Chase for the introduction of grout. Several 6 inch diameter holes were drilled through the floor of the canal and into the Chase. A few of the holes were used to provide video camera access to monitor the grout pour process. Before the Chase was filled, a 5 foot layer of grout was poured on the canal floor to provide shielding from radioactive contamination. To keep the camera and grout pour holes from being covered by the shielding grout layer, 8 ft. sections of PVC pipe were installed into each hole. After the shield pour was allowed to set, the cameras were inserted into the PVC pipes and then partially into the Chase. The underwater grout mix was poured into the Chase thereby displacing water which had been trapped in the Chase. The displaced water completely covered the D&E Canal floor. With the Chase grouted and the shield layer in place, the D&E Canal was ready to be filled with grout.

### Temperature Measurement System Design

Grout temperature data was needed from the D&E Canal pour to ensure that the grout mix design was on the correct grout curing trajectory to meet the material strength requirement. Initial grout temperature of the mass pour was needed to confirm and optimize grout mix design fresh property characteristics. It was going to take 5 sequential grout pours or lifts, 5 feet each, to fill the D&E Canal. There would be at least 24 hours of curing time between lifts. The conditions of the canal and in the vicinity were as follows:

1. The canal was considered a contaminated area with limited access.
2. The canal was 25 ft. deep which included the shield layer.
3. The grout mixture was wet and mildly corrosive.
4. 120 VAC power was available nearby.
5. There was no air conditioning, heat or humidity control.
6. Airborne debris typical of construction activities was present.
7. Limited access and very little free space were available near the canal.

Commercial devices for measuring and predicting concrete set times were considered for this application. Normally, they are individually placed into the concrete with their wire leads exposed. When a reading is needed, a hand-held data logger is temporarily attached to the exposed leads of one of the devices and the data is retrieved and displayed. The data logger is then disconnected from that device and moved to the location of the next temperature device. Single point data collection is not an ideal way to take measurements in a radioactive, contaminated, and congested environment such as the D&E Canal.

SRNL developed a temperature measurement system that suited the sequential pour process and considered the unique conditions of the canal itself. The temperature measurement system consisted of sealed, self-powered data loggers connected to vertical arrays of thermocouples. Sealed, self-powered data logger are not be hampered by airborne debris, lack of air conditioning, high humidity, tampering, and if small, are inconspicuous. The OM-CP-OCTTEMP 8-channel data logger was chosen for this application and is shown in **Figure 4**. It is manufactured by MadgeTech, but is



**Figure 4. Temperature Data Logger**

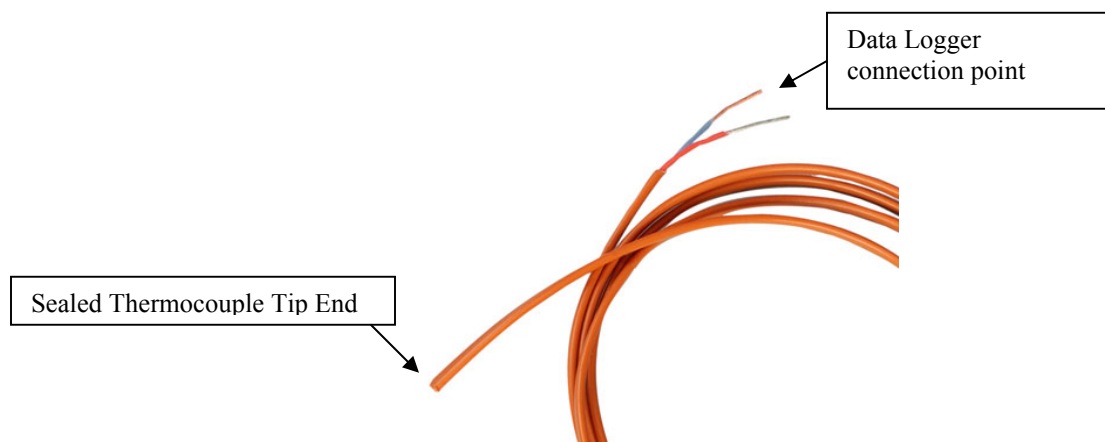
distributed by Omega, Inc. It has an operational range from -4 to 140° F and 5 to 95% relative humidity. The data logger's internal memory can hold 14,563 readings per channel and is software configurable to record readings every 5 seconds to 12 hours.

**Figure 5** shows one of the data loggers attached at the top of an I-beam support column located adjacent to the D&E Canal. At the top of the column, the data logger is somewhat inconspicuous and out of the way of construction activities.



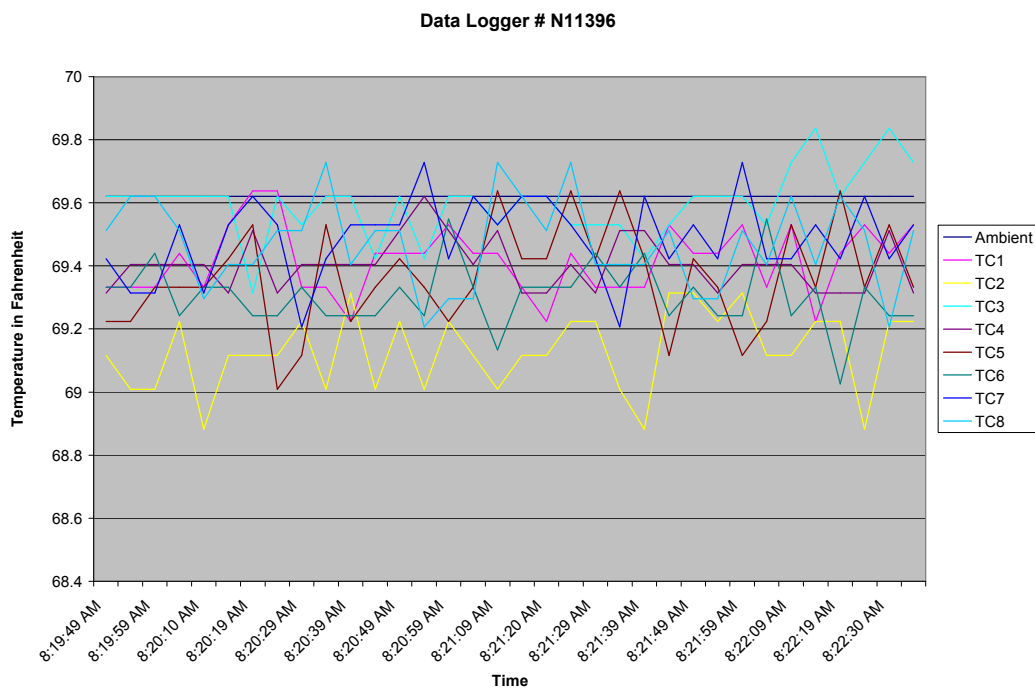
**Figure 5. Data Logger mounted adjacent to D&E Canal**

The OM-CP-OCTTEMP data logger supports a variety of thermocouple types. A type T thermocouple was selected for this application because they are good for low temperatures, have superior corrosion resistance, and are tolerant to moisture. In addition, since data was planned to be collected for at least 28 days, a hermetically sealed variety was chosen. Hermetically sealed thermocouple sensors are manufactured with the sensor tip fully encapsulated by an insulating material. This provides the sensor with continuous protection against corrosive environments, moisture, and contamination. A sealed thermocouple is shown below in **Figure 6**. The insulation material is Teflon® PFA. PFA is a perfluoroalkoxy copolymer resin that offers both excellent resistance to abrasion and water submersion as well as excellent resistance to solvents, acids, and bases.



**Figure 6. Hermetically Sealed Thermocouple**

A qualitative operational check of the Type T thermocouples was performed by SRNL prior to being transported to R-Area. Each thermocouple was tested at room temperature in Bldg. 773-A, D-1176 with the thermostat set to approximately 72° F as well as in an ice water bath measuring 34° F. **Figure 7** shows results from the room temperature testing of 8 Type T thermocouples as recorded by one of the OM-CP-OCTTEMP data loggers. As you can see from the graph, the thermocouples agree to within a degree of each other. Similar testing was done in an ice water bath. Again, the thermocouples agreed to within a degree of each other.

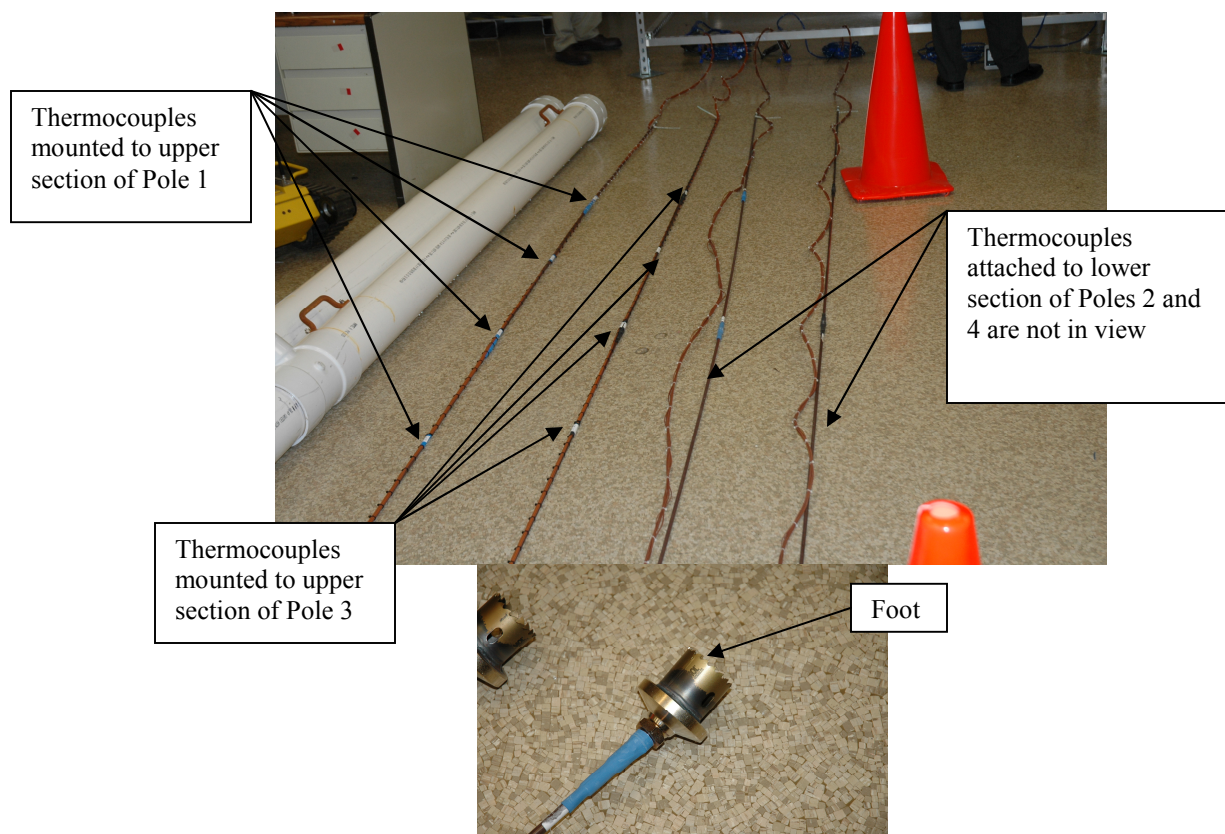


**Figure 7. SRNL Testing of Type T Thermocouples**

The deployment of the thermocouples was a challenge. Major factors to consider included the following:

- The grout pour schedule was somewhat unpredictable.
- The design had to be preassembled to support ALARA goals with respect to working in a radiation environment.
- The design had to accommodate the depth of the canal, be adjustable to permit reassembly within the limited non-contaminated workspace adjacent to the canal, and be easily transportable by vehicle.
- The design had to be rigid enough to maintain a vertical orientation as grout was being poured, but flexible enough to be transported through multiple turns of the narrow hallways leading to the canal.
- The thermocouples had to remain at fixed distances from the canal floor.

To keep the system lightweight while addressing each of these factors, an adjustable length, flexible pole design was fabricated from a series of fiberglass rod segments so that a vertical temperature profile of the canal could be obtained. Four thermocouple poles, each approximately 28 ft. in length, are shown in **Figure 8** along with a view of the foot piece located at the bottom of each pole.



**Figure 8. Thermocouple Pole Configurations and Assembly**

Each of the 4 poles is made up of 4 ft. segments of fiberglass rod with each segment having a threaded male fitting at one end and a female fitting at the other end. They attach end-to-end to build the pole. The poles were designed to be temporarily detached near their center so that they could be easily transported by vehicle to R-Area. The thermocouples were secured to the fiberglass rod segments using cable ties and heat shrink tubing. The 2 poles (henceforth called Poles 1 & 3) on the left side of **Figure 8** have 8 thermocouples attached every 2 ft. starting from the top of the pole (near the top of picture) to approximately midway down the pole. Thermocouple 1 (TC1) is located at the top of the pole and thermocouple 8 (TC8) is located midway on the pole. The thermocouples were ordered with different length cabling to take into account they were being mounted on the pole at different vertical distances. As a result, the thermocouple connections at the top of the pole ended at the same point. This made it easier to connect to the data logger. The 2 poles (henceforth called Poles 2 & 4) on the right in **Figure 8** have 8 thermocouples attached every 2 ft. beginning midway on the pole to the bottom. TC1 is located midway in this configuration and TC8 is located at the very bottom of the pole near its foot. In all, there are 32 thermocouples divided between the 4 poles and 2 configurations. Poles 1 and 2 are considered a set (Pole Set A) with a total of 16 thermocouples mounted between them vertically from top to bottom with overlapping pairs at the midpoint. Poles 3 and 4 are another pole set (Pole Set B) with a total of 16 thermocouples from top to bottom including overlapping pairs at their midpoint. Therefore, each pole set installed vertically is able to track temperature readings at 14 distinct levels within the D&E Canal. On the bottom of each pole is attached a foot designed to hold the pole in place during the initial grout pour into the canal. The foot is fabricated from a round hole saw welded onto a swivel base plate. The idea is that the sharp saw teeth would dig into the grout floor and the swivel base would ensure that as many teeth as possible contact the floor despite minor uneven surface conditions. After the initial pour hardens, the thermocouple poles would be fixed in place.

### **Temperature Measurement System Installation**

The thermocouple poles were disassembled and transported in the white PVC containers shown in **Figure 8**. Once inside the 105-R building, each pole was reassembled, tested, and then carried to the D&E Canal and positioned vertically and spaced apart in the canal as shown in **Figure 9**. Time and radiation exposure was reduced during the installation process by having each pole fully assembled and tested before handing them over to personnel in the Radiological Buffer Area (RBA). Radiological control personnel monitored the hand-off of the poles from the clean to contaminated side of the RBA. Each pole was lowered vertically between the guard rail on the D&E landing and the guardrail on the D&E platform until its foot was in contact with the canal's floor. A custom T-fitting with short lengths of support piping was slid over the end of each thermocouple pole and set screws tightened to secure it. One end of the support piping from the T-fitting was fastened to the handrail on the D&E landing and the other to the handrail on the D&E plank walkway as shown in **Figure 10**. This secured the thermocouple pole vertically in the canal. The thermocouple connections from each pole were kept on the uncontaminated side of the boundary during installation. The brown wire bundle from the pole was secured with cable ties to the handrail on the landing side.

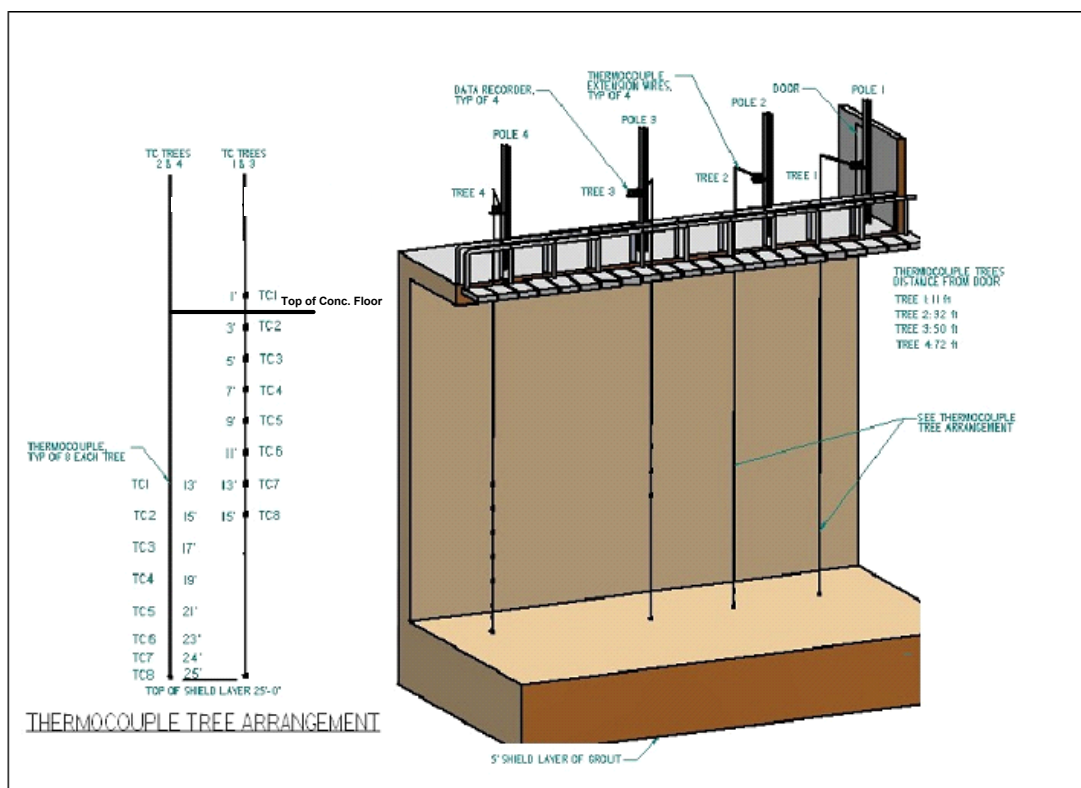


Figure 9. Installation of Poles 1-4 in D&E Canal

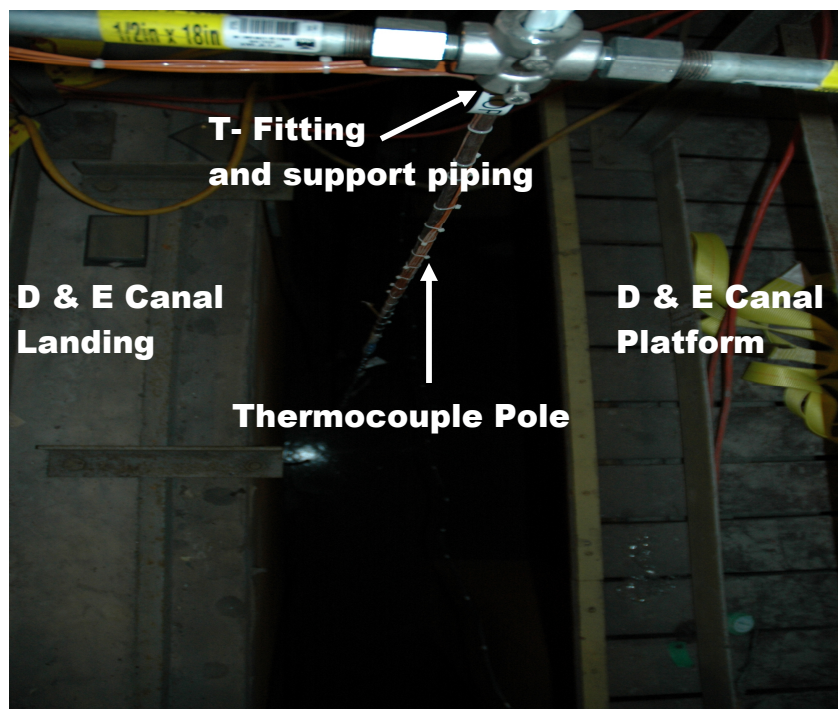


Figure 10. Typical thermocouple pole installed vertically in the D&E Canal

Connections from the thermocouple pole were then mated to the blue thermocouple extension wire bundle coming from the data loggers. With all the poles secured to the handrail and the thermocouple connections made, a laptop computer was connected to each data logger and the data collection program was initiated as shown in **Figure 11**. Data from each of the 4 thermocouple pole arrays was recorded into its own data logger every 10 minutes for a period of 2 weeks beginning February 16, 2010.

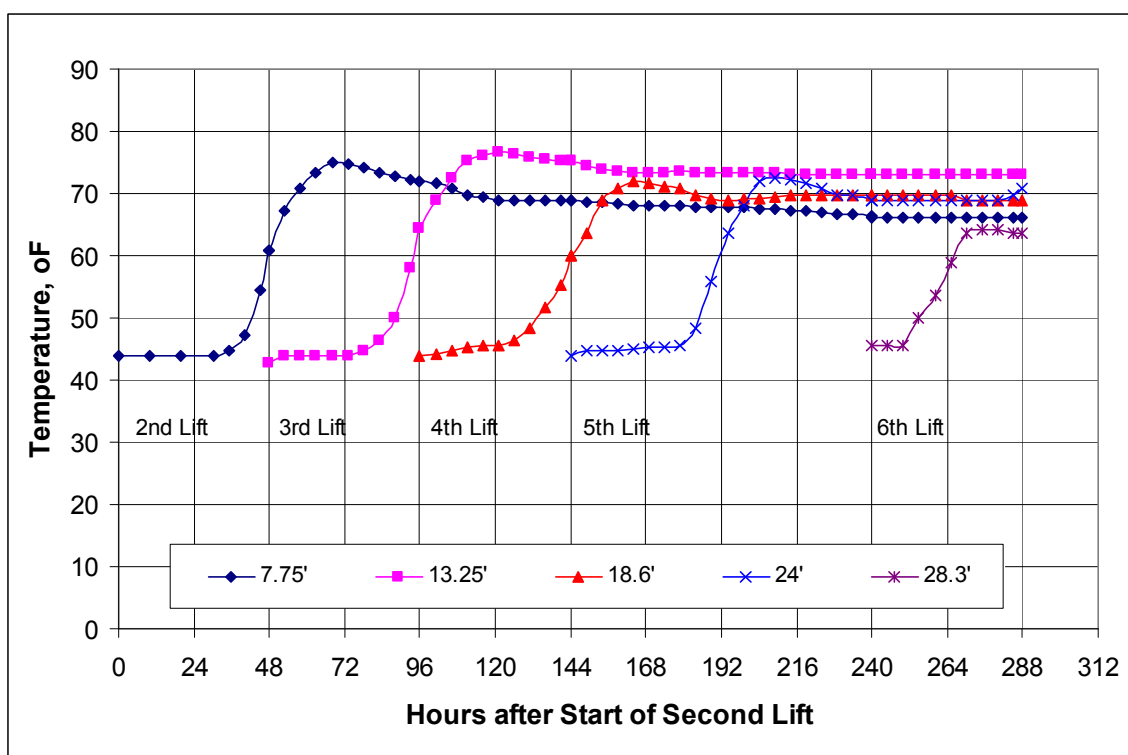


**Figure 11. Data Collection from Pole #1 using laptop computer**

### **Thermal Model Results**

There were a total of 6 grout lifts, each of 5 feet, poured into the D&E Canal. The first lift, the shield layer, occurred on January 27, 2010 and consisted of the dry grout formulation. This lift was poured before the thermocouple poles were installed. It was followed by 4 pours of the underwater grout mix beginning on February 16, 2010. The last pour was on February 26, 2010 and used the dry grout formulation. Thermal model temperature results for the 5 grout lifts poured after the initial shield lift are shown in **Figure 12**. Thermal modeling is discussed in more detail in **Appendix A** of this report. For purposes of thermal modeling, the dry grout was assumed to have the same heat of hydration as the underwater grout. The graph starts with the second lift which was modeled as a rectangle with a width of 16 ft. (width of the canal) and a height of 5 ft. of cooled-down grout and a second 5 ft. layer of new grout. A 5 ft. thickness of concrete surrounded the layers of grout from the bottom and sides to simulate absorption of heat released by hydration of the grout. The outer boundary of the concrete was assumed to be at a constant temperature of 45°F, as was the ambient air temperature in the reactor

building. Early morning temperatures outside the reactor building during the pours ranged from the mid-20s to low 30s. As a result, the ambient temperature of the reactor building remained quite cool during the entire grout pour campaign of the D&E Canal. The thermocouple poles were estimated to be 5-7 ft. from the nearest wall of the canal. Although there was a considerable temperature gradient in the grout close to the canal wall, the thermocouple arrays were in the flat portion of the cross-sectional temperature profile and for practical purposes had the same temperature as in the center of the canal. The transient calculation was performed up to the time of the next lift. The vertical temperature profile at this time was used as the initial temperature profile for the next lift, including the temperature of the fresh grout. The temperature of the fresh grout was assumed to be the same as the ambient air temperature. The calculation was then restarted and continued until the next lift. In this way, 5 individual models represented a buildup of grout from the bottom to the top of the canal.

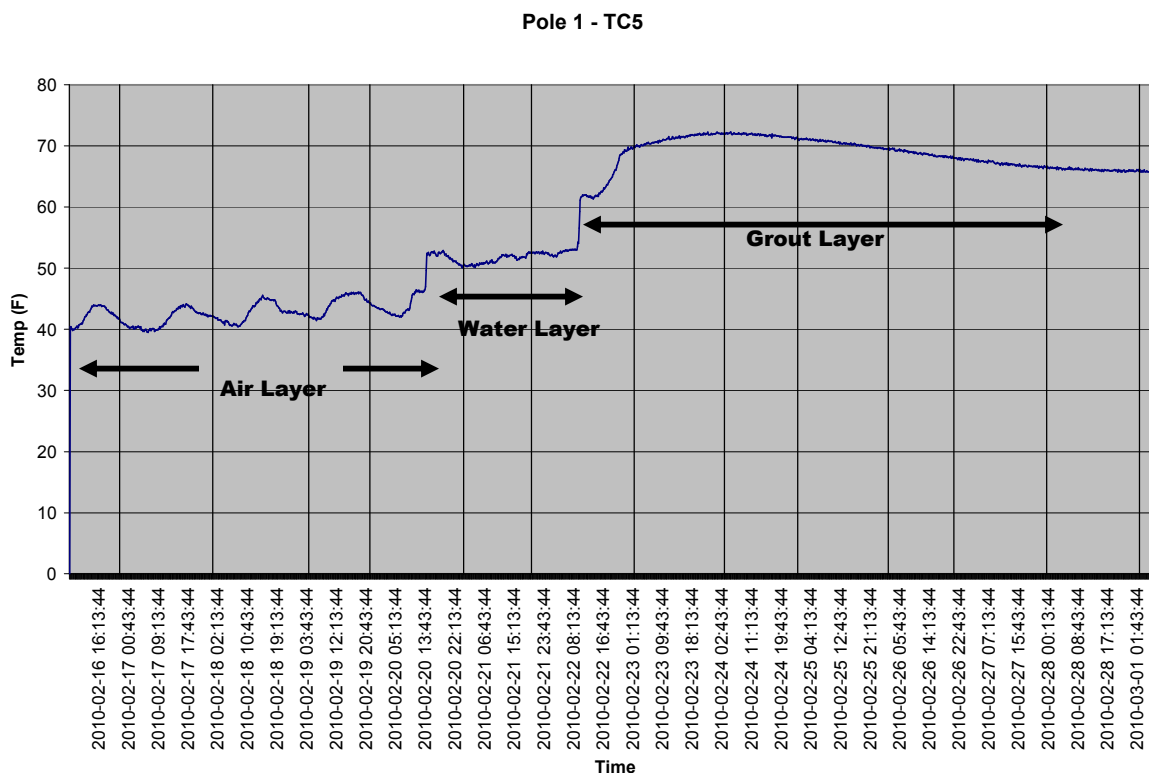


**Figure 12. Modeled Temperatures at Center of Lifts**

### Measured Temperature Data

Temperature data was downloaded from each of the 4 data loggers to a laptop computer every week. The graph in **Figure 13** shows the results from thermocouple 5 (TC5) on Pole #1. TC5 was mounted approximately 16 ft. from the top of the shield lift. It was typical of the data recorded by a pole mounted thermocouple as it transitioned from air, to water, and finally to grout. As the graph shows, over the first 4-5 days of pours, TC5 remains above the water and grout layers. It records the diurnal variations in the ambient

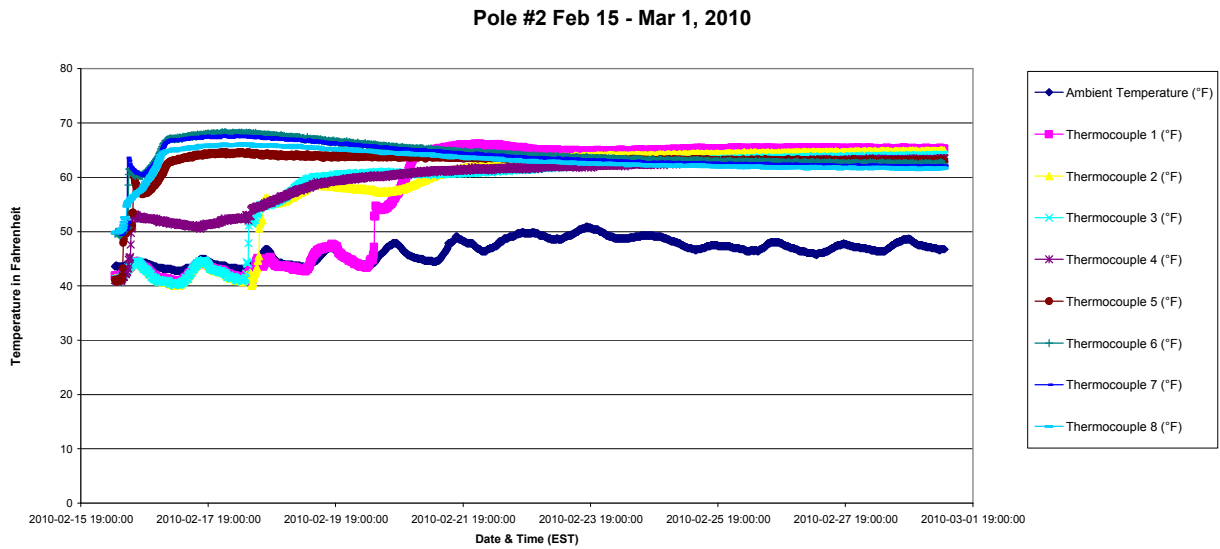
air temperature that can be seen to range from 40 – 45° F. As the grout pouring campaign continues, the water level in the canal rises and eventually submerges TC5 during the 4<sup>th</sup> lift. Over the next few days, the insulating nature of the water layer causes the temperature readings to remain around 50 ° F. After the 5<sup>th</sup> lift, the thermocouple is enveloped by the grout mixture. The temperature of the grout layer increases from 50 to above 70 ° F. As the grout cures, the temperature peaks above 70° F and then slowly tapers off. This is consistent with the thermal model data shown in **Figure 12** and demonstrates that the grout design was on the correct grout curing trajectory to meet the material compressive strength requirement.



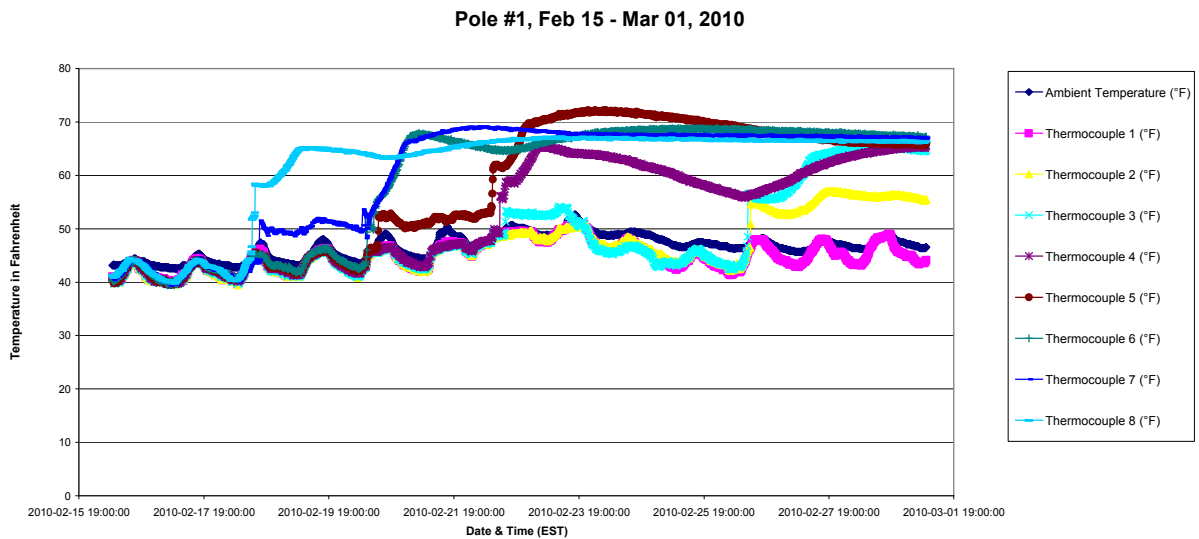
**Figure 13. Temperature Data from Pole #1, thermocouple 5**

The composite graphs for the Pole Set A which includes Pole #2 (TC1-8) and Pole #1 (TC1-8) are shown in **Figures 14** and **15** respectively. They represent the complete vertical measured temperature profile of the D&E Canal from bottom to top. As expected, there is some overlap of data between Pole #2 and Pole #1 as TC1 and TC2 on Pole #2 are at the same elevation as TC8 and TC7 on Pole #1. Pole Set B includes Pole #3 and Pole #4. Pole Set B is a backup to Pole Set A. As expected, the temperature change as a result of the grout pour affects Pole #2 first since its thermocouples extend from the bottom of the canal to midway up. As the grout level increases, the thermocouples on Pole #1 eventually record similar results. The graphs shown in **Figures 14** and **15** are consistent with the thermal model data graphed in **Figure 12** and

demonstrate that the grout design was on the correct grout curing trajectory to meet the material compressive strength requirement.



**Figure 14. Pole #2 Vertical Thermocouple Array**



**Figure 15. Pole #1 Vertical Thermocouple Array**

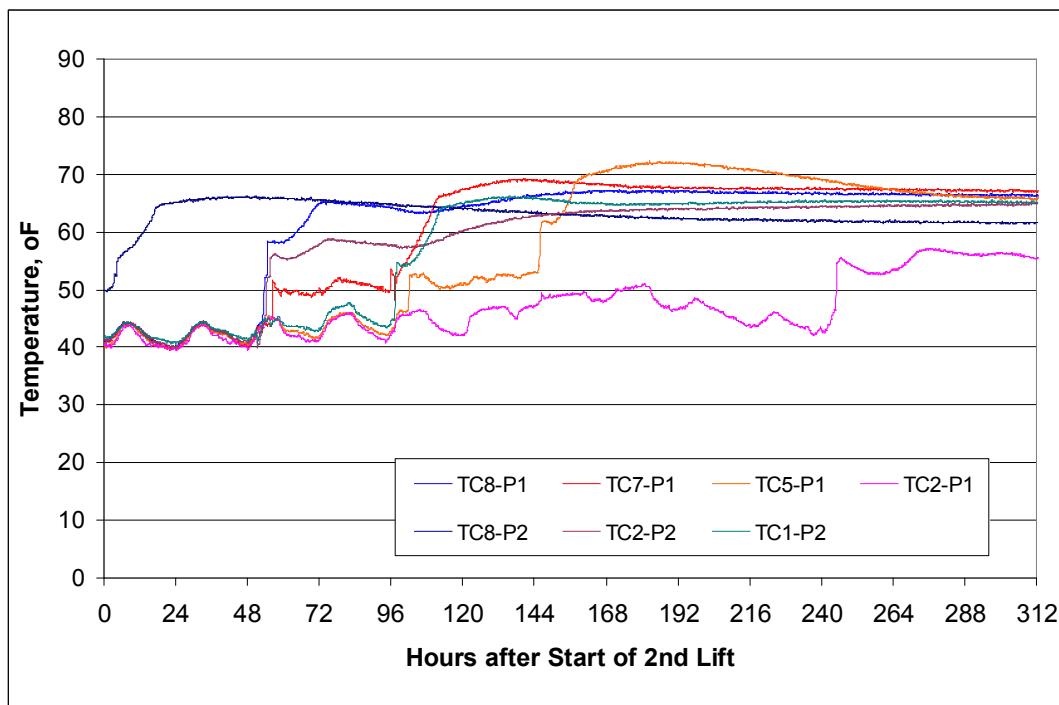
The thermocouples on Poles #2 and #4 were configured similarly. Their composite graphs began very much alike, but an anomaly occurred on Pole #4 or its data logger between grout pours during the week of February 22, 2010. For some inexplicable reason, some of the thermocouple temperature values on Pole #4 dropped suddenly which was not expected. This anomaly appeared to coincide with the first pour of that week. Then, the temperatures abruptly returned to expected readings during the last pour of that week. It was as if some of the thermocouples on Pole #4 had become disconnected and then reconnected. During the same time period, the temperature readings from thermocouple Poles #1 and #3 appeared normal. Even though Pole #4 or its data logger experienced some unexplained event, early temperature data values from it agreed with results of its twin, Pole #2.

The graphs in **Figure 16** show selected thermocouple temperature measurements from Pole Set A, that is, Pole #1 (P1) and Pole #2 (P2). They illustrate measured temperature values of each grout lift from the bottom of the canal to the top. Pole #2 thermocouples were located in the bottom half of the 25 foot deep canal and Pole #1 thermocouples were located in the upper half. The thermocouple distances from the top of the first lift or shield layer to the 6<sup>th</sup> and final lift are shown below:

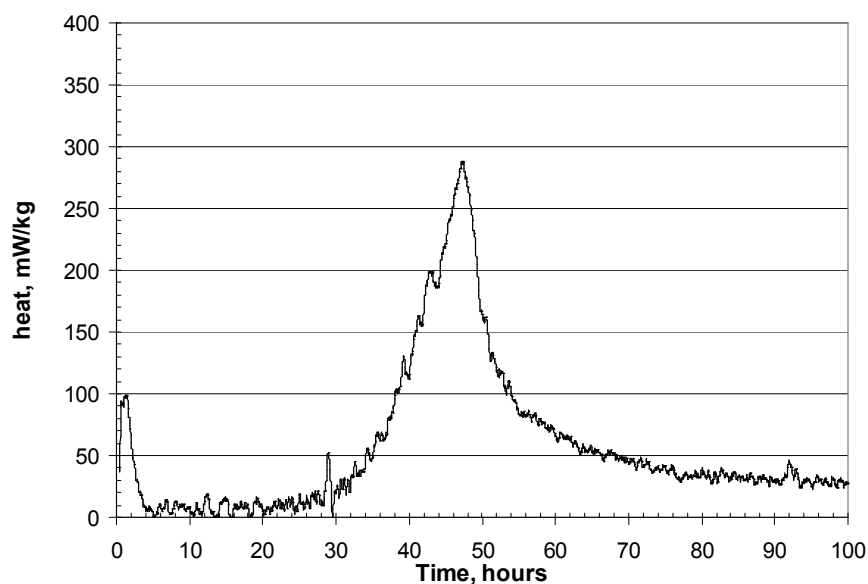
<u>Pole#</u>	<u>Thermocouple</u>	<u>Elevation from Top of 1<sup>st</sup> Lift (ft.)</u>	<u>Lift#</u>
<b>2</b>	TC8-P2	0	2
	TC2-P2	10	3
	TC1-P2	12	4
<b>1</b>	TC8-P1	10	3
	TC7-P1	12	4
	TC5-P1	16	5
	TC2-P1	22	6

As the 2<sup>nd</sup> lift is poured, TC8-P2 transitions from a water environment to being covered by grout. TC8-P2 reaches its maximum value at about 20 hrs after the start of the second lift. By the end of the 3<sup>rd</sup> lift, TC8-P1 then starts to increase at 58 hrs simultaneously with TC2-P2 as they were at approximately the same elevation in the canal. After the 3<sup>rd</sup> lift is poured at 48 hrs, TC8-P1 indicated a peak value at 68 hrs or 20 hrs after the 3<sup>rd</sup> pour. This is in contrast to 48 hrs for the calorimetry sample graphed in **Figure 17**. The change in hydration kinetics may be due to the additional water in the canal due to the displacement of water from the Chase. As TC8-P1 and TC2-P2 temperatures rise due to the grout, TC7-P1 is seen to transition from air temperature to water temperature as the introduction of grout continues to cause the water level to rise. After the 4<sup>th</sup> lift, TC1-P2 and TC7-P1 show simultaneous temperature increases from the grout as they were at approximately the same elevation. TC5-P1 shows the transition from air temperature to water temperature as the introduction of grout continues to cause the water level to rise. After 240 hrs and during the 6<sup>th</sup> lift, TC2-P1 records the transition from air to grout. It is

apparent from the graphs in **Figure 16** that the step changes in the temperatures correspond to the covering of the thermocouples by the successive grout lifts. The results shown in **Figure 16** are consistent with the results exhibited by the thermal model.



**Figure 16. Selected Measured Grout Temperatures from Poles #1 & #2**



**Figure 17. Heat of Hydration for Underwater Grout**

### **Summary**

SRNL researchers designed several unique grout formulations for use in the in-situ decommissioning of the 105-R Reactor building. Grout temperature data was needed to ensure that the grout mix formulation was on the correct grout curing trajectory to meet the material strength requirement. A temperature measurement system was designed that incorporated ALARA principles, addressed work area restrictions, and environmental conditions. A total of 32 thermocouples, 8 on each of 4 poles, were placed vertically and in 4 locations within the Disassembly Basin's D&E Canal. Temperature data was successfully collected between February 16, 2010 and March 1, 2010. The measured temperature values of the grout matched well to those results predicted by the grout thermal model.

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**Appendix A**

**Grout Thermal Modeling Results**

Transient modeling of the R-Reactor Disassembly Basin (D&E Canal) was performed using the information from the actual pour schedule.

### Thermal Properties of Ordinary Portland Cement Grouts

The types of grout used and the mix proportions are given in Table A-1.

Table A-1  
Grout Mixture Recipes for D&E Canal Grouting

Materials	PR-ZB-FF-8-D Dry Grout-Sand Mix (lbs/cu. yd)		PR-UZB-FF-8 Underwater Grout (lbs/cu. yd)
Portland Cement	150		150
Fly Ash	500		500
Sand	1850		1832
Pea gravel (#8 stone)	800		800
Mix water	415		350
VMAdmixture	275		NA
HRWR Admixture	39		67.5
Air content	2.7		2.5
Unit weight (lbs/cu. ft)	133.3		135.8

The thermal properties, measured by the Engineering Development Laboratory of SRNL, are given in Table A-2.

Table A-2  
Thermal Properties of Grouts Used in D&E Canal Grouting

Thermo-physical Parameter	Dry Grout-Sand Mix		Underwater Grout
Density, g/ml	2.16		2.16
Specific heat, J/kg-°K	892		935.9
Thermal conductivity, w/m-°K	1.68		1.9
Total heat of hydration (7 days), (24°C) J/g	17.2		18.3

The heats of hydration as a function of time for the Underwater Grout and Dry Grout, are given in the charts of Figures A-1 and A-2, respectively. There was a considerable delay in the start of hydration for the Underwater Grout of 30 hrs and where the peak did not occur until after 45 hrs. The Dry Grout started hydrating almost immediately after 10 hrs.

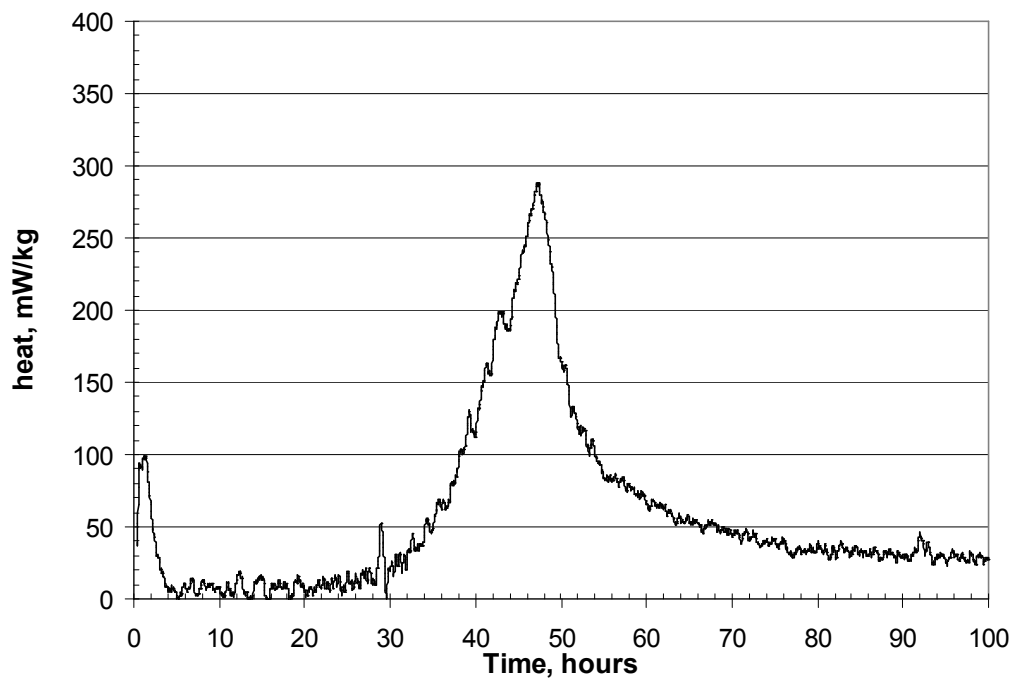


Figure A-1 Heat of Hydration for Underwater Grout, PR-UZB-FF-8

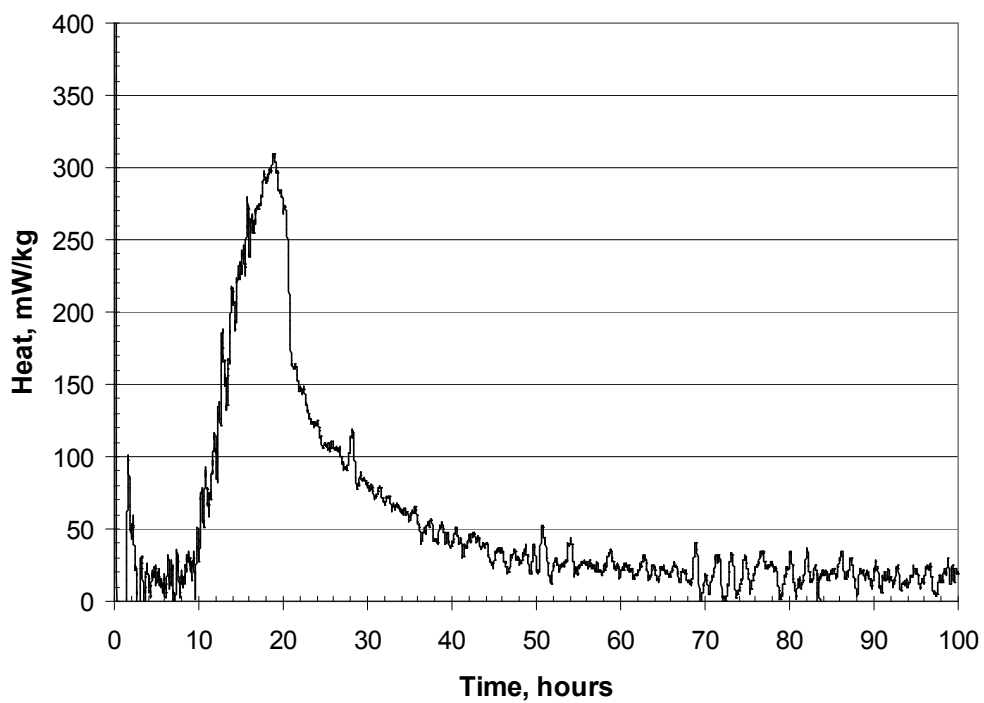


Figure A-2 Heat of Hydration for Dry Grout, PR-ZB-FF-8D

### D&E Canal Grout Pouring Schedule

Information on the D&E Canal grout pouring schedule was provided by Wayne Cadden, Construction Management – Operations and Services, and is as follows:

	<u>Date</u>	<u>Number of Cubic Yards</u>	<u>Grout Type</u>	<u>Elevation, ft</u>
1 <sup>st</sup> Lift	Jan. 27, 2010	376	PR-ZB-FF-8D	0 – 5
2 <sup>nd</sup> Lift	Feb. 16, 2010	2 416	Standard grout PR-UZB-FF-8	5- 10.54
3 <sup>rd</sup> Lift	Feb. 18, 2010	2	Standard grout + PR-UZB-FF-8	10.54 – 15.94
4 <sup>th</sup> Lift	Feb. 20, 2010	2 400	Standard grout PR-UZB-FF-8	15.98 – 21.31
5 <sup>th</sup> Lift	Feb. 22, 2010	2 400	Standard grout PR-UZB-FF-8	21.31 – 26.64
6 <sup>th</sup> Lift	Feb. 26, 2010	252	PR-ZB-FF-8D	26.64 – 30.00

The first lift consisted of the dry grout, PR-ZB-FF-8D, followed by 4 pours of a small layer of standard grout and a larger volume of underwater grout, PR-UZB-FF-8. The last pour used the dry grout. For purposes of thermal modeling, the standard grout was assumed to have the same heat of hydration as the underwater grout due to its small volume.

### Transient Thermal Modeling

The transient thermal modeling used the general partial differential equation software, Comsol Multiphysics, applied to a 2-dimensional geometry. The 6 different lifts were modeled separately. An initial calculation showed that due to the long time between the first and second lifts, about 480 hrs, the grout temperature basically reached ambient temperature. Consequently the model presented here starts with the second lift, which was modeled as a rectangle with a width of 16 ft (width of the canal) and a height of 5 ft. of cooled-down grout and a second 5 ft layer of new grout. A 5 ft thickness of concrete surrounded the layers of grout from the bottom and sides to simulate absorption of heat released by hydration of the grout. The outer boundary of the concrete was assumed to be at a constant temperature of 45°F, as also the air temperature. The thermocouple tree was 5-7 ft from the wall of the canal. Although there was a considerable temperature gradient in the grout close to the canal wall, the thermocouple tree was in the flat portion of the cross-sectional temperature profile and was for practical purposes had the same temperature as in the center of the canal. The transient calculation was performed up to the time of the next lift. The vertical temperature profile at this time was used as the initial temperature profile for the next lift, including the temperature of the fresh grout. The temperature of the fresh grout was assumed to be the same as the ambient air

temperature. The calculation was then restarted and continued until the next lift. In this way, 5 individual models represented a buildup of grout up to the top of the canal.

Figure A-3 shows a chart of the recorded grout temperatures from selected thermocouples from Pole #1 and Pole #2 that illustrate the measured temperatures of each lift.

Thermocouples from Pole #2 were located in the bottom half of the canal and thermocouples from Pole #1 were located in the top half of the canal. The thermocouple distances from the top of the first lift or shield layer were as follows;

	<u>Thermocouple</u>	<u>Elevation from Top of 1<sup>st</sup> Lift (ft)</u>	<u>Lift Location</u>
<u>Pole 2</u>			
	TC8-P2	0	2
	TC2-P2	10	3
	TC1-P2	12	4
<u>Pole 1</u>			
	TC8-P1	10	3
	TC7-P1	12	4
	TC5-P1	16	5
	TC2-P1	22	6

For the second lift, TC8-P2 starts to increase immediately, apparently as water is being displaced. It reaches its maximum at about 20 hrs after the start of the second lift. With the third lift, TC8-P1 then starts to increase at 58 hrs simultaneously with TC2-P2 from Pole #2, being at the same elevation. Similarly, TC1-P2 from Pole #2 and TC7-P1 from Pole #1 show simultaneous temperature increases being at the same elevation. After the 3<sup>rd</sup> lift is poured at 48 hrs, TC8-P1 indicated a peak at 68 hrs or 20 hrs after the 3<sup>rd</sup> pour, in contrast to 48 hrs for the calorimetry sample, Figure A-1. The change in hydration kinetics may be due to the additional water in the canal. The step changes in the thermocouples correspond to the covering of the thermocouples by the successive lifts.

The calculated temperature transients for the 2<sup>nd</sup> through the 6<sup>th</sup> lifts are given in Figure A-4. The general shape of the temperature histories is similar to the actual measured temperatures, Figure A-3, except for the longer onset of temperature increase for the calculation as a result of using the heat of hydration curve, Figures A-1 and A-2. The calorimetric tests were conducted at a starting grout temperature of about 75°F, while the grout initial temperature was 45°F, which likely affected the heat of hydration. Despite the differences between laboratory and field conditions, the calculated peak temperatures are still very close to the maximum measured temperatures.

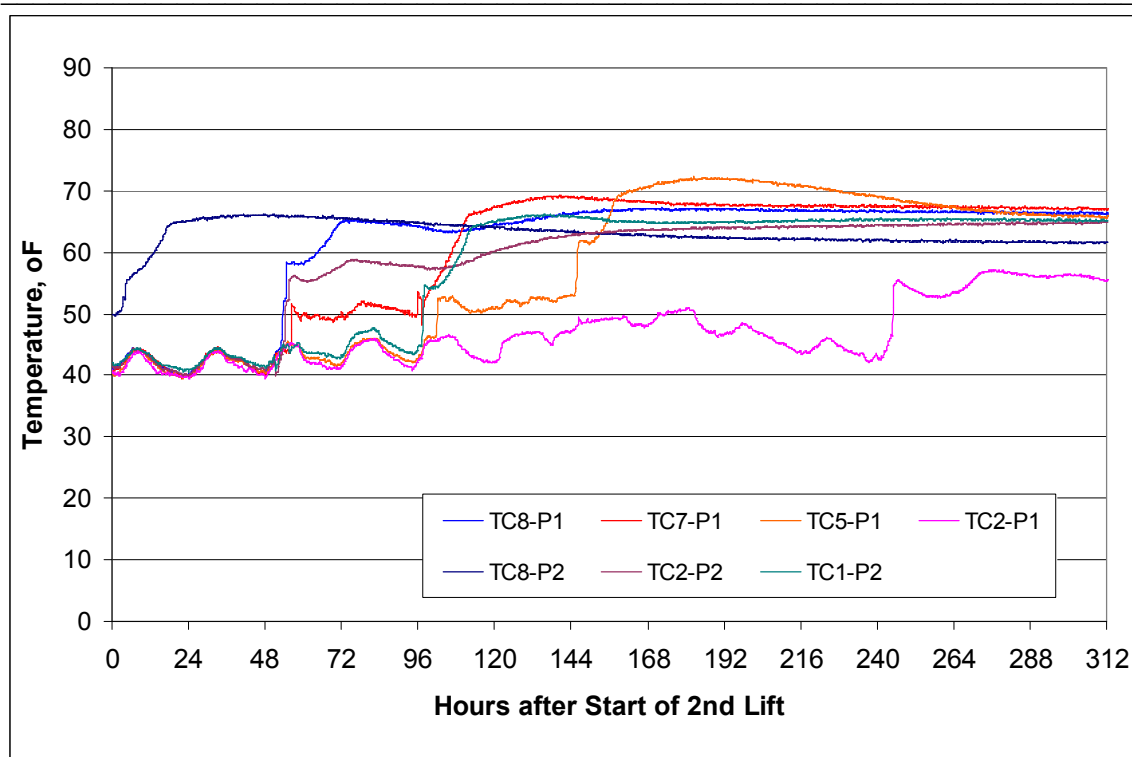


Figure A-3 Measured D&E Canal Grout Temperatures, Thermocouple Pole #1 & #2

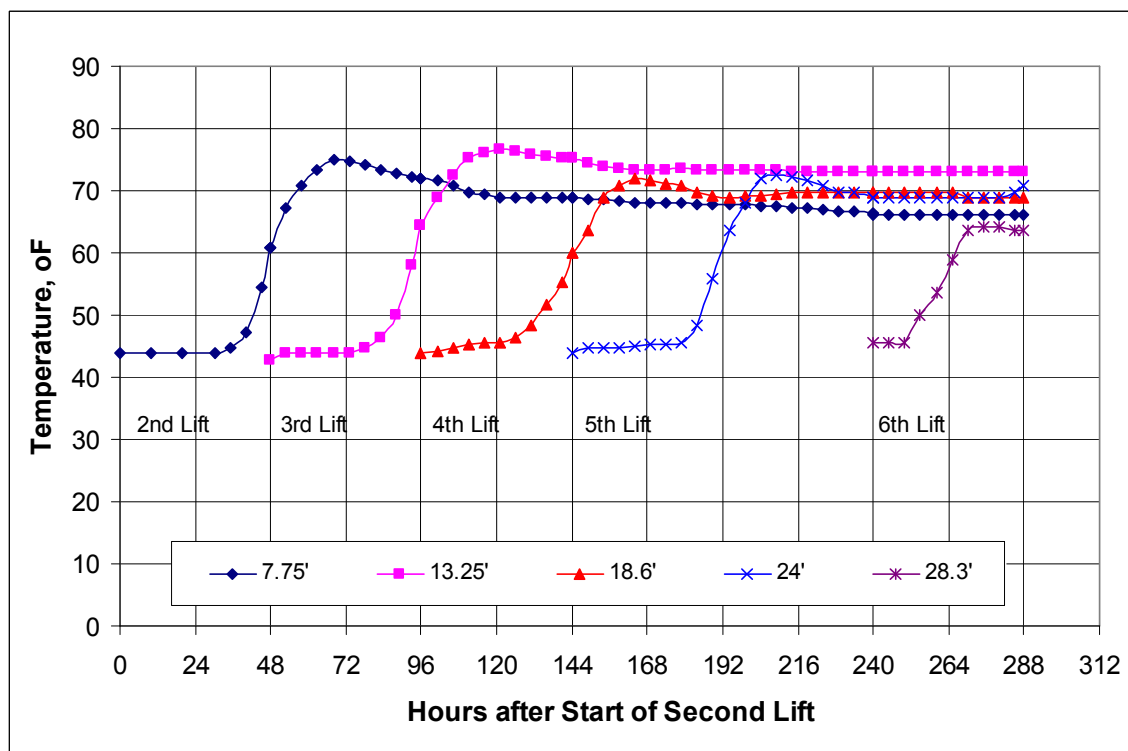
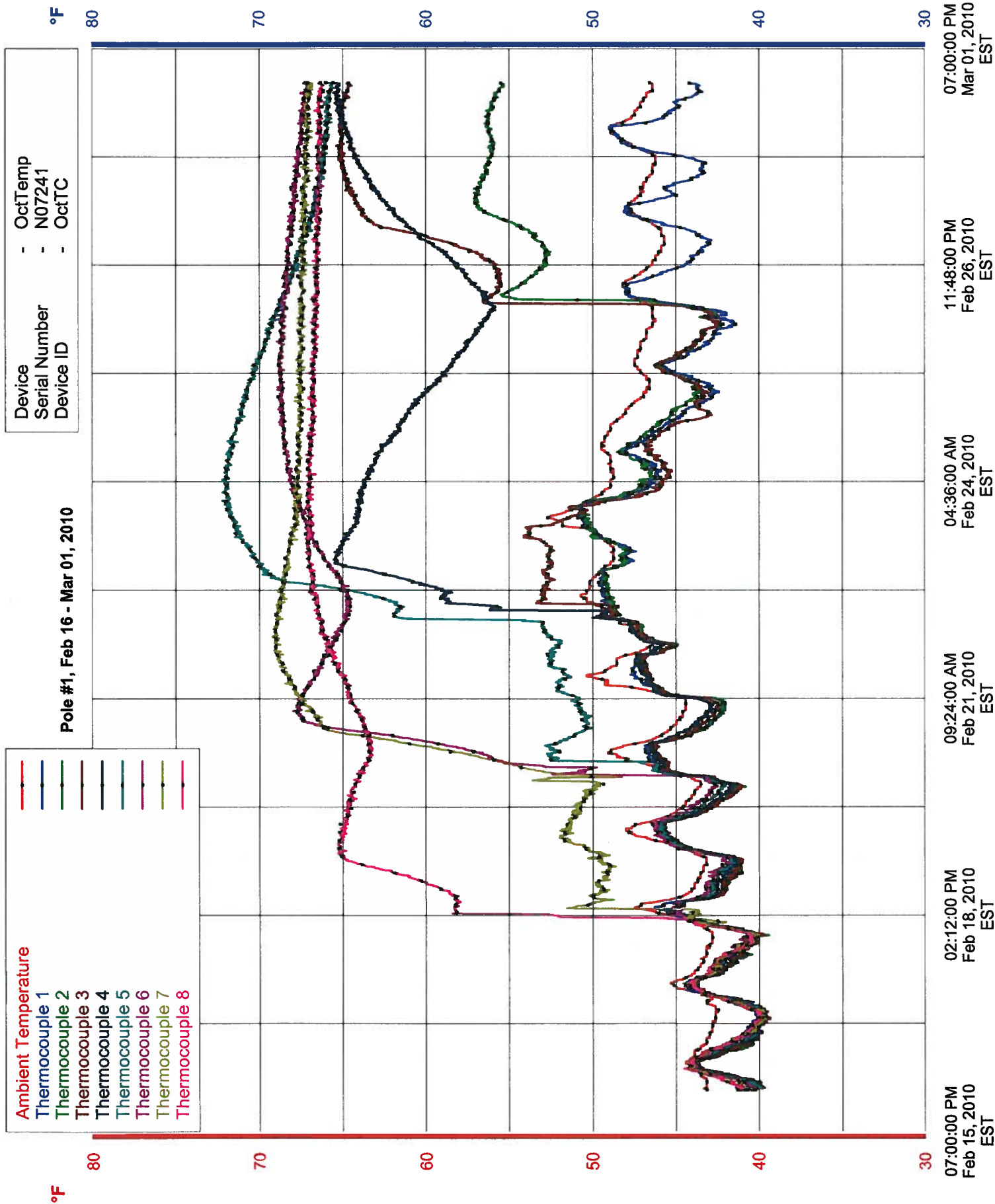


Figure A-4 Calculated Temperatures at Center of Lifts for D&E Canal Grouting

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**Attachment 1**

**Graphs and Data from Thermocouple Poles 1-4**



Report Name:	OctTemp Data Table
Report Date:	03/31/2010 12:45:35
File Name:	C:\F-area TC Data\20100301_083134_N07241.csv
Device:	OctTemp - 8 Channel Temperature Recorder
Hardware Revision:	REV2 (256K)
Serial Number:	N07241
Device ID:	OctC
Data Start Date:	Feb 16, 2010 07:53:44 AM EST
Data End Date:	Mar 01, 2010 08:23:44 AM EST
Reading:	1 to 1876 of 1876
Reading Rate:	10 Minutes
Last Calibration Date:	Mar 18, 2009
Next Calibration Date:	Mar 18, 2010
Next Calibration Date:	Mar 18, 2010
Pole #1, Feb 16 - Mar 01, 2010	
Unit Type (All Units)	
Reading Date/Time (EST)	
Ambient Temperature	Thermocouple 1
	Thermocouple 2
	Thermocouple 3
	Thermocouple 4
	Thermocouple 5
	Thermocouple 6
	Thermocouple 7
	Thermocouple 8

[illegible]

[illegible]



[illegible]

484	2/19/2010 4:23:44 PM	48.02	46.274	45.86	45.842	46.04	46.059	45.828	65.048
483	2/19/2010 4:13:44 PM	47.84	46.004	45.564	45.554	45.86	45.77	46.112	64.868
482	2/19/2010 4:03:44 PM	47.66	45.914	45.59	45.59	45.84	45.824	45.94	64.924
481	2/19/2010 3:53:44 PM	47.84	46.004	45.564	45.662	45.86	45.878	46.112	65.21
480	2/19/2010 3:43:44 PM	47.66	45.824	45.5	45.374	45.86	45.824	46.04	64.922
479	2/19/2010 3:33:44 PM	47.66	45.914	45.59	45.482	45.572	45.5	45.932	64.796
478	2/19/2010 3:23:44 PM	47.66	46.022	45.59	45.59	45.86	45.824	46.04	64.922
477	2/19/2010 3:13:44 PM	47.48	46.076	45.64	45.518	45.734	45.752	46.094	65.048
476	2/19/2010 3:03:44 PM	47.48	45.968	45.518	45.518	45.824	45.842	46.31	65.174
475	2/19/2010 2:53:44 PM	47.48	45.842	45.518	45.518	45.968	45.986	45.98	65.174
474	2/19/2010 2:43:44 PM	47.3	45.896	45.572	45.464	45.554	45.788	46.13	65.102
473	2/19/2010 2:33:44 PM	47.12	45.482	45.382	45.482	45.572	45.608	45.95	64.922
472	2/19/2010 2:23:44 PM	46.76	45.446	45.248	45.248	45.464	45.464	45.824	65.012
471	2/19/2010 2:13:44 PM	46.76	45.572	45.248	45.248	45.336	45.59	45.914	65.102
470	2/19/2010 2:03:44 PM	46.76	45.572	45.248	45.248	45.464	45.698	45.908	65.012
469	2/19/2010 1:53:44 PM	46.58	45.5	45.176	45.068	45.482	45.5	45.734	65.03
468	2/19/2010 1:43:44 PM	46.58	45.5	45.176	45.176	45.392	45.608	45.734	65.138
467	2/19/2010 1:33:44 PM	46.4	45.518	44.996	44.996	45.32	45.32	45.35	64.976
466	2/19/2010 1:23:44 PM	46.22	45.338	44.924	44.924	45.23	45.248	45.482	65.228
465	2/19/2010 1:13:44 PM	46.22	45.338	45.05	45.032	45.122	45.374	45.716	65.228
464	2/19/2010 1:03:44 PM	45.86	45.212	44.888	44.888	45.302	45.338	45.68	65.192
463	2/19/2010 12:53:44 PM	45.68	45.032	44.834	44.924	45.122	45.266	45.374	65.012
462	2/19/2010 12:43:44 PM	45.68	45.032	44.834	44.924	45.032	45.032	45.374	65.228
461	2/19/2010 12:33:44 PM	45.5	45.086	44.978	45.086	45.176	45.194	45.428	65.264
460	2/19/2010 12:23:44 PM	45.32	44.906	44.906	44.906	44.906	44.904	45.374	65.3
459	2/19/2010 12:13:44 PM	45.32	44.996	44.906	44.906	44.996	45.23	45.374	65.3
458	2/19/2010 12:03:44 PM	45.14	44.816	44.816	44.816	45.032	45.05	45.392	65.246
457	2/19/2010 11:53:44 AM	44.96	44.56	44.56	44.56	44.852	44.978	45.32	65.264
456	2/19/2010 11:43:44 AM	44.78	44.456	44.474	44.456	44.78	44.564	45.032	65.21
455	2/19/2010 11:33:44 AM	44.78	44.56	44.564	44.56	44.672	44.796	45.14	65.102
454	2/19/2010 11:23:44 AM	44.6	44.384	44.294	44.384	44.6	44.852	44.852	65.138
453	2/19/2010 11:13:44 AM	44.6	44.384	44.078	44.384	44.6	44.618	44.744	65.138
452	2/19/2010 11:03:44 AM	44.6	44.186	44.186	44.186	44.32	44.96	44.96	65.264
451	2/19/2010 10:53:44 AM	44.6	44.186	44.186	44.186	44.32	44.654	44.852	65.264

63.968	52.268	43.214	43.008	42.862	42.656	42.872	44.06	22/2020 8:53:44 AM	44.06
64.076	52.7	43.214	43.322	43.178	42.656	42.98	44.06	22/2020 8:43:44 AM	44.06
64.076	52.92	43.124	43.322	42.872	42.98	42.746	44.06	22/2020 8:43:44 AM	44.06
64.22	52.736	43.142	43.142	42.98	42.564	42.566	43.88	22/2020 8:23:44 AM	43.88
64.328	53.078	43.034	42.142	42.988	42.682	42.564	43.88	22/2020 8:13:44 AM	43.88
64.22	53.384	43.25	43.034	42.682	42.564	42.566	43.88	22/2020 8:03:44 AM	43.88
64.148	53.636	43.196	42.728	42.602	42.296	42.296	43.7	22/2020 7:53:44 AM	43.7
63.968	53.666	42.8	42.674	42.332	42.116	42.116	43.52	22/2020 7:43:44 AM	43.52
64.094	49.91	42.89	42.782	42.422	42.116	42.332	43.52	22/2020 7:33:44 AM	43.52
64.202	49.802	42.016	42.674	42.202	42.116	42.206	43.52	22/2020 7:23:44 AM	43.52
64.202	49.668	42.782	42.548	42.206	41.782	41.684	43.52	22/2020 7:13:44 AM	43.52
64.202	49.802	42.674	42.224	41.774	41.45	41.684	43.52	22/2020 7:03:44 AM	43.52
64.292	49.37	42.674	42.224	41.774	41.342	41.36	43.52	22/2020 6:53:44 AM	43.52
64.292	49.802	42.564	42.008	41.648	41.136	41.36	43.52	22/2020 6:43:44 AM	43.52
64.202	49.91	42.564	42.224	41.648	41.136	41.36	43.52	22/2020 6:33:44 AM	43.52
64.292	49.802	42.564	42.116	41.648	41.018	41.018	43.52	22/2020 6:23:44 AM	43.52
64.292	49.668	42.458	42.008	41.54	41.018	41.018	43.52	22/2020 6:13:44 AM	43.52
64.202	49.506	42.564	42.116	41.54	41.018	40.802	43.52	22/2020 6:03:44 AM	43.52
64.382	49.874	42.854	42.296	41.72	41.072	41.386	43.7	22/2020 5:53:44 AM	43.7
64.472	49.982	42.638	42.188	41.828	41.194	41.522	43.7	22/2020 5:43:44 AM	43.7
64.382	49.882	42.764	42.188	41.612	41.306	41.414	43.7	22/2020 5:33:44 AM	43.7
64.382	49.874	42.764	42.188	41.72	41.072	41.414	43.7	22/2020 5:23:44 AM	43.7
64.472	49.748	42.854	42.188	41.72	41.072	41.306	43.7	22/2020 5:13:44 AM	43.7
64.544	50.668	43.034	42.368	41.792	41.486	41.702	43.88	22/2020 5:03:44 AM	43.88
64.544	49.928	42.944	42.476	41.792	41.486	41.702	43.88	22/2020 4:53:44 AM	43.88
64.544	50.594	43.034	42.368	41.9	41.252	41.486	43.88	22/2020 4:43:44 AM	43.88
64.544	50.668	42.818	42.368	42.008	41.486	41.702	43.88	22/2020 4:33:44 AM	43.88
64.328	50.162	42.818	42.476	41.792	41.486	41.702	43.88	22/2020 4:23:44 AM	43.88
64.544	50.162	42.818	42.368	41.9	41.486	41.702	43.88	22/2020 4:13:44 AM	43.88
64.436	50.668	43.034	42.242	41.594	41.594	41.81	43.88	22/2020 4:03:44 AM	43.88
64.436	49.928	43.034	42.368	41.594	41.594	41.576	43.88	22/2020 3:53:44 AM	43.88
64.436	50.162	43.034	42.476	41.594	41.594	41.81	43.88	22/2020 3:43:44 AM	43.88
64.436	50.668	42.944	42.476	41.702	41.486	41.702	43.88	22/2020 3:33:44 AM	43.88
64.724	50.216	43.214	42.764	41.558	41.666	41.882	44.06	22/2020 3:23:44 AM	

[illegible]

782	22/12/2010 6:03:44 PM	49.28	47.642	46.994	46.886	47.192	51.8	66.758	68.684	66.318
781	22/12/2010 5:53:44 PM	49.28	47.642	46.886	46.994	47.102	51.8	66.758	68.576	66.318
780	22/12/2010 5:43:44 PM	49.28	47.534	46.886	46.778	47.102	51.8	66.758	68.488	66.318
779	22/12/2010 5:33:44 PM	49.28	47.444	46.67	46.652	49.976	51.89	66.542	68.342	66.102
778	22/12/2010 5:23:44 PM	49.28	47.498	46.85	46.634	49.048	51.746	66.614	68.414	66.292
777	22/12/2010 5:13:44 PM	49.64	47.462	46.922	46.58	47.012	51.818	66.452	68.504	66.12
776	22/12/2010 5:03:44 PM	49.82	47.516	46.76	46.76	47.064	51.674	66.74	68.45	66.102
775	22/12/2010 4:53:44 PM	50	47.498	46.616	46.832	46.832	51.638	66.888	68.306	66.102
774	22/12/2010 4:43:44 PM	50.36	47.75	46.976	46.67	46.976	51.782	66.74	68.45	66.21
773	22/12/2010 4:33:44 PM	50.36	47.534	46.67	46.67	46.634	51.458	66.524	68.778	66.778
772	22/12/2010 4:23:44 PM	50.36	47.534	46.67	46.544	46.85	51.458	66.65	68.234	66.886
771	22/12/2010 4:13:44 PM	50.36	47.426	46.67	46.544	46.76	51.458	66.65	68.126	66.886
770	22/12/2010 4:03:44 PM	50	47.372	46.616	46.508	46.706	51.314	66.722	68.306	66.958
769	22/12/2010 3:53:44 PM	50	47.372	46.724	46.508	46.706	51.314	66.722	68.198	66.048
768	22/12/2010 3:43:44 PM	49.82	47.318	46.67	46.544	46.742	51.566	66.74	68.252	66.976
767	22/12/2010 3:33:44 PM	49.82	47.516	46.67	46.544	46.742	51.89	66.74	68.342	66.976
766	22/12/2010 3:23:44 PM	49.46	47.066	46.508	46.4	46.49	51.638	66.722	68.216	66.85
765	22/12/2010 3:13:44 PM	49.28	47.102	46.562	46.454	46.868	51.89	66.722	68.036	66.76
764	22/12/2010 3:03:44 PM	49.1	47.03	46.598	46.362	46.868	52.052	66.884	66.922	66.818
763	22/12/2010 2:53:44 PM	49.1	47.138	46.598	46.362	46.868	52.052	66.884	66.922	66.818
762	22/12/2010 2:43:44 PM	49.1	47.03	46.598	46.472	46.562	51.944	67.01	68.288	66.814
761	22/12/2010 2:33:44 PM	49.28	47.102	46.67	46.562	46.742	52.106	67.064	68.036	66.994
760	22/12/2010 2:23:44 PM	49.28	47.102	46.67	46.454	46.868	52.232	66.974	68.234	66.994
759	22/12/2010 2:13:44 PM	49.1	47.03	46.49	46.588	46.868	52.16	66.884	66.814	66.814
758	22/12/2010 2:03:44 PM	49.28	46.976	46.562	46.454	46.742	52.106	67.064	66.886	66.886
757	22/12/2010 1:53:44 PM	49.28	46.778	46.454	46.328	46.652	52.106	66.866	68.144	66.67
756	22/12/2010 1:43:44 PM	49.1	46.796	46.49	46.274	46.562	52.052	67.118	67.982	66.814
755	22/12/2010 1:33:44 PM	49.28	46.976	46.328	46.544	46.976	51.89	66.974	68.144	66.67
754	22/12/2010 1:23:44 PM	48.92	46.742	46.202	46.094	46.292	52.07	66.938	66.526	66.526
753	22/12/2010 1:13:44 PM	48.38	46.634	46.094	46.34	46.4	52.088	66.956	66.82	66.82
752	22/12/2010 1:03:44 PM	47.84	46.436	46.112	46.112	46.418	51.782	67.172	67.91	66.76
751	2									

[illegible]



[illegible]

1082	2/23/2010 8:03:44 PM	51.26	50.846	50.736	50.936	64.056	71.87	67.55	67.946	67.064
1083	2/23/2010 8:13:44 PM	51.08	50.756	50.99	51.224	63.966	72.014	67.46	67.892	67.208
1084	2/23/2010 8:23:44 PM	51.08	50.666	50.882	51.422	64.202	71.906	67.672	68	67.028
1085	2/23/2010 8:33:44 PM	50.9	50.702	51.044	51.458	64.022	71.726	67.96	67.82	67.028
1086	2/23/2010 8:43:44 PM	50.72	50.72	50.972	51.278	64.058	71.852	67.532	67.748	66.956
1087	2/23/2010 8:53:44 PM	50.72	50.954	51.062	51.368	64.058	71.852	67.532	67.748	66.956
1088	2/23/2010 9:03:44 PM	50.72	50.738	50.864	51.064	64.058	71.96	67.64	67.838	67.172
1089	2/23/2010 9:13:44 PM	50.72	50.396	50.63	50.198	64.058	71.762	67.532	67.748	67.082
1090	2/23/2010 9:23:44 PM	50.72	50.306	50.63	49.892	64.058	72.086	67.856	67.946	67.082
1091	2/23/2010 9:33:44 PM	50.54	50.216	50.58	49.91	63.968	71.806	67.676	67.766	67.1
1092	2/23/2010 9:43:44 PM	50.54	50.342	50.558	49.586	63.968	72.014	67.676	67.766	67.1
1093	2/23/2010 9:53:44 PM	50.54	50.342	50.558	49.586	63.968	72.014	67.676	67.766	67.1
1094	2/23/2010 10:03:44 PM	50.36	50.162	50.612	49.838	63.806	71.924	67.712	67.712	67.028
1095	2/23/2010 10:13:44 PM	50.36	50.036	50.504	49.838	63.914	71.924	67.712	67.712	67.028
1096	2/23/2010 10:23:44 PM	50.36	50.036	50.504	49.838	63.914	71.924	67.712	67.712	67.028
1097	2/23/2010 10:33:44 PM	50.36	49.946	49.946	49.406	64.022	72.032	67.622	67.712	67.136
1098	2/23/2010 10:43:44 PM	50.18	49.766	49.802	48.902	63.842	71.852	67.82	67.91	67.136
1099	2/23/2010 10:53:44 PM	50.18	49.532	49.982	48.776	63.878	71.852	67.73	67.73	67.046
1100	2/23/2010 11:03:44 PM	50	49.028	49.282	48.272	63.878	71.798	67.568	67.56	66.776
1101	2/23/2010 11:13:44 PM	50	49.352	49.352	48.164	63.878	71.798	67.568	67.568	66.666
1102	2/23/2010 11:23:44 PM	50	49.028	49.028	47.93	63.878	71.798	67.568	67.568	66.666
1103	2/23/2010 11:33:44 PM	50	48.686	48.686	47.53	63.878	71.798	67.568	67.568	66.666
1104	2/23/2010 11:43:44 PM	49.82	48.308	48.416	47.426	63.966	72.014	67.766	67.766	66.992
1105	2/23/2010 11:53:44 PM	49.82	47.858	48.308	47.192	63.914	71.834	67.82	67.712	67.028
1106	2/24/2010 12:03:44 PM	49.82	47.994	48.416	47.192	64.004	71.924	67.82	67.82	67.154
1107	2/24/2010 12:13:44 PM	49.64	47.804	48.128	47.012	63.842	71.978	67.766	67.856	67.172
1108	2/24/2010 12:23:44 PM	49.64	47.894	48.344	47.462	63.95	71.978	67.856	67.856	67.064
1109	2/24/2010 12:33:44 PM	49.46	47.714	48.164	47.174	63.878	71.906	67.856	67.856	66.794
1110	2/24/2010 12:43:44 PM	49.46	47.144	48.164	47.174	63.878	71.906	67.856	67.856	66.794
1111	2/24/2010 12:53:44 PM	49.46	47.824	48.244	46.742	64.004	71.996	67.892	67.784	67.118
1112	2/24/2010 1:03:44 PM	49.46	47.824	48.164	46.742	64.004	71.996	67.892	67.784	67.118
1113	2/24/2010 1:13:44 PM	49.46	47.824	48.164	46.742	64.004	71.996	67.892	67.784	67.118
1114	2/24/2010 1:23:44 PM	49.46	47.824	48.164	46.742	64.004	71.996	67.892	67.784	67.118
1115	2/24/2010 1:33:44 PM	49.28	47.21	47.444	46.22	63.824	72.104	67.892	67.892	66.992
1116	2/24/2010 1:43:44 PM	49.28	47.552	47.102	46.22	63.914	72.05	67.73	67.73	66.938
1117	2/24/2010 1:53:44 PM	49.28	47.102	47.444	46.22	64.022	72.05	67.73	67.73	66.938
1118	2/24/2010 2:03:44 PM	49.28	47.318	47.318	46.004	63.914	72.05	67.928	67.928	67.046
1119	2/24/2010 2:13:44 PM	49.28	47.318	47.318	46.004	63.914	72.05	67.928	67.928	67.046
1120	2/24/2010 2:23:44 PM	49.1	46.706	46.706	47.03	63.842	71.942	67.82	67.82	66.936
1121	2/24/2010 2:33:44 PM	49.1	46.706	46.706	47.264	63.842	72.068	67.982	67.982	66.902
1122	2/24/2010 2:43:44 PM	49.82	46.85	47.282	46.148	63.662	71.906	67.946	67.946	66.902
1123	2/24/2010 2:53:44 PM	49.82	46.616	47.192	45.86	63.662	72.014	67.802	67.802	66.776
1124	2/24/2010 3:03:44 PM	49.82	46.526	46.958	45.86	63.866	72.014	67.802	67.802	66.776
1125	2/24/2010 3:13:44 PM	49.82	46.526	46.958	45.86	63.866	72.014	67.802	67.802	66.776
1126	2/24/2010 3:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1127	2/24/2010 3:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1128	2/24/2010 3:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1129	2/24/2010 3:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1130	2/24/2010 4:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1131	2/24/2010 4:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1132	2/24/2010 4:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1133	2/24/2010 4:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1134	2/24/2010 4:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1135	2/24/2010 4:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1136	2/24/2010 5:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1137	2/24/2010 5:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1138	2/24/2010 5:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1139	2/24/2010 5:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1140	2/24/2010 5:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1141	2/24/2010 5:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1142	2/24/2010 6:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1143	2/24/2010 6:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1144	2/24/2010 6:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1145	2/24/2010 6:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1146	2/24/2010 6:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1147	2/24/2010 6:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1148	2/24/2010 7:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1149	2/24/2010 7:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1150	2/24/2010 7:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1151	2/24/2010 7:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1152	2/24/2010 7:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1153	2/24/2010 7:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1154	2/24/2010 8:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1155	2/24/2010 8:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1156	2/24/2010 8:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1157	2/24/2010 8:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1158	2/24/2010 8:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1159	2/24/2010 8:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1160	2/24/2010 9:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1161	2/24/2010 9:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1162	2/24/2010 9:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1163	2/24/2010 9:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1164	2/24/2010 9:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1165	2/24/2010 9:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1166	2/24/2010 10:03:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1167	2/24/2010 10:13:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1168	2/24/2010 10:23:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1169	2/24/2010 10:33:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1170	2/24/2010 10:43:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1171	2/24/2010 10:53:44 PM	49.82	46.742	46.958	45.776	63.662	72.014	67.946	67.946	66.902
1172	2									





1479	22/5/2020 2:13:44 PM	47.84	47.858	55.436	56.192	66.48	68.558	68.558	68.558	67.478	66.578
1478	22/5/2020 2:03:44 PM	47.84	47.75	55.436	56.192	66.48	68.558	68.558	68.558	67.478	66.578
1477	22/5/2020 1:53:44 PM	47.84	47.516	56.328	56.192	66.48	68.558	68.558	68.558	67.478	66.812
1476	22/5/2020 1:43:44 PM	47.66	47.444	54.932	56.012	66.3	68.576	68.378	68.378	67.424	66.524
1475	22/5/2020 1:33:44 PM	47.66	47.444	54.932	56.318	66.408	68.702	68.612	68.612	67.532	66.632
1474	22/5/2020 1:23:44 PM	47.48	47.066	54.752	56.372	66.462	68.63	68.432	68.432	67.568	66.686
1473	22/5/2020 1:13:44 PM	47.48	46.724	54.554	56.48	66.57	68.72	68.63	68.63	67.676	66.884
1472	22/5/2020 1:03:44 PM	47.3	46.544	54.6	56.318	66.408	68.666	68.664	68.664	67.388	66.704
1471	22/5/2020 12:53:44 PM	47.3	46.328	50.918	56.408	66.408	68.774	68.792	68.792	67.496	66.704
1470	22/5/2020 12:43:44 PM	47.12	46.328	56.444	56.444	66.318	68.792	68.612	68.612	67.442	66.524
1469	22/5/2020 12:33:44 PM	47.12	46.148	46.382	56.57	66.318	68.702	68.612	68.612	67.532	66.758
1468	22/5/2020 12:23:44 PM	47.12	46.148	46.706	56.57	66.318	68.792	68.702	68.702	67.64	66.758
1467	22/5/2020 12:13:44 PM	46.94	46.86	46.818	56.48	66.45	68.63	68.45	68.45	67.46	66.578
1466	22/5/2020 12:03:44 PM	46.76	45.572	46.022	56.516	66.192	68.558	68.576	68.576	67.388	66.614
1465	22/5/2020 11:53:44 AM	46.76	45.56	46.202	56.408	66.192	68.664	68.664	68.664	67.388	66.614
1464	22/5/2020 11:43:44 AM	46.76	44.722	45.59	48.524	66.192	68.666	68.666	68.666	67.388	66.488
1463	22/5/2020 11:33:44 AM	46.76	44.924	45.59	46.778	66.192	68.576	68.576	68.576	67.604	66.722
1462	22/5/2020 11:23:44 AM	46.58	44.51	44.942	45.224	66.12	68.81	68.522	68.522	67.542	66.542
1461	22/5/2020 11:13:44 AM	46.58	44.402	44.942	45.392	66.012	68.81	68.522	68.522	67.334	66.434
1460	22/5/2020 11:03:44 AM	46.4	44.388	44.938	44.888	66.54	68.738	68.432	68.432	67.352	66.488
1459	22/5/2020 10:53:44 AM	46.4	44.24	44.438	44.438	66.83	68.63	68.54	68.54	67.244	66.488
1458	22/5/2020 10:43:44 AM	46.4	43.898	44.114	44.33	66.94	68.738	68.342	68.342	67.352	66.488
1457	22/5/2020 10:33:44 AM	46.4	43.448	44.114	44.33	66.738	68.54	68.54	68.54	67.586	66.578
1456	22/5/2020 10:23:44 AM	46.4	43.34	43.79	44.006	66.94	68.864	68.342	68.342	67.352	66.578
1455	22/5/2020 10:13:44 AM	46.4	43.448	44.006	44.006	66.94	68.972	68.54	68.54	67.478	66.686
1454	22/5/2020 10:03:44 AM	46.4	43.232	43.79	43.682	66.94	68.864	68.54	68.54	67.586	66.686
1453	22/5/2020 9:53:44 AM	46.4	42.908	43.34	43.448	66.738	68.972	68.54	68.54	67.478	66.578
1452	22/5/2020 9:43:44 AM	46.4	42.684	43.016	43.34	68.738	68.648	68.54	68.54	67.478	66.794
1451	22/5/2020 9:33:44 AM	46.4	42.68	43.016	43.016	68.062					

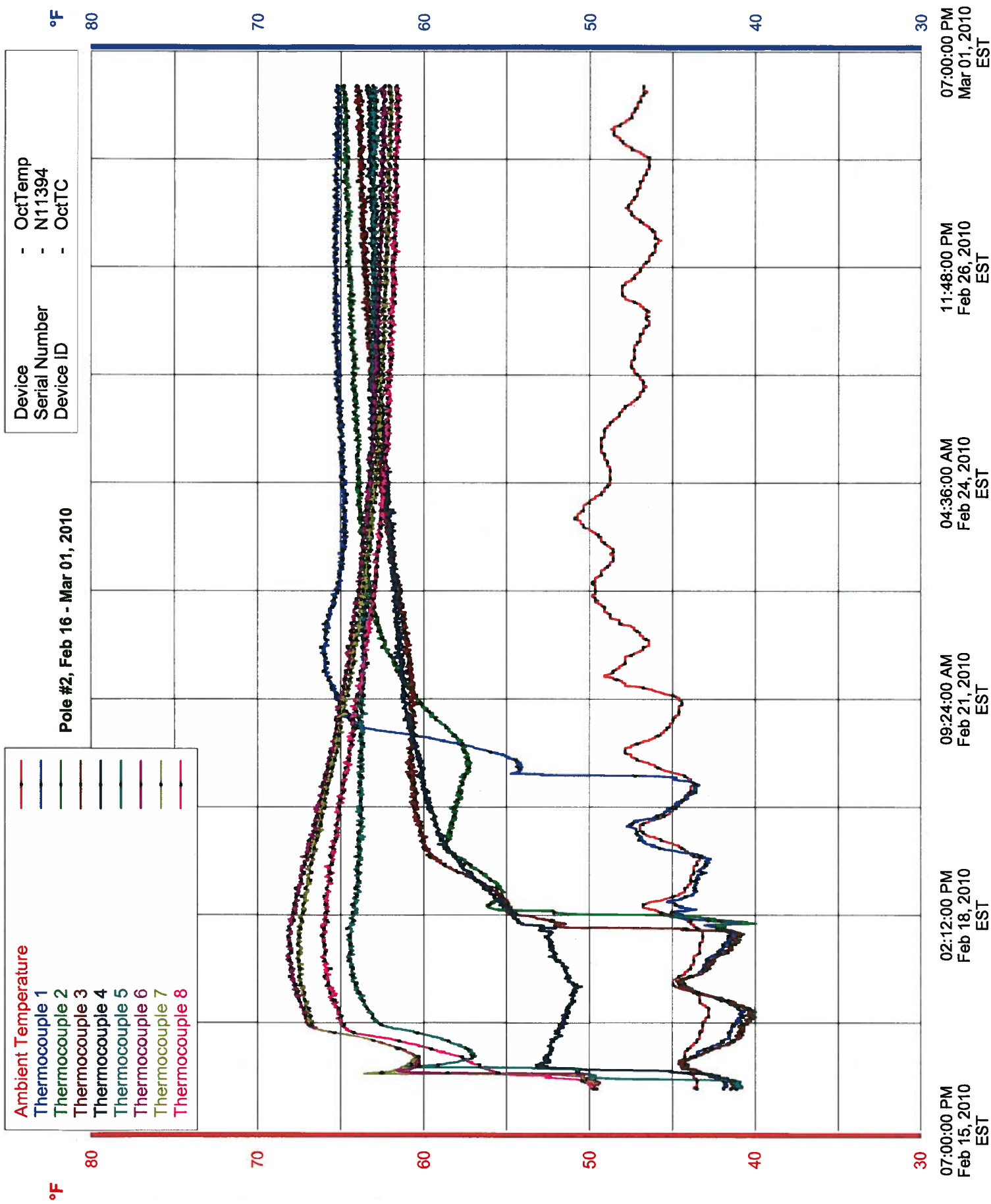
[illegible]





1778	2/28/2010 4:03:44 PM	48.56	48.47	56.138	64.958	64.558	65.822	67.442	67.1	66.236
1779	2/28/2010 4:13:44 PM	48.74	48.524	56.21	65.138	64.778	66.11	67.514	67.19	66.29
1780	2/28/2010 4:23:44 PM	48.74	48.524	56.21	65.138	64.778	66.11	67.514	67.19	66.29
1781	2/28/2010 4:33:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1782	2/28/2010 4:43:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1783	2/28/2010 4:53:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1784	2/28/2010 5:03:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1785	2/28/2010 5:13:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1786	2/28/2010 5:23:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1787	2/28/2010 5:33:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1788	2/28/2010 5:43:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1789	2/28/2010 5:53:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1790	2/28/2010 6:03:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1791	2/28/2010 6:13:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1792	2/28/2010 6:23:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1793	2/28/2010 6:33:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1794	2/28/2010 6:43:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1795	2/28/2010 6:53:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1796	2/28/2010 7:03:44 PM	48.92	48.596	56.156	65.084	64.634	66.002	67.424	67.19	66.388
1797	2/28/2010 7:13:44 PM	48.74	48.588	56.228	65.048	64.886	66.11	67.442	67.1	66.344
1798	2/28/2010 7:23:44 PM	48.56	48.588	56.264	65.048	64.94	66.93	67.442	67.1	66.344
1799	2/28/2010 7:33:44 PM	48.56	48.588	56.264	65.048	64.94	66.93	67.442	67.1	66.344
1800	2/28/2010 7:43:44 PM	48.56	48.588	56.264	65.048	64.94	66.93	67.442	67.1	66.344
1801	2/28/2010 7:53:44 PM	48.2	47.372	56.462	65.174	64.814	66.102	67.374	66.974	66.308
1802	2/28/2010 8:03:44 PM	48.2	47.372	56.462	65.174	64.814	66.102	67.374	66.974	66.308
1803	2/28/2010 8:13:44 PM	48.2	47.372	56.462	65.174	64.814	66.102	67.374	66.974	66.308
1804	2/28/2010 8:23:44 PM	48.02	46.382	56.066	65.174	64.958	66.84	67.46	67.118	66.326
1805	2/28/2010 8:33:44 PM	48.02	46.382	56.246	65.174	65.066	66.84	67.46	67.118	66.326
1806	2/28/2010 8:43:44 PM	48.02	46.274	56.354	65.066	65.174	66.038	67.226	66.452	66.56
1807	2/28/2010 8:53:44 PM	47.84	46.094	56.3	65.012	65.076	66.688	67.388	66.938	66.38
1808	2/28/2010 9:03:44 PM	47.84	46.094	56.3	65.012	65.076	66.688	67.388	66.938	66.38
1809	2/28/2010 9:13:44 PM	47.66	45.914	56.228	64.94	64.922	65.678	67.226	66.992	66.2
1810	2/28/2010 9:23:44 PM	47.66	45.698	56.228	64.94	64.922	65.678	67.226	66.992	66.2
1811	2/28/2010 9:33:44 PM	47.66	45.698	56.228	64.94	64.922	65.678	67.226	66.992	66.2
1812	2/28/2010 9:43:44 PM	47.66	45.698	56.228	64.94	64.922	65.678	67.226	66.992	66.2
1813	2/28/2010 9:53:44 PM	47.66	45.698	56.228	64.94	64.922	65.678	67.226	66.992	66.2
1814	2/28/2010 10:03:44 PM	47.66	45.698	56.228	64.94	64.922	65.678	67.226	66.992	66.2
1815	2/28/2010 10:13:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1816	2/28/2010 10:23:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1817	2/28/2010 10:33:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1818	2/28/2010 10:43:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1819	2/28/2010 10:53:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1820	2/28/2010 11:03:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1821	2/28/2010 11:13:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1822	2/28/2010 11:23:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1823	2/28/2010 11:33:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1824	2/28/2010 11:43:44 PM	47.48	45.518	56.264	65.084	64.94	66.732	67.028	66.398	66.388
1825	2/28/2010 11:53:44 PM	47.3	45.122	56.084	65.012	65.21	65.876	67.406	67.064	66.506
1826	2/28/2010 12:03:44 PM	47.3	45.122	56.084	65.012	65.21	65.876	67.406	67.064	66.506
1827	2/28/2010 12:13:44 PM	47.3	45.122	56.192	65.012	65.102	65.984	67.298	67.19	66.398
1828	2/28/2010 12:23:44 PM	47.3	45.122	56.192	65.012	65.102	65.984	67.298	67.19	66.398
1829	2/28/2010 12:33:44 PM	47.3	45.122	56.192	65.012	65.102	65.984	67.298	67.19	66.398
1830	2/28/2010 12:43:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1831	2/28/2010 12:53:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1832	2/28/2010 13:03:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1833	2/28/2010 13:13:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1834	2/28/2010 13:23:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1835	2/28/2010 13:33:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1836	2/28/2010 13:43:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1837	2/28/2010 13:53:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1838	2/28/2010 14:03:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1839	2/28/2010 14:13:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1840	2/28/2010 14:23:44 PM	47.12	44.816	56.012	65.084	65.138	66.804	67.118	67.01	66.326
1841	2/28/2010 14:33:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1842	2/28/2010 14:43:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1843	2/28/2010 14:53:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1844	2/28/2010 15:03:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1845	2/28/2010 15:13:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1846	2/28/2010 15:23:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1847	2/28/2010 15:33:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1848	2/28/2010 15:43:44 PM	46.94	44.978	56.086	64.976	65.086	66.75	67.262	67.1	66.416
1849	2/28/2010 15:53:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1850	2/28/2010 16:03:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1851	2/28/2010 16:13:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1852	2/28/2010 16:23:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1853	2/28/2010 16:33:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1854	2/28/2010 16:43:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1855	2/28/2010 16:53:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1856	2/28/2010 17:03:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1857	2/28/2010 17:13:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1858	2/28/2010 17:23:44 PM	46.76	44.132	56.98	64.888	65.318	66.68	67.19	66.92	66.434
1859	2/28/2010 17:33:44 PM	46.58	43.412	56.588	64.742	65.264	66.93	67.226	67.1	66.434
1860	2/28/2010 17:43:44 PM	46.58	43.412	56.588	64.742	65.264	66.93	67.226	67.1	66.434
1861	2/28/2010 17:53:44 PM	46.58	43.412	56.588	64.742	65.264	66.93	67.226	67.1	66.434
1862	2/28/2010 18:03:44 PM	46.58	43.412	56.588	64.742	65.264	66.93	67.226	67.1	66.434
1863	2/28/2010 18:13:44 PM	46.4	43.772	56.3	64.67	65.192	66.75	67.154	67.046	66.146
1864	2/28/2010 18:23:44 PM	46.4	43.772	56.3	64.67	65.192	66.75	67.154	67.046	66.146
1865	2/28/2010 18:33:44 PM	46.4	43.772	56.3	64.67	65.192	66.75	67.154	67.046	66.146
1866	2/28/2010 18:43:44 PM	46.4	43.772	56.3	64.67	65.192	66.75	67.154	67.046	66.146
1867	2/28/2010 18:53:44 PM	46.4	43.772	56.3	64.67	65.192	66.75	67.154	67.046	66.146
1868	2/28/2010 19:03:44 PM</									







[illegible]



Unit Type (All Units)	Reading Date/Time (EST)	Thermocouple 1	Thermocouple 2	Thermocouple 3	Thermocouple 4	Thermocouple 5	Thermocouple 6	Thermocouple 7	Thermocouple 8
286	2/18/2010 7:27:27 PM	43.16	41.54	40.874	41.09	52.664	64.418	68.18	67.496
287	2/18/2010 7:37:27 PM	43.16	41.666	41.09	41.09	52.538	64.526	68.18	67.496
288	2/18/2010 7:47:27 PM	43.16	41.432	40.874	41.09	52.448	64.634	68.18	67.496
289	2/18/2010 7:57:27 PM	43.16	41.234	40.676	40.676	52.448	64.526	68.18	67.496
290	2/18/2010 8:07:27 PM	43.16	41.234	41.09	41.09	52.34	64.418	68.054	67.604
291	2/18/2010 8:17:27 PM	43.16	41.342	40.874	41.09	52.448	64.418	68.054	67.604
292	2/18/2010 8:27:27 PM	43.16	41.432	41.09	41.09	52.448	64.418	68.054	67.604
293	2/18/2010 8:37:27 PM	43.16	41.54	41.198	41.198	52.448	64.418	68.054	67.604
294	2/18/2010 8:47:27 PM	43.16	41.666	41.198	41.198	52.232	64.418	68.054	67.604
295	2/18/2010 8:57:27 PM	43.16	41.666	41.324	41.324	52.34	64.292	67.946	67.496
296	2/18/2010 9:07:27 PM	43.16	41.774	41.432	41.432	52.34	64.418	68.054	67.496
297	2/18/2010 9:17:27 PM	43.34	41.954	41.72	41.72	52.952	64.364	68.234	67.586
298	2/18/2010 9:27:27 PM	43.34	41.828	41.828	41.828	52.952	64.364	68.234	67.586
299	2/18/2010 9:37:27 PM	43.34	42.17	42.17	42.17	52.826	64.364	68.018	67.352
300	2/18/2010 9:47:27 PM	43.34	42.044	42.044	42.044	52.826	64.364	68.018	67.352
301	2/18/2010 9:57:27 PM	43.52	42.224	42.008	42.008	52.898	64.652	68.108	67.424
302	2/18/2010 10:07:27 PM	43.52	42.35	42.008	42.008	52.034	64.444	68.108	67.532
303	2/18/2010 10:17:27 PM	43.52	42.134	41.792	41.792	52.034	64.454	68.108	67.532
304	2/18/2010 10:27:27 PM	43.7	42.53	41.972	41.972	52.88	64.508	68.162	67.604
305	2/18/2010 10:37:27 PM	43.7	42.08	42.08	42.08	52.988	64.508	68.162	67.604
306	2/18/2010 10:47:27 PM	43.7	42.854	42.404	42.404	52.754	64.4	68.054	67.514
307	2/18/2010 10:57:27 PM	43.7	42.296	42.782	42.782	52.88	64.292	68.054	67.406
308	2/18/2010 11:07:27 PM	43.7	42.296	42.782	42.782	52.88	64.292	68.054	67.406
309	2/18/2010 11:17:27 PM	43.7	41.764	41.764	41.764	52.124	64.202	67.946	67.406
310	2/18/2010 11:27:27 PM	43.88	39.974	39.974	39.974	51.44	64.454	67.91	67.352
311	2/18/2010 11:37:27 PM	43.88	41.162	40.496	40.496	51.53	64.014	67.91	67.352
312	2/18/2010 11:47:27 AM	43.88	41.594	40.604	40.604	51.872	64.364	68.018	67.262
313	2/18/2010 11:57:27 AM	43.88	41.828	40.496	40.496	52.07	64.256	67.91	67.262
314	2/18/2010 12:07:27 PM	44.06	42.242	42.142	42.142	54.194	64.328	68.09	67.442
315	2/18/2010 12:17:27 PM	43.88	42.584	42.112	42.112	54.338	64.448	67.802	67.262
316	2/18/2010 12:27:27 PM	43.88	42.818	42.304	42.304	54.338	64.256	67.802	67.352
317	2/18/2010 12:37:27 PM	44.06	43.43	42.656	42.656	54.392	64.202	67.982	67.442
318	2/18/2010 12:47:27 PM	44.24	43.934	42.722	42.722	54.266	64.292	68.144	67.442
319	2/18/2010 12:57:27 PM	44.24	42.404	42.664	42.664	54.464	64.292	67.838	67.386
320	2/18/2010 1:07:27 PM	44.42	43.016	43.15	43.15	54.554	64.472	67.892	67.334
321	2/18/2010 1:17:27 PM	44.6	44.528	43.304	43.304	54.608	64.31	67.964	67.514
322	2/18/2010 1:27:27 PM	44.6	44.744	43.304	43.304	54.5	64.31	67.856	67.424
323	2/18/2010 1:37:27 PM	44.78	45.14	43.984	43.984	54.464	64.292	67.856	67.424
324	2/18/2010 1:47:27 PM	44.96	44.888	44.654	44.654	53.644	64.292	67.856	67.424
325	2/18/2010 1:57:27 PM	45.14	44.804	44.604	44.604	53.644	64.292	67.856	67.424
326	2/18/2010 2:07:27 PM	45.14	44.402	44.402	44.402	54.5	64.202	67.946	67.298
327	2/18/2010 2:17:27 PM	45.14	44.402	44.402	44.402	54.5	64.202	67.946	67.298
328	2/18/2010 2:27:27 PM	45.32	44.69	44.69	44.69	54.66	64.274	67.928	67.37
329	2/18/2010 2:37:27 PM	45.5	44.87	44.87	44.87	54.752	64.13	67.874	67.334
330	2/18/2010 2:47:27 PM	45.5	44.654	44.654	44.654	54.752	64.022	67.676	67.226
331	2/18/2010 2:57:27 PM	45.68	45.05	44.924	44.924	54.77	64.256	67.91	67.262
332	2/18/2010 3:07:27 PM	45.68	45.86	45.86	45.86	54.77	64.256	67.91	67.262
333	2/18/2010 3:17:27 PM	45.86	44.69	44.69	44.69	54.77	64.04	67.694	67.154
334	2/18/2010 3:27:27 PM	45.86	44.042	44.042	44.042	54.77	64.448	67.802	67.262
335	2/18/2010 3:37:27 PM	46.04	43.988	43.988	43.988	54.824	64.12	67.856	67.316
336	2/18/2010 3:47:27 PM	46.04	43.556	43.556	43.556	54.734	64.004	67.658	67.1
337	2/18/2010 3:57:27 PM	46.4	44.24	44.24	44.24	54.878	64.13	67.892	67.352
338	2/18/2010 4:07:27 PM	46.4	43.916	43.916	43.916	54.878	64.04	67.694	67.336
339	2/18/2010 4:17:27 PM	46.4	44.204	44.204	44.204	54.968	64.22	67.874	67.19
340	2/18/2010 4:27:27 PM	46.76	44.384	44.384	44.384	54.968	64.292	67.82	67.28
341	2/18/2010 4:37:27 PM	46.76	44.384	44.384	44.384	54.968	64.292	67.82	67.28
342	2/18/2010 4:47:27 PM	46.76	44.384	44.384	44.384	54.968	64.166	67.604	67.28
343	2/18/2010 4:57:27 PM	46.76	44.6	44.6	44.6	54.968	64.166	67.604	67.28
344	2/18/2010 5:07:27 PM	46.76	44.834	44.834	44.834	54.968	64.292	67.82	67.28
345	2/18/2010 5:17:27 PM	46.76	44.708	44.708	44.708	54.968	64.4	67.82	67.28
346	2/18/2010 5:27:27 PM	46.76	44.834	44.834	44.834	54.968	64.292	67.82	67.28
347	2/18/2010 5:37:27 PM	46.76	44.852	44.852	44.852	54.968	64.112	67.64	67.19
348	2/18/2010 5:47:27 PM	46.76	44.852	44.852	44.852	54.968	64.292	67.82	67.28
349	2/18/2010 5:57:27 PM	46.4	45.014	45.014	45.014	54.878	64.04	67.694	67.336
350	2/18/2010 6:07:27 PM	46.4	45.094	45.094	45.094	54.878	64.13	67.676	67.118
351	2/18/2010 6:17:27 PM	46.22	45.284	45.284	45.284	54.968	64.184	67.73	67.19
352	2/18/2010 6:27:27 PM	46.04	45.302	45.302	45.302	54.968	64.112	67.766	67.1
353	2/18/2010 6:37:27 PM	45.68	45.472	45.472	45.472	54.968	64.112	67.766	67.1
354	2/18/2010 6:47:27 PM	45.68	44.744	44.744	44.744	54.968	64.076	67.73	67.19
355	2/18/2010 6:57:27 PM	45.5	44.634	44.634	44.634	54.968	64.13	67.676	67.226
356	2/18/2010 7:07:27 PM	45.5	44.564	44.564	44.564	54.968	64.22	67.676	67.226
357	2/18/2010 7:17:27 PM	45.32	44.474	44.474	44.474	54.968	64.274	67.694	67.154
358	2/18/2010 7:27:27 PM	45.14	44.294	44.294	44.294	54.968	64.094	67.748	67.1
359	2/18/2010 7:37:27 PM	45.14	44.294	44.294	44.294	54.968	64.094	67.748	67.1
360	2/18/2010 7:47:27 PM	44.96	44.114	44.114	44.114	54.968	64.022	67.694	67.352
361	2/18/2010 7:57:27 PM	44.96	44.222	44.222	44.222	54.968	64.022	67.694	67.352
362	2/18/2010 8:07:27 PM	44.78	43.844	43.844	43.844	54.968	64.058	67.712	67.172
363	2/18/2010 8:17:27 PM	44.6	43.754	43.754	43.754	54.968	64.058	67.712	67.172
364	2/18/2010 8:27:27 PM	44.6	43.852	43.852	43.852	54.968	64.112	67.82	67.28
365	2/18/2010 8:37:27 PM	44.6	43.754	43.754	43.754	54.968	64.112	67.82	67.28
366	2/18/2010 8:47:27 PM	44.6	43.754	43.754	43.754	54.968	64.112	67.82	67.28
367	2/18/2010 8:57:27 PM	44.42	43.682	43.682	43.682	54.968	64.022	67.586	67.028
368	2/18/2010 9:07:27 PM	44.42	43.682	43.682	43.682	54.968	64.022	67.586	67.028
369	2/18/2010 9:17:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
370	2/18/2010 9:27:27 PM	44.24	43.502	43.502	43.502	54.968	64.022	67.586	67.028
371	2/18/2010 9:37:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
372	2/18/2010 9:47:27 PM	44.24	43.736	43.736	43.736	54.968	64.022	67.586	67.028
373	2/18/2010 9:57:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
374	2/18/2010 10:07:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
375	2/18/2010 10:17:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
376	2/18/2010 10:27:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
377	2/18/2010 10:37:27 PM	44.24	43.61	43.61	43.61	54.968	64.022	67.586	67.028
378	2/18/2010 10:47:27 PM	44.06	43.364	43.364	43.364	54.968	64.022	67.586	67.028
379	2/18/2010 10:57:27 PM	44.06	43.664	43.664	43.664	54.968	64.022	67.586	67.028
380	2/18/2010 11:07:27 PM	44.06	43.664	43.664	43.664	54.968	64.022	67.586	67.028
381	2/18/2010 11:17:27 PM	44.06	43.664	43.664	43.664	54.968	64.022	67.586	67.028
382	2/18/2010 11:27:27 PM	44.06	43.664	43.664	43.664	54.968	64.022	67.586	67.028
383	2/18/2010 11:37:27 PM	44.06	43.664	43.664	43.664	54.968	64.022	67.586	67.028
384	2/18/2010 11:47:27 PM	43.88	43.664	43.664	43.664	54.968	64.022	67.586	67.028

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883	2/22/2010 10:57:27 AM	66.678	62.996	61.268	61.664	63.626	64.292	63.824	63.266
884	2/22/2010 11:07:27 AM	66.804	63.086	61.358	61.664	63.626	64.292	63.824	63.266
885	2/22/2010 11:17:27 AM	66.874	62.996	61.422	61.574	63.536	64.058	63.716	63.156
886	2/22/2010 11:27:27 AM	66.804	62.888	61.268	61.574	63.536	64.058	63.716	63.156
887	2/22/2010 11:37:27 AM	66.57	62.888	61.268	61.574	63.536	64.058	63.716	63.156
888	2/22/2010 11:47:27 AM	66.57	62.888	61.268	61.574	63.536	64.058	63.716	63.156
889	2/22/2010 11:57:27 AM	66.57	62.888	61.268	61.574	63.536	64.058	63.716	63.156
890	2/22/2010 12:07:27 PM	66.66	62.942	61.106	61.52	63.608	64.238	63.104	63.104
891	2/22/2010 12:17:27 PM	66.66	62.942	61.106	61.52	63.608	64.238	63.104	63.104
892	2/22/2010 12:27:27 PM	66.714	63.014	61.502	61.826	63.662	64.202	63.878	63.284
893	2/22/2010 12:37:27 PM	66.714	63.014	61.502	61.826	63.662	64.202	63.878	63.284
894	2/22/2010 12:47:27 PM	66.714	63.014	61.502	61.826	63.662	64.202	63.878	63.284
895	2/22/2010 12:57:27 PM	66.714	63.014	61.502	61.826	63.662	64.202	63.878	63.284
896	2/22/2010 1:07:27 PM	66.606	63.122	61.394	61.736	63.482	64.22	63.122	63.122
897	2/22/2010 1:17:27 PM	66.606	63.122	61.394	61.736	63.482	64.22	63.122	63.122
898	2/22/2010 1:27:27 PM	66.714	63.122	61.394	61.736	63.482	64.22	63.122	63.122
899	2/22/2010 1:37:27 PM	66.714	63.122	61.394	61.736	63.482	64.22	63.122	63.122
900	2/22/2010 1:47:27 PM	66.606	63.014	61.268	61.7	63.464	64.094	63.752	63.284
901	2/22/2010 1:57:27 PM	66.498	63.122	61.268	61.7	63.464	64.094	63.752	63.284
902	2/22/2010 2:07:27 PM	66.408	63.014	61.394	61.592	63.536	63.966	63.444	62.96
903	2/22/2010 2:17:27 PM	66.588	63.104	61.574	61.682	63.536	63.966	63.444	62.96
904	2/22/2010 2:27:27 PM	66.482	63.104	61.574	61.682	63.536	63.966	63.444	62.96
905	2/22/2010 2:37:27 PM	66.354	63.104	61.358	61.582	63.536	64.04	63.734	63.032
906	2/22/2010 2:47:27 PM	66.354	63.104	61.358	61.582	63.536	64.04	63.734	63.032
907	2/22/2010 2:57:27 PM	66.534	63.158	61.304	61.628	63.482	64.22	63.122	63.122
908	2/22/2010 3:07:27 PM	66.336	63.284	61.304	61.628	63.482	64.22	63.122	63.122
909	2/22/2010 3:17:27 PM	66.336	63.284	61.304	61.628	63.482	64.22	63.122	63.122
910	2/22/2010 3:27:27 PM	66.498	63.23	61.484	61.808	63.572	64.202	63.176	63.068
911	2/22/2010 3:37:27 PM	66.498	63.23	61.484	61.808	63.572	64.202	63.176	63.068
912	2/22/2010 3:47:27 PM	66.588	63.23	61.484	61.808	63.572	64.202	63.176	63.068
913	2/22/2010 3:57:27 PM	66.426	63.158	61.43	61.628	63.59	63.914	63.68	63.122
914	2/22/2010 4:07:27 PM	66.498	63.338	61.61	61.808	63.682	64.076	63.86	63.068
915	2/22/2010 4:17:27 PM	66.39	63.23	61.376	61.7	63.466	64.076	63.86	63.068
916	2/22/2010 4:27:27 PM	66.39	63.23	61.376	61.7	63.466	64.076	63.86	63.068
917	2/22/2010 4:37:27 PM	66.39	63.23	61.376	61.7	63.466	64.076	63.86	63.068
918	2/22/2010 4:47:27 PM	66.282	63.23	61.484	61.808	63.446	63.752	63.96	63.068
919	2/22/2010 4:57:27 PM	66.282	63.122	61.484	61.808	63.446	63.752	63.96	63.068
920	2/22/2010 5:07:27 PM	66.482	63.176	61.664	61.754	63.518	63.95	63.14	63.06
921	2/22/2010 5:17:27 PM	66.336	63.176	61.664	61.754	63.518	63.95	63.14	63.06
922	2/22/2010 5:27:27 PM	66.336	63.176	61.664	61.754	63.518	63.95	63.14	63.06
923	2/22/2010 5:37:27 PM	66.482	63.176	61.664	61.754	63.518	63.95	63.14	63.06
924	2/22/2010 5:47:27 PM	66.57	63.284	61.586	61.664	63.626	63.95	63.05	63.06
925	2/22/2010 5:57:27 PM	66.39	63.23	61.376	61.7	63.466	63.77	63.96	63.06
926	2/22/2010 6:07:27 PM	66.174	63.122	61.376	61.7	63.466	63.77	63.96	63.06
927	2/22/2010 6:17:27 PM	66.282	63.23	61.484	61.7	63.466	63.77	63.96	63.06
928	2/22/2010 6:27:27 PM	66.282	63.23	61.484	61.7	63.466	63.77	63.96	63.06
929	2/22/2010 6:37:27 PM	66.174	63.338	61.376	61.7	63.466	63.77	63.96	63.06
930	2/22/2010 6:47:27 PM	66.282	63.23	61.376	61.7	63.466	63.77	63.96	63.06
931	2/22/2010 6:57:27 PM	66.174	63.23	61.376	61.7	63.466	63.77	63.96	63.06
932	2/22/2010 7:07:27 PM	66.048	63.23	61.484	61.7	63.466	63.77	63.96	63.06
933	2/22/2010 7:17:27 PM	66.39	63.338	61.484	61.7	63.466	63.77	63.96	63.06
934	2/22/2010 7:27:27 PM	66.282	63.338	61.484	61.7	63.466	63.77	63.96	63.06
935	2/22/2010 7:37:27 PM	66.174	63.338	61.484	61.7	63.466	63.77	63.96	63.06
936	2/22/2010 7:47:27 PM	66.174	63.338	61.484	61.7	63.466	63.77	63.96	63.06
937	2/22/2010 7:57:27 PM	66.282	63.446	61.61	61.916	63.446	63.878	63.878	62.87
938	2/22/2010 8:07:27 PM	66.174	63.446	61.61	61.916	63.446	63.878	63.878	62.87
939	2/22/2010 8:17:27 PM	66.048	63.338	61.484	61.7	63.466	63.77	63.96	62.96
940	2/22/2010 8:27:27 PM	66.174	63.23	61.484	61.7	63.466	63.77	63.96	62.96
941	2/22/2010 8:37:27 PM	66.048	63.23	61.61	61.7	63.466	63.77	63.96	62.96
942	2/22/2010 8:47:27 PM	66.174	63.23	61.61	61.7	63.466	63.77	63.96	62.96
943	2/22/2010 8:57:27 PM	66.228	63.41	61.664	61.862	63.518	63.95	63.06	62.87
944	2/22/2010 9:07:27 PM	66.136	63.284	61.664	61.754	63.518	63.95	63.06	62.87
945	2/22/2010 9:17:27 PM	66.228	63.518	61.772	61.754	63.518	63.95	63.06	62.87
946	2/22/2010 9:27:27 PM	66.228	63.518	61.772	61.754	63.518	63.95	63.06	62.87
947	2/22/2010 9:37:27 PM	66.048	63.23	61.61	61.7	63.466	63.77	63.96	62.96
948	2/22/2010 9:47:27 PM	66.048	63.23	61.61	61.7	63.466	63.77	63.96	62.96
949	2/22/2010 9:57:27 PM	66.136	63.518	61.772	61.988	63.41	64.058	63.608	63.14
950	2/22/2010 10:07:27 PM	66.048	63.338	61.484	61.7	63.466	63.77	63.96	62.96
951	2/22/2010 10:17:27 PM	66.048	63.446	61.61	61.808	63.446	63.77	63.96	62.96
952	2/22/2010 10:27:27 PM	66.048	63.446	61.61	61.808	63.446	63.77	63.96	62.96
953	2/22/2010 10:37:27 PM	66.048	63.338	61.61	61.808	63.338	63.77	63.96	62.87
954	2/22/2010 10:47:27 PM	66.048	63.446	61.61	61.808	63.572	63.878	63.878	62.87
955	2/22/2010 10:57:27 PM	66.174	63.536	61.718	61.916	63.446	63.878	63.878	62.96
956	2/22/2010 11:07:27 PM	66.174	63.536	61.718	61.916	63.446	63.878	63.878	62.96
957	2/22/2010 11:17:27 PM	66.102	63.482	61.736	61.952	63.392	63.788	63.374	62.888
958	2/22/2010 11:27:27 PM	66.102	63.482	61.736	61.952	63.392	63.788	63.374	62.888
959	2/22/2010 11:37:27 PM	66.102	63.59	61.862	61.862	63.482	63.914	63.374	62.96
960	2/22/2010 11:47:27 PM	66.03	63.41	61.574	61.772	63.302	63.734	63.284	62.834
961	2/22/2010 11:57:27 PM	66.03	63.41	61.574	61.772	63.302	63.734	63.284	62.834
962	2/22/2010 12:07:27 PM	66.156	63.41	61.79	61.988	63.536	63.734	63.284	62.834
963	2/22/2010 12:17:27 PM	66.156	63.41	61.79	61.988	63.536	63.734	63.284	62.834
964	2/22/2010 12:27:27 PM	66.03	63.41	61.79	61.988	63.536	63.734	63.284	62.834
965	2/22/2010 12:37:27 PM	66.03	63.536	61.88	61.772	63.41	63.842	63.626	62.942
966	2/22/2010 12:47:27 PM	66.03	63.536	61.88	61.772	63.41	63.842	63.626	62.942
967	2/22/2010 12:57:27 PM	66.156	63.536	61.79	61.988	63.536	63.842	63.5	62.942
968	2/22/2010 1:07:27 PM	66.156	63.536	61.79	61.988	63.536	63.842	63.5	62.942
969	2/22/2010 1:17:27 PM	66.03	63.626	61.79	61.988	63.536	63.734	63.5	62.834
970	2/22/2010 1:27:27 PM	66.03	63.626	61.79	61.988	63.536	63.734	63.5	62.834
971	2/22/2010 1:37:27 PM	66.1	63.446	61.826	61.826	63.564	63.788	63.446	62.862
972	2/22/2010 1:47:27 PM	66.1	63.446	61.826	61.826	63.564	63.788	63.446	62.862
973	2/22/2010 1:57:27 PM	66.066	63.554	61.826	61.934	63.564	63.788	63.446	62.862
974	2/22/2010 2:07:27 PM	66.066	63.662	61.826	62.024	63.564	63.878	63.554	62.96
975	2/22/2010 2:17:27 PM	66.886	63.482	61.754	61.844	63.374	63.698	63.464	62.798
976	2/22/2010 2:27:27 PM	66.94	63.482	61.754	61.844	63.374	63.698	63.464	62.798
977	2/22/2010 2:37:27 PM	66.808	63.608	61.862	61.844	63.374	63.806	63.464	62.798
978	2/22/2010 2:47:27 PM	66.12	63.698	61.862	61.844	63.374	63.806	63.464	62.798
979	2/22/2010 2:57:27 PM	66.94	63.518	61.808	61.898	63.428	63.826	63.464	62.834
980	2/22/2010 3:07:27 PM	66.94	63.518	61.808	61.898	63.428	63.826	63.464	62.834
981	2/22/2010 3:17:27 PM	66.832	63.626	61.808	61.898	63.428			



[illegible]

[illegible]



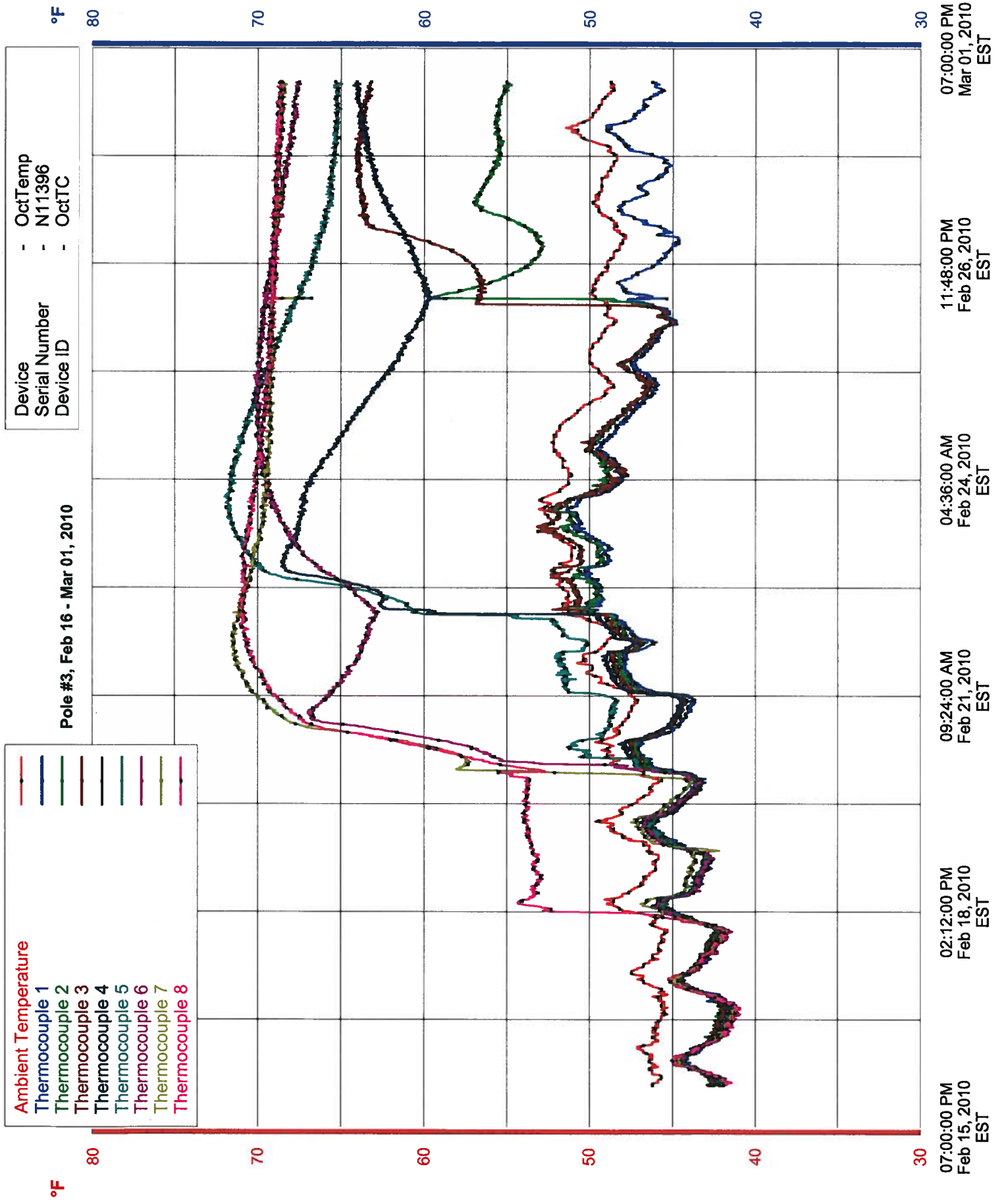
1479	2262010 2:17:27 PM	65.462	64.49	63.6	62.942	63.194	62.636	62.402	61.844
1478	2262010 2:20:27 PM	65.336	64.49	63.5	63.068	63.068	62.744	62.402	61.932
1477	2262010 1:57:27 PM	65.462	64.56	63.5	63.068	63.068	62.828	62.402	61.932
1476	2262010 1:47:27 PM	65.462	64.58	63.608	63.068	63.068	62.862	62.402	61.932
1475	2262010 1:37:27 PM	65.282	64.58	63.32	62.906	62.906	62.69	62.404	61.88
1474	2262010 1:27:27 PM	65.39	64.608	63.32	62.978	63.104	62.69	62.456	61.988
1473	2262010 1:17:27 PM	65.21	64.22	63.374	63.032	63.05	62.726	62.276	61.916
1472	2262010 1:07:27 PM	65.246	64.166	63.392	62.978	63.05	62.762	62.172	61.862
1471	2262010 12:57:27 PM	65.364	64.382	63.194	62.862	62.978	62.762	62.42	61.754
1470	2262010 12:47:27 PM	65.462	64.472	63.716	63.05	63.302	62.87	62.654	61.932
1469	2262010 12:37:27 PM	65.174	64.526	63.536	62.87	62.924	62.816	62.366	61.88
1468	2262010 12:27:27 PM	65.282	64.418	63.556	62.966	62.924	62.816	62.366	61.772
1467	2262010 12:17:27 PM	65.12	64.346	63.158	62.708	63.068	62.636	62.078	61.7
1466	2262010 12:07:27 PM	65.21	64.236	63.356	63.068	63.068	62.726	62.294	61.826
1465	2262010 11:57:27 PM	65.318	64.54	63.356	63.126	63.176	62.726	62.492	61.934
1464	2262010 11:47:27 AM	65.318	64.544	63.464	63.032	62.942	62.942	62.492	61.826
1463	2262010 11:37:27 AM	65.318	64.454	63.356	63.032	63.176	62.834	62.492	61.826
1462	2262010 11:27:27 AM	65.246	64.382	63.284	62.96	62.996	62.78	62.304	61.862
1461	2262010 11:17:27 AM	65.372	64.382	63.41	62.87	62.996	62.654	62.438	61.862
1460	2262010 11:07:27 AM	64.382	64.382	63.518	62.87	63.068	62.78	62.438	61.932
1459	2262010 10:57:27 AM	65.246	64.49	63.284	62.96	63.068	62.78	62.33	61.862
1458	2262010 10:47:27 AM	65.246	64.49	63.716	62.96	63.068	62.978	62.438	61.862
1457	2262010 10:37:27 AM	65.3	64.18	63.338	62.78	63.032	62.798	62.492	61.888
1456	2262010 10:27:27 AM	65.39	64.31	63.536	62.888	62.448	62.798	62.492	62.114
1455	2262010 10:17:27 AM	65.39	64.18	63.428	62.966	63.14	62.798	62.492	62.114
1454	2262010 10:07:27 AM	65.21	64.364	63.248	62.942	62.96	62.528	62.402	61.932
1453	2262010 9:57:27 AM	65.21	64.364	63.156	62.942	63.068	62.618	62.312	61.826
1452	2262010 9:47:27 AM	65.21	64.364	63.248	62.834	63.068	62.618	62.312	61.826
1451	2262010 9:37:27 AM	65.3	64.418	63.428	63.122	62.448	62.906	62.492	61.888
1450	2262010 9:27:27 AM	65.39	64.18	63.428	62.996	63.14	62.906	62.492	62.114
1449	2262010 9:17:27 AM	65.39	64.544	63.428	62.888	63.032	62.906	62.492	62.114
1448	2262010 9:07:27 AM	65.458	64.418	63.428	62.888	63.14	62.798	62.492	62.006
1447	2262010 8:57:27 AM	65.3	64.544	63.536	62.888	63.14	62.798	62.492	62.006
1446	2262010 8:47:27 AM	65.39	64.544	63.536	63.122	63.14	62.798	62.492	62.006</

46.04	65.3	64.634	63.788	63.122	63.158	62.6	62.984	62.024
46.04	65.408	64.634	63.662	63.122	63.158	62.726	62.984	62.024
46.04	65.408	64.634	63.662	63.014	63.158	62.726	62.984	61.79
46.04	65.408	64.634	63.554	63.014	63.158	62.6	62.984	61.79
46.04	65.408	64.544	63.788	63.014	63.032	62.726	62.15	61.916
46.04	65.516	64.436	63.554	63.014	62.816	62.6	62.15	61.79
46.04	65.21	64.544	63.446	63.122	62.924	62.6	62.276	61.916
46.04	65.408	64.436	63.662	63.032	63.158	62.6	62.15	61.682
46.04	65.21	64.544	63.662	62.906	62.924	62.6	62.276	61.682
46.04	65.3	64.634	63.554	62.906	62.816	62.6	62.15	61.79
46.04	65.3	64.328	63.554	62.906	62.924	62.6	62.15	61.494
46.04	65.3	64.436	63.662	63.014	62.924	62.482	62.15	61.682
46.22	65.462	64.616	63.734	63.086	63.104	62.672	62.33	61.772
46.22	65.49	64.49	63.734	62.906	62.87	62.78	62.33	61.772
46.22	65.264	64.616	63.536	63.086	63.104	62.672	62.222	61.772
46.22	65.264	64.49	63.626	62.87	62.996	62.672	62.33	61.772
46.22	65.264	64.382	63.536	62.96	62.996	62.672	62.132	61.64
46.4	65.444	64.67	63.688	63.05	63.158	62.744	62.312	61.952
46.4	65.336	64.582	63.59	63.14	63.158	62.744	62.312	61.952
46.4	65.444	64.67	63.698	63.05	63.068	62.744	62.402	61.826
46.4	65.444	64.582	63.688	62.92	63.068	62.618	62.312	61.952
46.4	65.444	64.772	63.59	63.05	62.96	62.618	62.186	61.718
46.4	65.444	64.582	63.59	62.942	62.852	62.744	62.312	61.826
46.4	65.444	64.772	63.482	63.14	62.96	62.618	62.312	61.826
46.4	65.62	64.582	63.698	62.942	62.96	62.618	62.312	61.826
46.4	65.336	64.772	63.482	62.942	63.068	62.528	62.312	61.826
46.4	65.336	64.772	63.482	62.942	62.96	62.618	62.312	61.826
46.4	65.21	64.772	63.482	62.942	62.96	62.618	62.186	61.826
46.58	65.39	64.652	63.662	62.996	63.248	62.708	62.366	61.898
46.58	65.39	64.544	63.536	63.122	63.14	62.708	62.258	61.898
46.58	65.3	64.428	63.428	63.122	63.032	62.708	62.366	61.898
46.58	65.3	63.96	62.96	63.032	62.708	62.58	61.79	61.952
46.76	65.372	64.544	63.608	63.086	63.194	62.978	61.952	61.952
46.76	65.372	64.49	63.518	63.068	63.194	62.654	62.33	61.832
46.76	65.372	64.598	63.518	63.176	63.194	62.654	62.33	61.832
46.76	65.372	64.49	63.608	62.96	62.996	62.78	61.832	61.832
46.76	65.372	64.706	63.518	63.068	63.086	62.78	62.438	61.952
46.76	65.372	64.49	63.608	63.086	63.086	62.78	61.832	61.832
46.76	65.246	64.382	63.608	62.96	62.996	62.654	62.204	61.754
46.94	65.318	64.544	63.464	62.924	63.176	62.636	62.492	61.826
46.94	65.318	64.544	63.572	63.122	63.176	62.636	62.294	61.826
46.94	65.318	64.454	63.688	63.032	63.176	62.636	62.186	61.826
46.94	65.318	64.454	63.572	63.122	63.068	62.636	62.294	61.934
46.94	65.318	64.454	63.464	62.924	63.068	62.636	62.186	61.7
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
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46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
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46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
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46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068	62.636	62.186	61.826
46.94	65.318	64.454	63.356	62.924	63.068			

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[illegible]

[illegible]

288	2/18/2010 7:30:52 AM	42.548	42.44	42.088	41.918	41.792	42.008	41.864	41.864
287	2/18/2010 7:40:52 AM	42.458	42.332	41.882	41.918	41.702	42.008	41.864	41.864
286	2/18/2010 7:50:52 AM	42.17	42.026	41.792	41.918	41.702	42.008	41.864	41.864
285	2/18/2010 8:00:52 AM	42.26	42.088	41.882	41.918	41.702	42.008	41.864	41.864
284	2/18/2010 8:10:52 AM	42.35	42.116	41.994	42.088	41.792	42.008	41.864	41.864
283	2/18/2010 8:20:52 AM	42.44	42.16	42.088	42.088	41.882	42.008	41.864	41.864
282	2/18/2010 8:30:52 AM	42.53	42.26	42.16	42.088	41.994	42.008	41.864	41.864
281	2/18/2010 8:40:52 AM	42.62	42.35	42.26	42.16	42.088	42.008	41.864	41.864
280	2/18/2010 8:50:52 AM	42.71	42.44	42.35	42.26	42.16	42.088	41.864	41.864
279	2/18/2010 9:00:52 AM	42.80	42.53	42.44	42.35	42.26	42.16	42.088	41.864
278	2/18/2010 9:10:52 AM	42.89	42.62	42.53	42.44	42.35	42.26	42.16	42.088
277	2/18/2010 9:20:52 AM	42.98	42.71	42.62	42.53	42.44	42.35	42.26	42.16
276	2/18/2010 9:30:52 AM	43.07	42.80	42.71	42.62	42.53	42.44	42.35	42.26
275	2/18/2010 9:40:52 AM	43.16	42.89	42.80	42.71	42.62	42.53	42.44	42.35
274	2/18/2010 9:50:52 AM	43.25	42.98	42.89	42.80	42.71	42.62	42.53	42.44
273	2/18/2010 10:00:52 AM	43.34	43.07	42.98	42.89	42.80	42.71	42.62	42.53
272	2/18/2010 10:10:52 AM	43.43	43.16	43.07	42.98	42.89	42.80	42.71	42.62
271	2/18/2010 10:20:52 AM	43.52	43.25	43.16	43.07	42.98	42.89	42.80	42.71
270	2/18/2010 10:30:52 AM	43.61	43.34	43.25	43.16	43.07	42.98	42.89	42.80
269	2/18/2010 10:40:52 AM	43.70	43.43	43.34	43.25	43.16	43.07	42.98	42.89
268	2/18/2010 10:50:52 AM	43.79	43.52	43.43	43.34	43.25	43.16	43.07	42.98
267	2/18/2010 11:00:52 AM	43.88	43.61	43.52	43.43	43.34	43.25	43.16	43.07
266	2/18/2010 11:10:52 AM	43.97	43.70	43.61	43.52	43.43	43.34	43.25	43.16
265	2/18/2010 11:20:52 AM	44.06	43.79	43.70	43.61	43.52	43.43	43.34	43.25
264	2/18/2010 11:30:52 AM	44.15	43.88	43.79	43.70	43.61	43.52	43.43	43.34
263	2/18/2010 11:40:52 AM	44.24	43.97	43.88	43.79	43.70	43.61	43.52	43.43
262	2/18/2010 11:50:52 AM	44.33	44.06	44.06	43.88	43.79	43.70	43.61	43.52
261	2/18/2010 12:00:52 PM	44.42	44.15	44.06	43.97	43.88	43.79	43.70	43.61
260	2/18/2010 12:10:52 PM	44.51	44.24	44.15	44.06	43.97	43.88	43.79	43.70
259	2/18/2010 12:20:52 PM	44.60	44.33	44.24	44.15	44.06	43.97	43.88	43.79
258	2/18/2010 12:30:52 PM	44.69	44.42	44.33	44.24	44.15	44.06	43.97	43.88
257	2/18/2010 12:40:52 PM	44.78	44.51	44.42	44.33	44.24	44.15	44.06	43.97
256	2/18/2010 12:50:52 PM	44.87	44.60	44.51	44.42	44.33	44.24	44.15	44.06
255	2/18/2010 1:00:52 PM	44.96	44.69	44.60	44.51	44.42	44.33	44.24	44.15
254	2/18/2010 1:10:52 PM	45.05	44.78	44.69	44.60	44.51	44.42	44.33	44.24
253	2/18/2010 1:20:52 PM	45.14	44.87	44.78	44.69	44.60	44.51	44.42	44.33
252	2/18/2010 1:30:52 PM	45.23	44.96	44.87	44.78	44.69	44.60	44.51	44.42
251	2/18/2010 1:40:52 PM	45.32	45.05	44.96	44.87	44.78	44.69	44.60	44.51
250	2/18/2010 1:50:52 PM	45.41	45.14	45.05	44.96	44.87	44.78	44.69	44.60
249	2/18/2010 2:00:52 PM	45.50	45.23	45.14	45.05	44.96	44.87	44.78	44.69
248	2/18/2010 2:10:52 PM	45.59	45.32	45.23	45.14	45.05	44.96	44.87	44.78
247	2/18/2010 2:20:52 PM	45.68	45.41	45.32	45.23	45.14	45.05	44.96	44.87
246	2/18/2010 2:30:52 PM	45.77	45.50	45.41	45.32	45.23	45.14	45.05	44.96
245	2/18/2010 2:40:52 PM	45.86	45.59	45.50	45.41	45.32	45.23	45.14	45.05
244	2/18/2010 2:50:52 PM	45.95	45.68	45.59	45.50	45.41	45.32	45.23	45.14
243	2/18/2010 3:00:52 PM	46.04	45.77	45.68	45.59	45.50	45.41	45.32	45.23
242	2/18/2010 3:10:52 PM	46.13	45.86	45.77	45.68	45.59	45.50	45.41	45.32
241	2/18/2010 3:20:52 PM	46.22	45.95	45.86	45.77	45.68	45.59	45.50	45.41
240	2/18/2010 3:30:52 PM	46.31	46.04	45.95	45.86	45.77	45.68	45.59	45.50
239	2/18/2010 3:40:52 PM	46.40	46.13	46.04	45.95	45.86	45.77	45.68	45.59
238	2/18/2010 3:50:52 PM	46.49	46.22	46.13	46.04	45.95	45.86	45.77	45.68
237	2/18/2010 4:00:52 PM	46.58	46.31	46.22	46.13	46.04	45.95	45.86	45.77
236	2/18/2010 4:10:52 PM	46.67	46.40	46.31	46.22	46.13	46.04	45.95	45.86
235	2/18/2010 4:20:52 PM	46.76	46.49	46.40	46.31	46.22	46.13	46.04	45.95
234	2/18/2010 4:30:52 PM	46.85	46.58	46.49	46.40	46.31	46.22	46.13	46.04
233	2/18/2010 4:40:52 PM	46.94	46.67	46.58	46.49	46.40	46.31	46.22	46.13
232	2/18/2010 4:50:52 PM	47.03	46.76	46.67	46.58	46.49	46.40	46.31	46.22
231	2/18/2010 5:00:52 PM	47.12	46.85	46.76	46.67	46.58	46.49	46.40	46.31
230	2/18/2010 5:10:52 PM	47.21	46.94	46.85	46.76	46.67	46.58	46.49	46.40
229	2/18/2010 5:20:52 PM	47.30	47.03	46.94	46.85	46.76	46.67	46.58	46.49
228	2/18/2010 5:30:52 PM	47.39	47.12	47.03	46.94	46.85	46.76	46.67	46.58
227	2/18/2010 5:40:52 PM	47.48	47.21	47.12	47.03	46.94	46.85	46.76	46.67
226	2/18/2010 5:50:52 PM	47.57	47.30	47.21	47.12	47.03	46.94	46.85	46.76
225	2/18/2010 6:00:52 PM	47.66	47.39	47.30	47.21	47.12	47.03	46.94	46.85
224	2/18/2010 6:10:52 PM	47.75	47.48	47.39	47.30	47.21	47.12	47.03	46.94
223	2/18/2010 6:20:52 PM	47.84	47.57	47.48	47.39	47.30	47.21	47.12	47.03
222	2/18/2010 6:30:52 PM	47.93	47.66	47.57	47.48	47.39	47.30	47.21	47.12
221	2/18/2010 6:40:52 PM	48.02	47.75	47.66	47.57	47.48	47.39	47.30	47.21
220	2/18/2010 6:50:52 PM	48.11	47.84	47.75	47.66	47.57	47.48	47.39	47.30
219	2/18/2010 7:00:52 PM	48.20	47.93	47.84	47.75	47.66	47.57	47.48	47.39
218	2/18/2010 7:10:52 PM	48.29	48.02	47.93	47.84	47.75	47.66	47.57	47.48
217	2/18/2010 7:20:52 PM	48.38	48.11	48.02	47.93	47.84	47.75	47.66	47.57
216	2/18/2010 7:30:52 PM	48.47	48.20	48.11	48.02	47.93	47.84	47.75	47.66
215	2/18/2010 7:40:52 PM	48.56	48.29	48.20	48.11	48.02	47.93	47.84	47.75
214	2/18/2010 7:50:52 PM	48.65	48.38	48.29	48.20	48.11	48.02	47.93	47.84
213	2/18/2010 8:00:52 PM	48.74	48.47	48.38	48.29	48.20	48.11	48.02	47.93
212	2/18/2010 8:10:52 PM	48.83	48.56	48.47	48.38	48.29	48.20	48.11	48.02
211	2/18/2010 8:20:52 PM	48.92	48.65	48.56	48.47	48.38	48.29	48.20	48.11
210	2/18/2010 8:30:52 PM	49.01	48.74	48.65	48.56	48.47	48.38	48.29	48.20
209	2/18/2010 8:40:52 PM	49.10	48.83	48.74	48.65	48.56	48.47	48.38	48.29
208	2/18/2010 8:50:52 PM	49.19	48.92	48.83	48.74	48.65	48.56	48.47	48.38
207	2/18/2010 9:00:52 PM	49.28	49.01	48.92	48.83	48.74	48.65	48.56	48.47
206	2/18/2010 9:10:52 PM	49.37	49.10	49.01	48.92	48.83	48.74	48.65	48.56
205	2/18/2010 9:20:52 PM	49.46	49.19	49.10	49.01	48.92	48.83	48.74	48.65
204	2/18/2010 9:30:52 PM	49.55	49.28	49.19	49.10	49.01	48.92	48.83	48.74
203	2/18/2010 9:40:52 PM	49.64	49.37	49.28	49.19	49.10	49.01	48.92	48.83
202	2/18/2010 9:50:52 PM	49.73	49.46	49.37	49.28	49.19	49.10	49.01	48.92
201	2/18/2010 10:00:52 PM	49.82	49.55	49.46	49.37	49.28	49.19	49.10	49.01
200	2/18/2010 10:10:52 PM	49.91	49.64	49.55	49.46	49.37	49.28	49.19	49.10
199	2/18/2010 10:20:52 PM	50.00	49.73	49.64	49.55	49.46	49.37	49.28	49.19
198	2/18/2010 10:30:52 PM	50.09	49.82	49.73	49.64	49.55	49.46	49.37	49.28
197	2/18/2010 10:40:52 PM	50.18	49.91	49.82	49.73	49.64	49.55	49.46	49.37
196	2/18/2010 10:50:52 PM	50.27	50.00	49.91	49.82	49.73	49.64	49.55	49.46
195	2/18/2010 11:00:52 PM	50.36	50.09	50.00	49.91	49.82	49.73	49.64	49.55
194	2/18/2010 11:10:52 PM	50.45	50.18	50.09	50.00	49.91	49.82	49.73	49.64
193	2/18/2010 11:20:52 PM	50.54	50.27	50.18	50.09	50.00	49.91	49.82	49.73
192	2/18/2010 11:30:52 PM	50.63	50.36	50.27	50.18	50.09	50.00	49.91	49.82
191	2/18/2010 11:40:52 PM	50.72	50.45	50.36	50.27	50.18	50.09	50.00	49.91
190	2/18/2010 11:50:52 PM	50.81	50.54	50.45	50.36	50.27	50.18	50.09	50.00
189	2/18/2010 12:00:52 PM	50.90	50.63	50.54	50.45	50.36	50.27	50.18	50.09
188	2/18/2010 12:10:52 PM	50.99	50.72	50.63	50.54	50.45	50.36	50.27	50.18
187	2/18/2010 12:20:52 PM	51.08	50.81	50.72	50.63	50.54	50.45	50.36	50.27
186	2/18/2010 12:30:52 PM	51.17	50.90	50.81	50.72	50.63	50.54	50.45	50.36
185	2/18/2010 12:40:52 PM	51.26	51.08	50.99	50.90	50.81	50.72</		

385	2/19/2010 12:00:52 PM	46.76	43.76	43.7	43.592	43.592	43.484	43.286	43.168
386	2/19/2010 12:10:52 PM	46.76	43.286	43.7	43.592	43.592	43.61	44.258	53.168
387	2/19/2010 12:20:52 PM	46.58	43.196	43.628	43.61	43.52	43.628	44.078	52.988
388	2/19/2010 12:30:52 PM	46.58	43.196	43.628	43.61	43.52	43.628	44.078	52.988
389	2/19/2010 12:40:52 PM	46.4	43.34	43.106	43.322	43.25	43.16	43.898	52.808
390	2/19/2010 12:50:52 PM	46.76	43.484	43.592	43.592	43.79	43.61	44.258	52.982
391	2/19/2010 1:00:52 PM	46.76	43.484	43.7	43.592	43.61	43.394	44.132	52.952
392	2/19/2010 1:10:52 PM	46.76	43.484	43.61	43.592	43.61	43.394	44.132	52.952
393	2/19/2010 1:20:52 PM	46.58	43.304	43.52	43.592	43.412	43.304	44.078	52.88
394	2/19/2010 1:30:52 PM	46.4	43.358	43.34	43.322	43.25	43.16	43.898	52.808
395	2/19/2010 1:40:52 PM	46.4	43.358	43.34	43.322	43.25	43.16	43.898	52.808
396	2/19/2010 1:50:52 PM	46.4	43.25	43.232	43.232	43.43	43.34	43.898	53.24
397	2/19/2010 2:00:52 PM	46.4	43.25	43.232	43.232	43.25	43.34	43.898	53.24
398	2/19/2010 2:10:52 PM	46.4	43.25	43.232	43.232	43.25	43.34	43.898	53.24
399	2/19/2010 2:20:52 PM	46.4	43.25	43.232	43.232	43.25	43.34	43.898	53.24
400	2/19/2010 2:30:52 PM	46.22	43.07	43.268	43.268	43.142	43.268	44.096	53.06
401	2/19/2010 2:40:52 PM	46.22	43.178	43.394	43.394	43.16	43.25	44.15	53.294
402	2/19/2010 2:50:52 PM	46.22	43.178	43.394	43.394	43.16	43.25	44.15	53.294
403	2/19/2010 3:00:52 PM	46.04	43.088	43.322	43.322	43.088	43.304	43.916	53.188
404	2/19/2010 3:10:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
405	2/19/2010 3:20:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
406	2/19/2010 3:30:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
407	2/19/2010 3:40:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
408	2/19/2010 3:50:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
409	2/19/2010 4:00:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
410	2/19/2010 4:10:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
411	2/19/2010 4:20:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
412	2/19/2010 4:30:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
413	2/19/2010 4:40:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
414	2/19/2010 4:50:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.736	53.312
415	2/19/2010 5:00:52 PM	46.22	43.268	43.16	43.16	43.07	43.088	43.808	53.492
416	2/19/2010 5:10:52 PM	46.22	43.268	43.16	43.16	43.07	43.088	43.808	53.492
417	2/19/2010 5:20:52 PM	46.04	43.088	43.214	43.214	43.07	43.088	43.808	53.402
418	2/19/2010 5:30:52 PM	46.22	43.16	43.268	43.268	43.16	43.268	43.718	53.294
419	2/19/2010 5:40:52 PM	46.04	43.214	43.214	43.214	43.088	43.304	43.916	53.114
420	2/19/2010 5:50:52 PM	46.22	43.07	43.268	43.268	43.16	43.268	43.808	53.402
421	2/19/2010 6:00:52 PM	46.04	43.214	43.214	43.214	43.088	43.304	43.916	53.114
422	2/19/2010 6:10:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
423	2/19/2010 6:20:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
424	2/19/2010 6:30:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
425	2/19/2010 6:40:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
426	2/19/2010 6:50:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
427	2/19/2010 7:00:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
428	2/19/2010 7:10:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
429	2/19/2010 7:20:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
430	2/19/2010 7:30:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
431	2/19/2010 7:40:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
432	2/19/2010 7:50:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
433	2/19/2010 8:00:52 PM	46.04	43.088	43.214	43.214	43.088	43.304	43.916	53.114
434	2/19/2010 8:10:52 PM	46.22	43.178	43.268	43.268	43.16	43.268	43.718	53.294
435	2/19/2010 8:20:52 PM	46.22	43.178	43.268	43.268	43.16	43.268	43.718	53.294
436	2/19/2010 8:30:52 PM	46.4	43.34	43.34	43.34	43.25	43.34	43.898	53.402
437	2/19/2010 8:40:52 PM	46.22	43.502	43.502	43.502	43.412	43.502	43.916	53.402
438	2/19/2010 8:50:52 PM	46.22	43.502	43.502	43.502	43.412	43.502	43.916	53.402
439	2/19/2010 9:00:52 PM	46.58	43.754	43.628	43.628	43.43	43.538	44.15	53.492
440	2/19/2010 9:10:52 PM	46.58	43.754	43.628	43.628	43.43	43.538	44.15	53.492
441	2/19/2010 9:20:52 PM	46.4	43.79	43.898	43.898	43.772	43.916	44.258	53.458
442	2/19/2010 9:30:52 PM	46.4	43.79	43.898	43.898	43.772	43.916	44.258	53.458
443	2/19/2010 9:40:52 PM	46.4	43.79	43.898	43.898	43.772	43.916	44.258	53.458
444	2/19/2010 9:50:52 PM	46.4	43.79	43.898	43.898	43.772	43.916	44.258	53.458
445	2/19/2010 10:00:52 PM	46.4	44.24	44.438	44.528	44.33	44.24	44.34	53.562
446	2/19/2010 10:10:52 PM	46.4	44.24	44.438	44.528	44.33	44.24	44.34	53.562
447	2/19/2010 10:20:52 PM	46.4	44.24	44.438	44.528	44.33	44.24	44.34	53.562
448	2/19/2010 10:30:52 PM	46.4	44.24	44.438	44.528	44.33	44.24	44.34	53.562
449	2/19/2010 10:40:52 PM	46.4	44.24	44.438	44.528	44.33	44.24	44.34	53.562
450	2/19/2010 10:50:52 PM	46.4	44.24	44.438	44.528	44.33	44.24	44.34	53.562
451	2/19/2010 11:00:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
452	2/19/2010 11:10:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
453	2/19/2010 11:20:52 AM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
454	2/19/2010 11:30:52 AM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
455	2/19/2010 11:40:52 AM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
456	2/19/2010 11:50:52 AM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
457	2/19/2010 12:00:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
458	2/19/2010 12:10:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
459	2/19/2010 12:20:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
460	2/19/2010 12:30:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
461	2/19/2010 12:40:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
462	2/19/2010 12:50:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
463	2/19/2010 1:00:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
464	2/19/2010 1:10:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
465	2/19/2010 1:20:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
466	2/19/2010 1:30:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
467	2/19/2010 1:40:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
468	2/19/2010 1:50:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
469	2/19/2010 2:00:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
470	2/19/2010 2:10:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
471	2/19/2010 2:20:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
472	2/19/2010 2:30:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
473	2/19/2010 2:40:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
474	2/19/2010 2:50:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
475	2/19/2010 3:00:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
476	2/19/2010 3:10:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
477	2/19/2010 3:20:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
478	2/19/2010 3:30:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
479	2/19/2010 3:40:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
480	2/19/2010 3:50:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
481	2/19/2010 4:00:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
482	2/19/2010 4:10:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
483	2/19/2010 4:20:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474
484	2/19/2010 4:30:52 PM	46.76	44.708	44.69	45.032	45.122	45.032	45.68	53.474

583	2/2020/10 9:00:52 AM	43.808	44.042	44.258	44.222	44.474	44.384	47.75	54.68
582	2/2020/10 8:50:52 AM	43.808	44.024	44.268	44.248	44.366	44.384	46.868	54.68
581	2/2020/10 8:40:52 AM	43.79	44.078	44.278	44.078	44.33	44.33	46.85	54.842
580	2/2020/10 8:30:52 AM	43.61	43.808	43.808	43.808	44.042	44.042	46.336	54.68
579	2/2020/10 8:20:52 AM	43.718	43.934	43.934	44.15	44.15	44.15	46.07	54.788
578	2/2020/10 8:10:52 AM	43.574	43.574	43.664	43.664	44.006	43.916	46.4	54.32
577	2/2020/10 8:00:52 AM	43.61	43.592	43.662	43.662	43.934	44.06	46.662	54.032
576	2/2020/10 7:50:52 AM	43.556	43.754	43.638	43.736	44.078	43.988	46.96	53.664
575	2/2020/10 7:40:52 AM	43.736	43.718	43.916	43.916	44.15	44.294	44.882	53.834
574	2/2020/10 7:30:52 AM	43.034	43.448	43.448	43.772	43.7	43.934	43.934	53.564
573	2/2020/10 7:20:52 AM	43.466	43.682	43.682	43.682	44.132	44.042	44.348	53.672
572	2/2020/10 7:10:52 AM	43.466	43.466	43.556	43.772	43.79	43.934	44.222	53.788
571	2/2020/10 7:00:52 AM	43.286	43.286	43.502	43.502	43.61	44.168	44.168	53.618
570	2/2020/10 6:50:52 AM	43.25	43.466	43.556	43.448	43.7	43.484	43.888	53.906
669	2/2020/10 6:40:52 AM	43.25	43.358	43.358	43.574	43.574	43.484	44.114	53.786
668	2/2020/10 6:30:52 AM	43.25	43.466	43.358	43.322	43.574	43.484	43.898	53.672
667	2/2020/10 6:20:52 AM	43.034	43.232	43.134	43.232	43.358	43.25	43.79	53.672
666	2/2020/10 6:10:52 AM	43.232	43.412	43.304	43.412	43.754	43.43	43.62	53.664
665	2/2020/10 6:00:52 AM	43.268	43.502	43.358	43.358	43.718	44.042	44.042	53.834
664	2/2020/10 5:50:52 AM	43.268	43.268	43.358	43.718	43.718	44.042	43.916	53.708
663	2/2020/10 5:40:52 AM	43.394	43.394	43.358	43.358	43.61	43.61	44.042	53.6
662	2/2020/10 5:30:52 AM	43.268	43.502	43.358	43.592	43.61	43.61	43.916	53.708
661	2/2020/10 5:20:52 AM	43.268	43.394	43.358	43.484	43.718	43.61	43.916	53.834
660	2/2020/10 5:10:52 AM	43.502	43.502	43.592	43.592	43.718	44.042	44.042	53.78
659	2/2020/10 5:00:52 AM	43.448	43.448	43.448	43.682	43.682	43.682	44.222	53.78
658	2/2020/10 4:50:52 AM	43.358	43.682	43.448	43.538	43.898	43.592	44.222	53.78
657	2/2020/10 4:40:52 AM	43.448	43.574	43.538	43.664	43.79	43.79	44.096	53.672
656	2/2020/10 4:30:52 AM	43.358	43.448	43.448	43.682	43.682	43.682	44.33	53.888
655	2/2020/10 4:20:52 AM	43.448	43.574	43.448	43.772	43.888	43.682	44.33	53.834
654	2/2020/10 4:10:52 AM	43.268	43.502	43.358	43.484	43.826	43.61	44.15	53.834
653	2/2020/10 4:00:52 AM	43.394	43.718	43.358	43.682	43.718	43.736	44.258	53.834
652	2/2020/10 3:50:52 AM	43.502	43.718	43.592	43.682	43.934	43.844	44.348	53.708
651	2/2020/10 3:40:52 AM	43.61	43.592	43.592	43.826	43.826	44.348	44.348	54.014
650	2/2020/10 3:30:52 AM	43.682	43.772	43.772	43.862	44.006			

47.84	44.366	45.014	45.104	44.978	49.849	66.542	66.234	67.352
47.84	44.456	44.78	44.78	44.978	48.74	66.308	68.234	67.244
48.02	44.398	45.068	45.068	45.05	48.92	66.254	68.18	67.208
48.02	44.546	45.068	45.068	45.158	48.794	66.164	68.072	67.298
48.02	44.546	45.068	45.068	45.158	48.794	65.84	67.982	67.1
48.02	44.636	45.068	45.068	45.158	48.794	65.624	68.072	67.1
48.02	44.636	45.194	45.068	45.158	48.794	65.408	67.748	66.992
48.02	44.636	45.194	45.068	45.284	48.794	64.67	67.532	66.758
48.2	44.546	45.14	45.14	48.884	48.884	64.418	68.484	66.484
48.2	44.618	45.248	45.032	45.338	48.776	63.988	67.388	66.614
48.2	44.726	45.14	45.032	45.23	48.668	63.988	67.28	66.416
48.2	44.618	45.14	45.14	45.122	48.884	63.554	66.956	66.308
48.38	44.908	45.428	45.32	45.41	48.848	63.5	67.136	66.164
48.38	44.908	45.554	45.302	45.302	48.848	63.302	68.612	66.164
48.56	44.776	45.608	45.5	45.482	49.136	63.14	68.776	66.002
48.56	44.978	45.5	45.608	45.658	49.028	63.05	66.452	66.002
48.56	44.908	45.662	45.518	45.644	48.848	62.528	66.164	65.516
48.2	44.924	45.572	45.572	45.788	48.974	62.474	66.786	65.336
48.38	44.996	45.554	45.752	45.752	49.064	62.33	66.534	65.192
48.56	45.088	45.608	45.824	45.932	49.028	62.168	65.264	65.03
48.38	45.104	45.662	45.518	45.968	49.154	61.79	64.76	64.76
48.2	45.248	45.914	45.896	46.022	49.1	61.61	64.598	64.598
48.38	45.428	45.662	45.878	45.968	49.154	61.682	64.54	64.436
48.2	45.374	46.022	46.022	45.968	49.424	61.304	64.04	64.04
48.2	45.482	45.806	45.788	46.454	49.334	61.178	63.626	63.824
48.38	45.662	45.878	46.076	46.282	49.604	61.016	63.698	63.878
48.38	45.77	45.968	46.076	46.508	49.388	60.818	63.374	63.464
48.38	45.77	46.094	46.202	46.508	49.154	60.584	63.05	63.248
48.56	46.076	46.166	46.382	46.688	49.334	60.566	63.122	63.32
48.56	46.382	46.166	46.382	46.58	49.334	60.242	62.996	63.212
48.56	46.382	46.382	46.382	46.58	49.244	60.026	62.492	62.888
48.74	46.256	46.562	46.562	46.76	49.208	59.99	62.546	62.834
48.92	46.31	46.634	46.85	46.94	49.388	59.72	62.384	62.708
48.92	46.436	46.85	46.85	47.048	49.694	59.522	62.078	62.276
49.1	46.49	46.706	46.922	47.354	50.108	59.576	61.934	62.33
49.1	46.706	46.922	47.228	47.552	50.216	59.162	61.61	62.132
49.28	46.994	47.102	47.408	47.624	50.396	59.126	61.682	61.97
49.28	46.886	47.21	47.534	47.858	50.72	58.91	61.25	61.772
49.46	46.85	47.066	47.282	47.714	50.666	58.532	60.998	61.628
49.64	46.922	47.138	47.336	47.66	50.446	58.514	61.178	61.574
49.46	46.976	47.282	47.498	47.912	50.9	58.334	60.89	61.286
49.28	47.12	47.12	47.534	48.092	51.026	58.37	60.818	61.34
49.28	46.76	47.192	47.408	47.93	50.9	58.118	60.666	61.106
49.92	47.084	47.408	47.606	48.254	51.116	58.01	60.76	60.98
48.74	46.904	47.552	47.552	47.858	50.846	60.17	60.17	60.926
48.74	47.12	47.444	47.552	47.984	51.044	60.772	60.494	60.494
48.56	46.94	47.264	47.372	47.804	50.756	57.344	59.774	60.206
48.74	47.12	47.336	47.552	47.984	51.152	57.398	59.64	60.278
48.74	47.12	47.444	47.552	47.984	51.278	57.092	59.222	60.044
48.74	47.12	47.228	47.552	47.858	51.368	57.2	59.414	59.846
48.92	47.3	47.408	47.732	48.038	51.116	57.146	59.504	59.9
48.92	47.408	47.606	47.93	48.224	51.224	57.146	59.27	59.702
48.92	47.084	47.282	47.498	47.822	51.224	56.732	58.964	59.36
49.1	47.138	47.372	47.786	48.048	50.648	56.894	58.91	59.45
49.28	47.12	47.21	47.408	47.858	50.828	56.858	58.874	59.288
49.1	47.048	47.264	47.62	47.678	50	56.678	58.712	59
48.74	47.12	47.228	47.426	47.75	50.414	56.66	58.55	58.982
48.74	47.072	47.336	47.318	47.858	50.414	56.552	58.46	58.874
48.74	47.012	47.264	47.266	47.858	50.306	56.318	58.244	57.66
48.92	46.958	47.084	47.408	47.732	50.144	56.174	58.298	56.514
48.92	46.958	47.084	47.408	47.732	50.252	56.408	58.1	56.514
48.92	47.084	47.282	47.498	47.732	50.252	56.408	57.992	58.19
48.92	47.084	47.192	47.498	47.732	50.144	55.976	57.866	58.082
48.92	46.886	46.958	47.174	47.732	49.928	56.066	57.758	57.956
48.56	46.724	46.922	47.462	47.462	50.018	56.048	57.74	57.956
48.74	46.904	47.228	47.552	47.552	50.414	56.012	57.704	57.704
48.92	46.958	47.282	47.498	47.498	50.36	55.76	57.756	57.758
49.1	46.94	47.138	47.354	47.678	50.648	55.922	57.74	57.506
48.92	46.958	47.048	47.372	47.678	50.054	56.76	57.56	57.11
48.92	46.76	46.742	46.958	47.372	49.064	55.634	57.56	57.218
48.56	46.4	46.4	46.814	47.246	47.264	55.4	57.092	57.092
48.56	46.274	46.724	46.814	47.246	47.156	55.4	57.524	57.092
48.2	46.58	46.688	47.012	47.012	47.12	55.274	56.624	56.624
48.2	46.58	46.786	47.012	47.21	47.354	55.364	56.408	56.408
48.38	46.544	46.742	46.958	47.39	47.3	55.454	57.452	56.462
48.56	46.724	46.724	46.724	47.39	47.39	54.968	57.524	56.444
48.56	46.4	46.382	46.922	47.138	47.046	54.636	57.2	56.12
48.56	46.508	46.724	46.922	47.138	47.156	53.348	57.416	56.012
48.74	46.574	46.94	46.994	47.102	47.102	53.438	57.38	56.066
48.56	46.4	46.4	46.922	47.138	47.048	52.826	57.524	56.778
48.74	46.454	46.562	46.78	47.192	47.228	53.006	57.578	55.526
48.38	46.418	46.544	46.868	47.066	46.976	49.064	57.344	55.4
48.56	46.4	46.724	46.922	47.372	47.264	48.488	57.632	55.364
48.2	46.238	46.562	46.778	47.102	46.904	47.488	57.488	55.004
48.02	46.184	46.382	46.94	47.03	47.174	47.84	57.542	54.716
48.02	46.292	46.724	46.94	47.282	47.282	46.272	57.65	54.518
48.02	46.4	46.724	46.94	47.264	46.506	48.506	57.848	54.392
48.02	46.382	46.832	47.138	46.94	48.164	48.164	57.758	54.086
47.84	46.004	46.418	46.868	46.868	46.868	48.794	57.894	53.906
47.66	45.698	46.022	46.346	46.904	46.814	58.046	57.354	53.726
47.48	45.518	46.184	46.4	46.508	46.508	58.976	58.882	53.33
47.12	45.068	45.482	45.806	46.238	45.824	46.616	58.046	52.97
46.94	44.978	45.428	45.626	46.058	45.86	46.094	57.326	52.916
46.94	44.978	45.518	46.184	46.058	45.86	52.202	53.66	52.7
46.76	45.248	45.032	45.572	45.878	45.788	46.256	53.294	53.276
46.76	44.798	45.248	45.662	45.464	45.464	53.824	53.078	53.168
46.76	44.276	44.69	44.888	44.924	44.924	45.464	52.106	55.526
46.76	44.042	44.474	44.69	44.6	44.6	51.242	51.242	55.112
46.76	43.934	44.132	44.348	44.15	44.15	44.942	49.986	54.986

782	22/12/2010 6:10:52 PM	47.888	48.308	48.506	48.938	51.566	64.549	71.168	70.106
781	22/12/2010 6:00:52 PM	48.082	48.308	48.506	48.83	51.478	64.598	71.168	70.106
780	22/12/2010 5:50:52 PM	48.82	48.308	48.506	48.83	51.35	64.598	71.168	70.106
779	22/12/2010 5:40:52 PM	48.82	47.984	48.308	48.83	51.35	64.49	71.168	69.89
778	22/12/2010 5:30:52 PM	48.82	47.984	48.308	48.83	51.35	64.49	70.97	69.89
777	22/12/2010 5:20:52 PM	48.82	47.984	48.308	48.83	51.478	64.49	71.15	69.98
776	22/12/2010 5:10:52 PM	50	47.84	48.164	48.902	51.728	64.544	70.808	69.746
775	22/12/2010 5:00:52 PM	50	47.93	48.254	48.524	51.314	64.346	70.886	69.926
774	22/12/2010 4:50:52 PM	50.18	47.786	48.002	48.524	51.368	64.634	70.886	69.818
773	22/12/2010 4:40:52 PM	50.18	47.686	48.002	48.524	51.278	64.724	70.886	69.728
772	22/12/2010 4:30:52 PM	50.18	47.912	48.236	48.758	51.908	64.526	70.79	69.818
771	22/12/2010 4:20:52 PM	50.18	47.786	48.434	48.758	51.368	64.526	70.898	69.746
770	22/12/2010 4:10:52 PM	50	47.59	48.254	48.686	51.422	64.454	70.808	69.692
769	22/12/2010 4:00:52 PM	48.82	47.594	48.308	48.722	51.134	64.598	70.97	69.692
768	22/12/2010 3:50:52 PM	48.82	47.786	48.002	48.632	51.998	64.706	70.97	69.8
767	22/12/2010 3:40:52 PM	48.82	47.66	48.308	48.722	51.35	64.796	70.97	69.8
766	22/12/2010 3:30:52 PM	48.64	47.588	48.326	48.542	51.494	64.958	70.916	69.71
765	22/12/2010 3:20:52 PM	48.46	47.498	48.056	48.47	51.548	64.778	70.934	69.764
764	22/12/2010 3:10:52 PM	48.28	47.66	48.092	48.524	51.388	64.706	70.88	69.692
763	22/12/2010 3:00:52 PM	48.28	47.786	48.002	48.524	51.566	64.922	70.988	69.908
762	22/12/2010 2:50:52 PM	48.28	47.66	48.772	48.722	51.456	64.922	70.988	69.692
761	22/12/2010 2:40:52 PM	48.28	47.552	47.962	48.938	51.892	64.922	70.88	69.584
760	22/12/2010 2:30:52 PM	48.28	47.444	48.092	48.938	50.828	64.922	70.88	69.584
759	22/12/2010 2:20:52 PM	48.28	47.66	48.2	48.524	51.456	65.03	70.88	69.584
758	22/12/2010 2:10:52 PM	48.28	47.552	48.092	48.524	51.892	64.922	70.772	69.584
757	22/12/2010 2:00:52 PM	48.28	47.444	48.092	48.938	51.26	65.03	70.772	69.476
756	22/12/2010 1:50:52 PM	48.28	47.318	47.842	48.524	51.456	64.814	70.646	69.476
755	22/12/2010 1:40:52 PM	48.28	47.66	47.858	48.398	51.458	65.03	70.772	69.476
754	22/12/2010 1:30:52 PM	48.46	47.732	47.948	48.47	51.638	64.994	70.628	69.548
753	22/12/2010 1:20:52 PM	48.28	47.66	48.2	48.398	51.566	64.922	70.772	69.584
752	22/12/2010 1:10:52 PM	48.92	47.084	48.038	48.362	51.332	64.994	70.52	69.548
751	22/12/2010 1:00:52 PM	48.92	47.3	47.93	48.362	51.44	65.228	70.646	69.656
750	22/12/2010 12:50:52 PM	48.92	47.192	47.732	48.524	51.53	65.12	70.336	69.548
749	22/12/2010 12:40:52 PM	48.74	47.012	47.75	48.308	51.368	65.138</		

783	2/21/2010 6:20:52 PM	48.82	47.984	48.416	48.506	48.938	51.782	64.598	64.598	70.214
784	2/21/2010 6:30:52 PM	49.82	48.032	48.308	48.506	48.938	51.782	64.49	64.49	70.214
785	2/21/2010 6:40:52 PM	49.82	48.032	48.308	48.506	48.938	51.782	64.364	64.364	70.214
786	2/21/2010 6:50:52 PM	49.82	48.032	48.308	48.506	48.938	51.782	64.274	64.274	70.214
787	2/21/2010 7:00:52 PM	50	47.84	48.038	48.578	49.118	51.854	64.112	64.112	70.178
788	2/21/2010 7:10:52 PM	50.18	47.786	48.11	48.542	48.992	51.494	64.184	64.184	70.142
789	2/21/2010 7:20:52 PM	50.54	47.948	48.164	48.688	49.302	51.638	64.112	64.112	70.178
790	2/21/2010 7:30:52 PM	50.72	48.02	48.02	48.542	48.992	51.908	64.094	64.094	70.268
791	2/21/2010 7:40:52 PM	50.72	47.912	48.11	48.542	48.992	51.71	64.202	64.202	70.34
792	2/21/2010 7:50:52 PM	50.54	47.84	48.038	48.578	49.118	51.854	64.022	64.022	70.178
793	2/21/2010 8:00:52 PM	50.36	47.876	48.164	48.614	48.938	51.908	64.166	64.166	70.322
794	2/21/2010 8:10:52 PM	50.18	47.912	48.11	48.542	48.992	51.71	64.094	64.094	70.232
795	2/21/2010 8:20:52 PM	50.18	47.912	48.11	48.542	48.992	51.71	64.094	64.094	70.232
796	2/21/2010 8:30:52 PM	50.36	47.966	48.164	48.614	48.938	51.908	64.058	64.058	70.412
797	2/21/2010 8:40:52 PM	50.18	47.896	48.11	48.542	48.992	51.494	64.058	64.058	70.368
798	2/21/2010 8:50:52 PM	50.18	47.786	48.11	48.542	48.992	51.494	63.986	63.986	70.232
799	2/21/2010 9:00:52 PM	50.36	47.966	48.164	48.614	48.938	51.908	63.986	63.986	70.232
800	2/21/2010 9:10:52 PM	50.36	47.876	48.164	48.614	48.938	51.908	63.842	63.842	70.214
801	2/21/2010 9:20:52 PM	50.36	47.876	48.164	48.614	48.938	51.908	63.932	63.932	70.214
802	2/21/2010 9:30:52 PM	50.36	47.786	48.11	48.542	48.992	51.908	63.932	63.932	70.214
803	2/21/2010 9:40:52 PM	50.36	47.966	48.164	48.614	48.938	51.908	63.878	63.878	70.368
804	2/21/2010 9:50:52 PM	50	47.948	48.164	48.614	48.938	51.854	63.806	63.806	70.502
810	2/21/2010 10:50:52 PM	49.82	47.66	48.038	48.396	48.83	51.566	63.734	63.734	70.538
811	2/21/2010 11:00:52 PM	49.64	47.678	48.002	48.56	48.894	51.602	63.77	63.77	70.574
812	2/21/2010 11:10:52 PM	49.64	47.3	47.39	47.714	48.146	50.666	63.688	63.688	70.304
813	2/21/2010 11:20:52 PM	49.46	47.066	47.39	47.498	48.038	50.342	63.824	63.824	70.502
814	2/21/2010 11:30:52 PM	49.46	47.174	47.282	47.804	48.146	50.468	63.698	63.698	70.61
815	2/21/2010 11:40:52 PM	49.46	47.174	47.282	47.804	48.146	50.468	63.824	63.824	70.61
816	2/21/2010 11:50:52 PM	49.46	47.282	47.39	47.804	48.146	50.342	63.824	63.824	70.61
817	2/21/2010 12:00:52 PM	49.28	47.96	48.038	48.396	48.83	51.566	63.824	63.824	70.646
818	2/21/2010 12:10:52 PM	49.28	47.102	47.318	47.102	47.318	50.288	63.752	63.752	70.646
819	2/21/2010 12:20:52 PM	49.28	47.102	47.318	47.318	47.318	50.288	63.752	63.752	70.646
820	2/21/2010 12:30:52 PM	49.28	47.102	47.318	47.318	47.318	50.288	63.752	63.752	70.646
821	2/21/2010 12:40:52 PM	49.28	47.102	47.318	47.318	47.318	50.288	63.752	63.752	70.646
822	2/21/2010 12:50:52 PM	49.1	47.49	47.49	47.552	47.552	50.288	63.95	63.95	70.438
823	2/21/2010 1:00:52 PM	49.1	47.382	47.03	47.03	47.382	50.108	63.662	63.662	70.574
824	2/21/2010 1:10:52 PM	49.1	47.382	47.03	47.03	47.382	50.108	63.662	63.662	70.574
825	2/21/2010 1:20:52 PM	49.1	47.382	47.03	47.03	47.382	50.108	63.662	63.662	70.574
826	2/21/2010 1:30:52 PM	49.1	47.382	47.03	47.03	47.382	50.108	63.662	63.662	70.682
827	2/21/2010 1:40:52 PM	49.1	47.382	47.03	47.03	47.382	50.108	63.662	63.662	70.682
828	2/21/2010 1:50:52 PM	48.92	47.202	46.534	46.534	47.264	50.144	63.482	63.482	70.502
829	2/21/2010 2:00:52 PM	48.92	47.156	46.526	46.526	47.048	50.144	63.482	63.482	70.61
830	2/21/2010 2:10:52 PM	48.92	46.31	46.42	46.85	47.264	50.144	63.482	63.482	70.61
831	2/21/2010 2:20:52 PM	48.92	46.202	46.958	47.048	47.498	50.144	63.608	63.608	70.736
832	2/21/2010 2:30:52 PM	48.92	46.202	46.958	47.048	47.498	50.144	63.716	63.716	70.736
833	2/21/2010 2:40:52 PM	48.92	46.436	46.958	47.048	47.606	50.252	63.482	63.482	70.844
834	2/21/2010 2:50:52 PM	48.92	46.85	47.32	47.32	47.32	50.468	63.392	63.392	70.502
835	2/21/2010 3:00:52 PM	48.92	47.408	48.254	48.254	48.254	50.9	63.482	63.482	70.61
836	2/21/2010 3:10:52 PM	48.74	47.552	48.416	48.416	48.416	51.278	63.32	63.32	70.664
837	2/21/2010 3:20:52 PM	48.74	47.768	48.092	48.092	48.092	51.278	63.536	63.536	70.754
838	2/21/2010 3:30:52 PM	48.74	47.768	48.092	48.092	48.092	51.368	63.428	63.428	70.754
839	2/21/2010 3:40:52 PM	48.56	47.804	48.128	48.128	48.128	51.296	63.356	63.356	70.7
840	2/21/2010 3:50:52 PM	48.56	47.804	48.128	48.128	48.128	51.296	63.356	63.356	70.7
841	2/21/2010 4:00:52 PM	48.56	47.912	48.128	48.128	48.128	51.638	63.482	63.482	70.808
842	2/21/2010 4:10:52 PM	48.56	47.714	48.038	48.038	48.038	51.404	63.248	63.248	70.808
843	2/21/2010 4:20:52 PM	48.56	47.498	48.038	48.038	48.038	51.638	63.572	63.572	70.808
844	2/21/2010 4:30:52 PM	48.38	47.318	48.056	48.164	48.164	51.638	63.572	63.572	70.808
845	2/21/2010 4:40:52 PM	48.38	47.408	48.056	48.164	48.164	51.638	63.392	63.392	70.736
846	2/21/2010 4:50:52 PM	48.56	47.588	48.038	48.164	48.164	51.638	63.482	63.482	70.808
847	2/21/2010 5:00:52 PM	48.56	47.588	48.038	48.164	48.164	51.638	63.482	63.482	70.808
848	2/21/2010 5:10:52 PM	48.56	47.498	48.038	48.164	48.164	51.638	63.482	63.482	70.808
849	2/21/2010 5:20:52 PM	48.56	47.39	47.912	48.236	48.236	51.638	63.248	63.248	70.808
850	2/21/2010 5:30:52 PM	48.74	47.894	48.164	48.236	48.236	51.638	63.248	63.248	70.808
851	2/21/2010 5:40:52 PM	48.74	47.894	48.164	48.236	48.236	51.638	63.248	63.248	70.808
852	2/21/2010 5:50:52 PM	48.56	47.588	48.038	48.164	48.164	51.638	63.356	63.356	70.754
853	2/21/2010 6:00:52 PM	48.56	47.714	48.128	48.128	48.128	51.638	63.14	63.14	70.754
854	2/21/2010 6:10:52 PM	48.74	47.678	48.038	48.164	48.164	51.638	63.32	63.32	70.7
855	2/21/2010 6:20:52 PM	48.56	47.588	48.038	48.164	48.164	51.638	63.248	63.248	70.7
856	2/21/2010 6:30:52 PM	48.74	47.668	48.038	48.164	48.164	51.638	63.428	63.428	70.97
857	2/21/2010 6:40:52 PM	48.74	47.668	48.038	48.164	48.164	51.638	63.32	63.32	70.97
858	2/21/2010 6:50:52 PM	48.74	47.894	48.164	48.236	48.236	51.908	63.32	63.32	70.882
859	2/21/2010 7:00:52 PM	48.92	47.948	48.038	48.164	48.164	51.908	63.392	63.392	71.042
860	2/21/2010 7:10:52 PM	48.92	47.856	48.038	48.164	48.164	51.872	63.392	63.392	70.934
861	2/21/2010 7:20:52 PM	49.1	47.804	48.254	48.254	48.254	52.052	63.23	63.23	71.006
862	2/21/2010 7:30:52 PM	49.28	48.11	48.524	48.524	48.524	52.232	63.41	63.41	71.078
863	2/21/2010 7:40:52 PM	49.28	47.876	48.038	48.164	48.164	52.232	63.302	63.302	70.97
864	2/21/2010 7:50:52 PM	49.46	47.84	48.164	48.236	48.236	51.98	63.284	63.284	71.024
865	2/21/2010 8:00:52 PM	49.46	47.84	48.164	48.236	48.236	51.98	63.158	63.158	70.856
866	2/21/2010 8:10:52 PM	49.64	47.912	48.236	48.236	48.236	51.926	63.14	63.14	70.772
867	2/21/2010 8:20:52 PM	49.82	48.2	48.524	48.524	48.524	52.214	63.086	63.086	70.844
868	2/21/2010 8:30:52 PM	50	48.38	48.704	48.704	48.704	52.394	63.158	63.158	70.934
869	2/21/2010 8:40:52 PM	50	48.38	48.704	48.704	48.704	52.394	62.942	62.942	70.7
870	2/21/2010 8:50:52 PM	50.18	48.432	48.668	48.668	48.668	52.25	63.122	63.122	70.772
871	2/21/2010 9:00:52 PM	50	48.38	48.596	48.596	48.596	52.16	63.068	63.068	70.7
872	2/21/2010 9:10:52 PM	50	48.38	48.596	48.596	48.596	52.286	63.068	63.068	70.934
873	2/21/2010 9:20:52 PM	50	48.38	48.596	48.596	48.596	52.996	63.302	63.302	70.7
874	2/21/2010 9:30:52 PM	50.36	48.416	48.65	48.65	48.65	54.572	63.086	63.086	70.962
875	2/21/2010 9:40:52 PM	50.36	48.416	48.65	48.65	48.65	54.572	63.086	63.086	70.882
876	2/21/2010 9:50:52 PM	50.36	48.524	48.83	48.83	48.83	54.356	62.87	62.87	70.754
877	2/21/2010 10:00:52 PM	50.54	48.506	48.928	48.928	48.928	54.338	62.942	62.942	70.042
878	2/21/2010 10:10:52 PM	50.9	48.326	48.956	48.956	48.956	54.464	62.87	62.87	71.06
879	2/21/2010 10:20:52 PM	51.08	48.506	49.028	49.02					

883	2/22/2010 11:00:52 AM	51.26	49.874	50.09	51.17	50.846	59.846	60.332	60.782	63.05	71.474	71.114	70.682
884	2/22/2010 11:10:52 AM	51.62	50.252	50.666	51.098	50.738	59.342	60.53	60.782	63.05	71.474	71.114	70.682
885	2/22/2010 11:30:52 AM	51.26	49.766	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
886	2/22/2010 11:30:52 AM	51.26	49.766	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
887	2/22/2010 11:40:52 AM	51.26	49.676	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
888	2/22/2010 11:50:52 AM	51.08	49.876	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
889	2/22/2010 12:00:52 PM	51.08	49.876	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
890	2/22/2010 12:10:52 PM	51.26	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	
891	2/22/2010 12:20:52 PM	51.26	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	
892	2/22/2010 12:30:52 PM	51.26	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	
893	2/22/2010 12:40:52 PM	51.26	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	50.306	
894	2/22/2010 12:50:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
904	2/22/2010 2:30:52 PM	51.08	49.684	50.058	50.558	62.474	61.322	63.374	63.564	71.006	71.006	70.88	
905	2/22/2010 2:40:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
906	2/22/2010 2:50:52 PM	51.26	49.334	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
907	2/22/2010 3:00:52 PM	51.26	49.686	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
908	2/22/2010 3:10:52 PM	51.26	49.334	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
909	2/22/2010 3:20:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
910	2/22/2010 3:30:52 PM	51.44	49.514	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
911	2/22/2010 3:40:52 PM	51.44	49.514	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
912	2/22/2010 3:50:52 PM	51.44	49.406	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
913	2/22/2010 4:00:52 PM	51.44	49.298	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
914	2/22/2010 4:10:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
915	2/22/2010 4:20:52 PM	51.26	49.568	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
916	2/22/2010 4:30:52 PM	51.26	49.334	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
917	2/22/2010 4:40:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
918	2/22/2010 4:50:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
919	2/22/2010 5:00:52 PM	51.26	49.568	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
920	2/22/2010 5:10:52 PM	51.26	49.766	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
921	2/22/2010 5:20:52 PM	51.26	49.568	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
922	2/22/2010 5:30:52 PM	51.26	49.686	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
923	2/22/2010 5:40:52 PM	51.26	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
924	2/22/2010 5:50:52 PM	51.26	49.244	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
925	2/22/2010 6:00:52 PM	51.44	49.406	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
926	2/22/2010 6:10:52 PM	51.44	49.514	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
927	2/22/2010 6:20:52 PM	51.62	49.604	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
931	2/22/2010 7:00:52 PM	51.62	49.684	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	50.018	
932	2/22/2010 7:10:52 PM	51.8	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
933	2/22/2010 7:20:52 PM	51.8	49.568	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
934	2/22/2010 7:30:52 PM	51.8	49.352	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
935	2/22/2010 7:40:52 PM	51.8	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
936	2/22/2010 7:50:52 PM	51.8	49.568	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
937	2/22/2010 8:00:52 PM	51.98	49.424	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
938	2/22/2010 8:10:52 PM	51.8	49.442	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
939	2/22/2010 8:20:52 PM	51.8	49.676	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
940	2/22/2010 8:30:52 PM	51.8	49.874	50.09	50.222	59.342	60.53	60.782	63.05	71.474	71.114	70.682	
941	2/22/2010 8:40:52 PM	51.8	49.784	50.198	51.366	61.814	66.56	64.968	64.968	70.7	70.7	70.7	
942	2/22/2010 8:50:52 PM	51.62	49.604	51.098	51.098	64.704	66.704	64.968	64.968	70.412	70.412	70.412	
943	2/22/2010 9:00:52 PM	51.62	49.604	51.098	51.098	64.704	66.704	64.968	64.968	70.412	70.412	70.412	
944	2/22/2010 9:10:52 PM	51.8	49.874	50.108	51.366	66.246	67.406	65.066	65.066	70.7	70.7	70.7	
945	2/22/2010 9:20:52 PM	51.62	49.604	51.098	51.098	66.102	67.668	65.102	65.102	70.412	70.412	70.412	
946	2/22/2010 9:30:52 PM	51.62	49.604	51.098	51.098	66.102	67.668	65.102	65.102	70.412	70.412	70.412	
947	2/22/2010 9:40:52 PM	51.8	49.874	50.198	51.366	66.246	67.406	65.066	65.066	70.7	70.7	70.7	
948	2/22/2010 9:50:52 PM	51.62	49.874	50.198	51.366	66.246	67.406	65.066	65.066	70.7	70.7	70.7	
949	2/22/2010 10:00:52 PM	51.8	50.108	50.738	51.908	66.092	68.486	66.282	66.282	70.592	70.592	70.592	
950	2/22/2010 10:10:52 PM	51.8	50.108	50.738	51.908	66.282	68.486	66.282	66.282	70.592	70.592	70.592	
951	2/22/2010 10:20:52 PM	51.8	50.108	50.738	51.908	66.282	68.486	66.282	66.282	70.592	70.592	70.592	
952	2/22/2010 10:30:52 PM	51.8	50.108	50.738	51.908	66.282	68.486	66.282	66.282	70.592	70.592	70.592	
953	2/22/2010 10:40:52 PM	52.16	50.234	50.9	50.9	66.462	68.846	66.462	66.462	70.52	70.52	70.52	
954	2/22/2010 10:50:52 PM	52.34	50.324	50.738	52.142	67.19	68.9	66.714	66.714	70.484	70.484	70.484	
955	2/22/2010 11:00:52 PM	52.34	50.324	50.738	52.142	67.19	68.9	66.714	66.714	70.484	70.484	70.484	
956	2/22/2010 11:10:52 PM	52.34	50.324	50.738	52.142	67.19	68.9	66.714	66.714	70.484	70.484	70.484	
957	2/22/2010 11:20:52 PM	51.98	49.566	50.378	51.656	67.676	69.296	66.606	66.606	70.448	70.448	70.448	
958	2/22/2010 11:30:52 PM	51.8	50	50.432	51.908	67.82	69.332	66.606	66.606	70.448	70.448	70.448	
959	2/22/2010 11:40:52 PM	51.62	50.252	50.558	52.052	68.09	69.476	66.856	66.856	70.412	70.412	70.412	
960	2/22/2010 11:50:52 PM	51.44	50.072	50.888	52.088	68	69.512	66.894	66.894	70.34	70.34	70.34	
961	2/22/2010 12:00:52 PM	51.26	50.216	50.522	52.142	68.144	69.548	66.038	66.038	70.376	70.376	70.376	
962	2/22/2010 12:10:52 PM	51.26	50.306	50.738	52.332	68.36	69.746	66.236	66.236	70.484	70.484	70.484	
963	2/22/2010 12:20:52 PM	51.26	50.306	50.738	52.332	68.36	69.746	66.236	66.236	70.484	70.484	70.484	
964	2/22/2010 12:30:52 PM	51.26	50.306	50.738	52.332	68.36	69.746	66.236	66.236	70.484	70.484	70.484	
965	2/22/2010 12:40:52 PM	51.08	50.666	50.252	52.16	68.288	69.674	66.164	66.164	70.304	70.304	70.304	
966	2/22/2010 12:50:52 PM	51.08	50.666	50.252	52.16	68.288	69.674	66.164	66.164	70.304	70.304	70.304	
967	2/22/2010 1:00:52 PM	51.08	50.666	50.252	52.16	68.288	69.674	66.164	66.164	70.304	70.304	70.304	
968	2/22/2010 1:10:52 PM	51.08	50.666	50.252	52.16	68.288	69.674	66.164	66.164	70.304	70.304	70.304	
969	2/22/2010 1:20:52 PM	51.08	49.82	50.126	51.62	68.396	69.8	66.164	66.164	70.304	70.304	70.304	
970	2/22/2010 1:30:52 PM	51.26	49.684	50.334	50.936	68.468	70.088	66.578	66.578	70.16	70.16	70.16	
971	2/22/2010 1:40:52 PM	51.26	49.684	50.334	50.936	68.468	70.088	66.578	66.578	70.16	70.16	70.16	
972	2/22/2010 1:50:52 PM	51.26	49.442	50.702	52.522	68.504	70.178	66.416	66.416	70.178	70.178	70.178	
973</													

[illegible]

1082	2/23/2010 8:10:52 AM	52.7	50.9	51.53	52.07	67.424	71.798	68.972	69.674	70.304
1083	2/23/2010 8:20:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1084	2/23/2010 8:30:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1085	2/23/2010 8:40:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1086	2/23/2010 8:50:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1087	2/23/2010 9:00:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1088	2/23/2010 9:10:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1089	2/23/2010 9:20:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1090	2/23/2010 9:30:52 AM	52.82	50.72	51.35	51.656	67.37	71.636	68.792	69.494	70.232
1091	2/23/2010 9:40:52 AM	52.88	50.694	51.152	51.458	67.296	71.87	69.152	69.746	70.592
1092	2/23/2010 9:50:52 AM	52.88	50.694	51.152	51.458	67.296	71.87	69.152	69.746	70.592
1093	2/23/2010 10:00:52 AM	53.06	50.72	51.26	51.458	67.154	71.636	68.99	69.494	70.232
1094	2/23/2010 10:10:52 AM	53.06	50.72	51.26	51.458	67.154	71.636	68.99	69.494	70.232
1095	2/23/2010 10:20:52 AM	53.06	50.72	51.26	51.458	67.154	71.636	68.99	69.494	70.232
1096	2/23/2010 10:30:52 AM	52.88	50.964	51.172	51.728	67.296	71.87	69.152	69.746	70.592
1097	2/23/2010 10:40:52 AM	52.88	50.964	51.172	51.728	67.296	71.87	69.152	69.746	70.592
1098	2/23/2010 10:50:52 AM	52.88	50.964	51.172	51.728	67.296	71.87	69.152	69.746	70.592
1099	2/23/2010 11:00:52 AM	52.7	50.36	50.774	50.45	67.406	71.87	69.152	69.746	70.592
1100	2/23/2010 11:10:52 AM	52.7	50.36	50.774	50.45	67.406	71.87	69.152	69.746	70.592
1101	2/23/2010 11:20:52 AM	52.82	50.486	50.994	50.864	67.316	71.798	69.278	69.566	70.412
1102	2/23/2010 11:30:52 AM	52.82	50.486	50.994	50.864	67.316	71.798	69.278	69.566	70.412
1103	2/23/2010 11:40:52 AM	52.82	50.486	50.994	50.864	67.316	71.798	69.278	69.566	70.412
1104	2/23/2010 11:50:52 AM	52.34	49.442	49.874	49.64	67.296	71.762	69.404	69.692	70.322
1105	2/23/2010 12:00:52 AM	52.34	49.442	49.874	49.64	67.296	71.762	69.404	69.692	70.322
1106	2/23/2010 12:10:52 AM	52.16	49.262	50.108	49.91	67.226	71.816	69.17	69.674	70.304
1107	2/23/2010 12:20:52 AM	52.16	49.262	50.108	49.91	67.226	71.816	69.17	69.674	70.304
1108	2/23/2010 12:30:52 AM	51.98	49.19	50.054	49.946	67.136	71.726	69.098	69.494	70.24
1109	2/23/2010 12:40:52 AM	51.98	49.19	50.054	49.946	67.136	71.726	69.098	69.494	70.24
1110	2/23/2010 12:50:52 AM	51.8	48.794	49.208	49.766	67.064	71.456	69.296	69.494	70.24
1111	2/23/2010 1:00:52 AM	51.8	48.794	49.208	49.766	67.064	71.456	69.296	69.494	70.24
1112	2/23/2010 1:10:52 AM	51.8	48.794	49.208	49.766	67.064	71.456	69.296	69.494	70.24
1113	2/23/2010 1:20:52 AM	51.8	48.794	49.208	49.766	67.064	71.456	69.296	69.494	70.24
1114	2/23/2010 1:30:52 AM	51.8	48.794	49.208	49.766	67.064	71.456	69.296	69.494	70.24
1115	2/23/2010 1:40:52 AM	51.8	48.794	49.208	49.766	67.064	71.456	69.296	69.494	70.24
1116	2/23/2010 1:50:52 AM	51.82	48.614	49.028	48.704	67.118	71.582	69.458	70.088	70.142
1117	2/23/2010 2:00:52 AM	51.82	48.614	49.028	48.704	67.118	71.582	69.458	70.088	70.142
1118	2/23/2010 2:10:52 AM	51.82	48.614	49.028	48.704	67.118	71.582	69.458	70.088	70.142
1119	2/23/2010 2:20:52 AM	51.82	48.614	49.028	48.704	67.118	71.582	69.458	70.088	70.142
1120	2/23/2010 2:30:52 AM	51.44	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1121	2/23/2010 2:40:52 AM	51.44	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1122	2/23/2010 2:50:52 AM	51.44	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1123	2/23/2010 3:00:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1124	2/23/2010 3:10:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1125	2/23/2010 3:20:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1126	2/23/2010 3:30:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1127	2/23/2010 3:40:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1128	2/23/2010 3:50:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1129	2/23/2010 4:00:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1130	2/23/2010 4:10:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1131	2/23/2010 4:20:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1132	2/23/2010 4:30:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1133	2/23/2010 4:40:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1134	2/23/2010 4:50:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1135	2/23/2010 5:00:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1136	2/23/2010 5:10:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1137	2/23/2010 5:20:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1138	2/23/2010 5:30:52 AM	51.26	48.434	49.28	48.722	66.83	71.618	69.296	69.386	70.214
1139	2/23/2010 5:40:52 AM	51.08	47.84	47.93	47.93	66.47	71.366	69.476	69.35	70.196
1140	2/23/2010 5:50:52 AM	51.08	47.84	47.93	47.93	66.47	71.366	69.476	69.35	70.196
1141	2/23/2010 6:00:52 AM	51.08	47.84	47.93	47.93	66.47	71.366	69.476	69.35	70.196
1142	2/23/2010 6:10:52 AM	51.26	48.02	48.11	48.11	66.758	71.762	69.89	69.53	70.25
1143	2/23/2010 6:20:52 AM	51.08	47.84	47.93	47.93	66.47	71.366	69.476	69.35	70.196
1144	2/23/2010 6:30:52 AM	51.08	47.84	47.93	47.93	66.47	71.366	69.476	69.35	70.196
1145	2/23/2010 6:40:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1146	2/23/2010 6:50:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1147	2/23/2010 7:00:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1148	2/23/2010 7:10:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1149	2/23/2010 7:20:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1150	2/23/2010 7:30:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1151	2/23/2010 7:40:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1152	2/23/2010 7:50:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1153	2/23/2010 8:00:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1154	2/23/2010 8:10:52 AM	51.26	48.254	48.1	48.11	66.65	71.438	69.764	69.53	70.25
1155	2/23/2010 8:20:52 AM	51.44	48.092	48.848	48.182	66.29	71.402	69.836	69.386	70.08
1156	2/23/2010 8:30:52 AM	51.82	48.272	48.344	48.582	66.8	71.582	69.566	70.088	70.142
1157	2/23/2010 8:40:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1158	2/23/2010 8:50:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1159	2/23/2010 9:00:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1160	2/23/2010 9:10:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1161	2/23/2010 9:20:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1162	2/23/2010 9:30:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1163	2/23/2010 9:40:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1164	2/23/2010 9:50:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1165	2/23/2010 10:00:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1166	2/23/2010 10:10:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1167	2/23/2010 10:20:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1168	2/23/2010 10:30:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1169	2/23/2010 10:40:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1170	2/23/2010 10:50:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1171	2/23/2010 11:00:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1172	2/23/2010 11:10:52 AM	51.82	48.344	48.582	48.344	66.236	71.474	69.71	69.566	70.088
1173	2/23/2010 11:20:52 AM	51.8								





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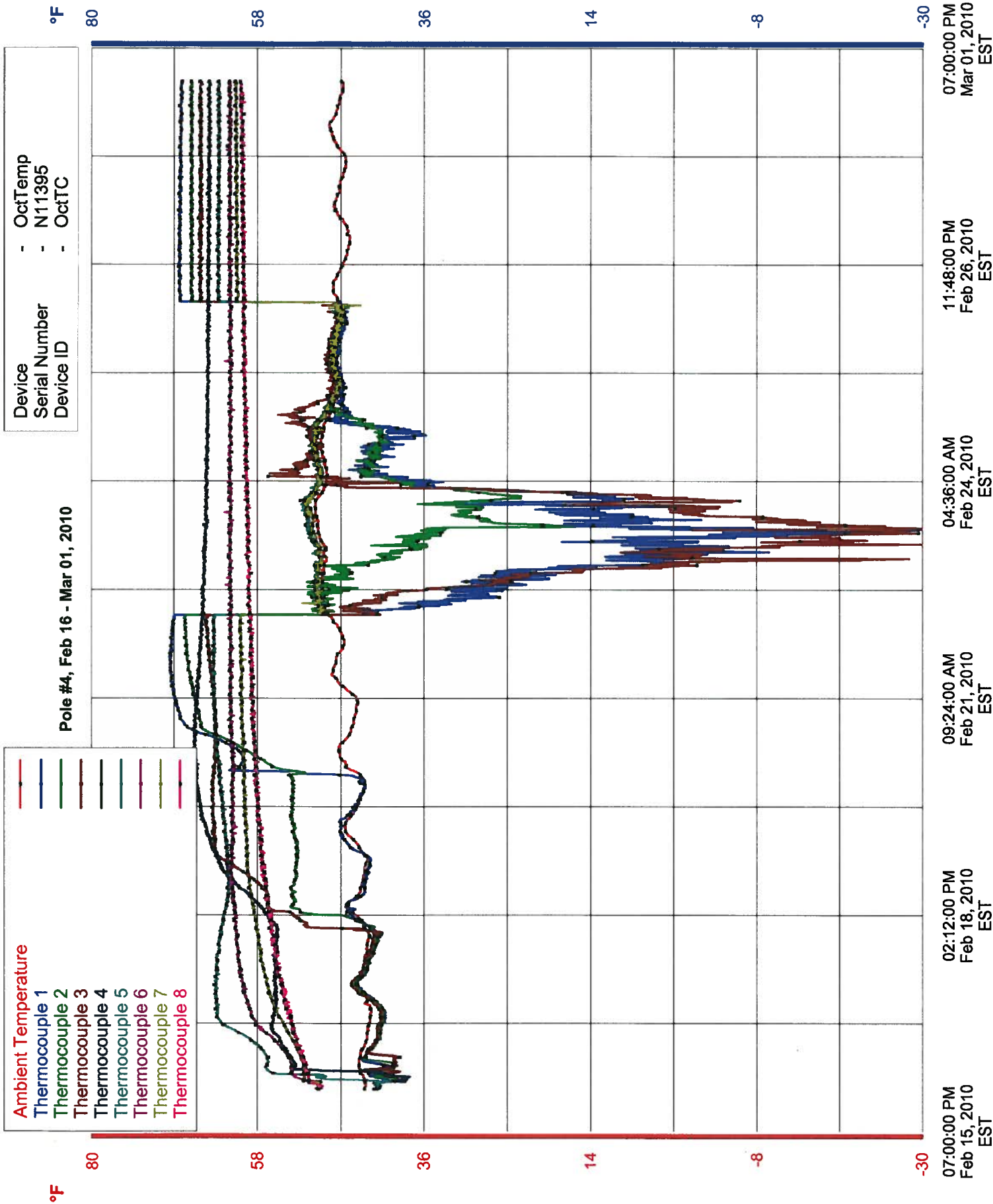


1579	2/27/2010 7:00:52 AM	44.636	53.24	60.008	60.962	66.38	68.954	69.026	69.9
1580	2/27/2010 7:10:52 AM	44.636	53.132	60.224	61.07	66.38	68.954	69.044	69.224
1581	2/27/2010 7:20:52 AM	44.636	53.132	60.44	61.196	66.47	68.954	69.044	69.224
1582	2/27/2010 7:30:52 AM	44.636	53.132	60.44	61.196	66.47	68.954	69.044	69.224
1583	2/27/2010 7:40:52 AM	44.636	53.276	60.584	61.124	66.398	68.864	69.062	69.044
1584	2/27/2010 7:50:52 AM	44.636	53.168	60.584	61.322	66.2	68.864	69.062	69.044
1585	2/27/2010 8:00:52 AM	44.636	53.168	60.584	61.214	66.29	68.864	69.062	69.044
1586	2/27/2010 8:10:52 AM	44.636	53.168	60.584	61.214	66.29	68.864	69.062	69.044
1587	2/27/2010 8:20:52 AM	44.636	53.168	60.584	61.214	66.2	68.864	69.062	69.044
1588	2/27/2010 8:30:52 AM	44.636	53.33	60.98	61.07	66.578	68.954	69.062	69.044
1589	2/27/2010 8:40:52 AM	44.636	53.168	60.98	61.214	66.29	68.954	69.062	69.044
1590	2/27/2010 8:50:52 AM	44.636	53.276	61.322	61.24	66.2	68.954	69.062	69.044
1591	2/27/2010 9:00:52 AM	44.636	53.33	61.502	61.196	66.254	68.954	69.062	69.044
1592	2/27/2010 9:10:52 AM	44.636	53.33	61.502	61.196	66.254	68.954	69.062	69.044
1593	2/27/2010 9:20:52 AM	44.636	53.312	61.682	61.25	66.128	68.954	69.062	69.044
1594	2/27/2010 9:30:52 AM	44.636	53.204	61.898	61.25	66.002	68.954	69.062	69.044
1595	2/27/2010 9:40:52 AM	44.636	53.42	61.898	61.42	66.128	68.954	69.062	69.044
1596	2/27/2010 9:50:52 AM	44.636	53.69	62.312	61.322	66.182	68.954	69.062	69.044
1597	2/27/2010 10:00:52 AM	44.636	53.51	62.222	61.25	66.128	68.954	69.062	69.044
1598	2/27/2010 10:10:52 AM	44.636	53.51	62.33	61.25	66.002	68.954	69.062	69.044
1599	2/27/2010 10:20:52 AM	44.636	53.492	62.33	61.322	66.182	68.954	69.062	69.044
1600	2/27/2010 10:30:52 AM	44.636	53.492	62.306	61.376	66.254	68.954	69.062	69.044
1601	2/27/2010 10:40:52 AM	44.636	53.492	62.306	61.484	66.146	68.954	69.062	69.044
1602	2/27/2010 10:50:52 AM	44.636	53.672	63.122	61.484	66.02	68.954	69.062	69.044
1603	2/27/2010 11:00:52 AM	44.636	53.78	63.122	61.484	66.02	68.954	69.062	69.044
1604	2/27/2010 11:10:52 AM	44.636	53.87	63.338	61.484	66.02	68.954	69.062	69.044
1605	2/27/2010 11:20:52 AM	44.636	53.978	63.23	61.61	66.254	68.954	69.062	69.044
1606	2/27/2010 11:30:52 AM	44.636	53.924	63.05	61.43	66.966	68.954	69.062	69.044
1607	2/27/2010 11:40:52 AM	44.636	54.14	63.158	61.43	66.966	68.954	69.062	69.044
1608	2/27/2010 11:50:52 AM	44.636	54.324	63.248	61.538	66.966	68.954	69.062	69.044
1609	2/27/2010 12:00:52 PM	44.636	54.324	63.536	61.61	66.93	68.954	69.062	69.044
1610	2/27/2010 12:10:52 PM	44.636	54.324	63.428	61.826	66.146	68.954	69.062	69.044
1611	2/27/2010 12:20:52 PM	44.636	54.41	63.536	61.718	66.02	68.954	69.062	69.044
1612	2/27/2010 12:30:52 PM	44.636	54.23	63.374	61.538	66.84	68.954	69.062	69.044
1613	2/27/2010 12:40:52 PM	44.636	54.41	63.428	61.718	66.254	68.954	69.062	69.044
1614	2/27/2010 12:50:52 PM	44.636	54.518	63.536	61.718	66.02	68.954	69.062	69.044
1615	2/27/2010 1:00:52 PM	44.636	54.518	63.536	61.718	66.02	68.954	69.062	69.044
1616	2/27/2010 1:10:52 PM	44.636	54.694	63.428	61.718	66.02	68.954	69.062	69.044
1617	2/27/2010 1:20:52 PM	44.636	54.694	63.428	61.718	66.02	68.954	69.062	69.044
1618	2/27/2010 1:30:52 PM	44.636	54.694	63.428	61.718	66.02	68.954	69.062	69.044
1619	2/27/2010 1:40:52 PM	44.636	54.806	63.608	61.898	66.002	68.954	69.062	69.044
1620	2/27/2010 1:50:52 PM	44.636	54.806	63.608	61.898	66.002	68.954	69.062	69.044
1621	2/27/2010 2:00:52 PM	44.636	54.932	63.518	61.772	66.002	68.954	69.062	69.044
1622	2/27/2010 2:10:52 PM	44.636	54.932	63.698	61.952	66.056	68.954	69.062	69.044
1623	2/27/2010 2:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1624	2/27/2010 2:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1625	2/27/2010 2:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1626	2/27/2010 2:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1627	2/27/2010 3:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1628	2/27/2010 3:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1629	2/27/2010 3:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1630	2/27/2010 3:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1631	2/27/2010 3:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1632	2/27/2010 3:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1633	2/27/2010 4:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1634	2/27/2010 4:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1635	2/27/2010 4:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1636	2/27/2010 4:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1637	2/27/2010 4:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1638	2/27/2010 4:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1639	2/27/2010 5:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1640	2/27/2010 5:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1641	2/27/2010 5:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1642	2/27/2010 5:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1643	2/27/2010 5:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1644	2/27/2010 5:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1645	2/27/2010 6:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1646	2/27/2010 6:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1647	2/27/2010 6:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1648	2/27/2010 6:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1649	2/27/2010 6:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1650	2/27/2010 6:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1651	2/27/2010 7:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1652	2/27/2010 7:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1653	2/27/2010 7:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1654	2/27/2010 7:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1655	2/27/2010 7:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1656	2/27/2010 7:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1657	2/27/2010 8:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1658	2/27/2010 8:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1659	2/27/2010 8:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1660	2/27/2010 8:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1661	2/27/2010 8:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1662	2/27/2010 8:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1663	2/27/2010 9:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1664	2/27/2010 9:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1665	2/27/2010 9:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1666	2/27/2010 9:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1667	2/27/2010 9:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1668	2/27/2010 9:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1669	2/27/2010 10:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1670	2/27/2010 10:10:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1671	2/27/2010 10:20:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1672	2/27/2010 10:30:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1673	2/27/2010 10:40:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1674	2/27/2010 10:50:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1675	2/27/2010 11:00:52 PM	44.636	54.932	63.572	61.952	66.056	68.954	69.062	69.044
1676	2/27/2010 11:10:52 PM								





Ambient Temperature Thermocouple 1 Thermocouple 2 Thermocouple 3 Thermocouple 4 Thermocouple 5 Thermocouple 6 Thermocouple 7 Thermocouple 8



Report Name:	03/31/2010 13:30:56
Report Date:	03/31/2010 13:30:56
File Name:	C:\R-area TC Data\20100301_084603_N11395.csv
Device:	OctTemp - 8 Channel Thermocouple Temperature Recorder
Serial Number:	N11395
Hardware Revision:	REV2 (256k)
Device ID:	OctC
Data Start Date:	Feb 16, 2010 08:04:27 AM EST
Data End Date:	Mar 01, 2010 08:44:27 AM EST
Reading Rate:	1 to 1877 of 1877
Next Calibration Date:	Aug 12, 2009
Next Calibration Date:	Aug 12, 2010
Next Calibration Date:	Aug 12, 2010
Unit Type (All Units)	
Reading Date/Time (EST)	
Ambient Temperature Thermocouple 1	
Thermocouple 2	
Thermocouple 3	
Thermocouple 4	
Thermocouple 5	
Thermocouple 6	
Thermocouple 7	
Thermocouple 8	

[illegible]



[illegible]

286	2/18/2010 7:34:27 AM	42.116	42.116	42.098	42.512	55.346	55.346
287	2/18/2010 7:44:27 AM	42.08	42.08	42.278	42.692	55.634	55.634
288	2/18/2010 7:54:27 AM	41.666	41.774	42.08	42.314	55.346	55.346
289	2/18/2010 8:04:27 AM	43.16	41.666	42.08	42.314	55.346	55.346
290	2/18/2010 8:14:27 AM	43.34	42.17	42.602	42.804	55.526	55.526
291	2/18/2010 8:24:27 AM	43.34	42.17	42.602	42.804	55.526	55.526
292	2/18/2010 8:34:27 AM	43.34	42.08	41.504	55.526	55.526	55.526
293	2/18/2010 8:44:27 AM	43.34	42.188	42.278	41.504	55.4	55.4
294	2/18/2010 8:54:27 AM	43.34	42.188	42.278	41.504	55.4	55.4
295	2/18/2010 9:04:27 AM	43.52	42.782	42.962	43.844	55.328	55.328
296	2/18/2010 9:14:27 AM	43.52	42.782	42.962	43.844	55.328	55.328
297	2/18/2010 9:24:27 AM	43.52	42.584	42.782	43.43	55.382	55.382
298	2/18/2010 9:34:27 AM	43.52	42.584	42.782	43.43	55.382	55.382
299	2/18/2010 9:44:27 AM	43.7	42.962	42.962	44.284	55.274	55.274
300	2/18/2010 9:54:27 AM	43.7	42.962	42.962	44.284	55.274	55.274
301	2/18/2010 10:04:27 AM	43.88	43.052	43.142	46.868	55.418	55.418
302	2/18/2010 10:14:27 AM	43.88	43.052	43.034	50.36	55.418	55.418
303	2/18/2010 10:24:27 AM	43.88	42.966	42.584	51.566	55.418	55.418
304	2/18/2010 10:34:27 AM	44.06	43.34	42.874	51.728	55.472	55.472
305	2/18/2010 10:44:27 AM	44.06	43.566	42.874	51.728	55.472	55.472
306	2/18/2010 10:54:27 AM	44.06	43.566	42.874	51.728	55.472	55.472
307	2/18/2010 11:04:27 AM	44.06	43.664	43.988	51.944	55.472	55.472
308	2/18/2010 11:14:27 AM	44.06	43.988	43.988	51.612	55.796	55.796
309	2/18/2010 11:24:27 AM	44.06	43.988	43.988	51.612	55.796	55.796
310	2/18/2010 11:34:27 AM	44.06	43.988	43.988	51.728	55.796	55.796
311	2/18/2010 11:44:27 AM	44.06	44.114	44.204	51.512	55.796	55.796
312	2/18/2010 11:54:27 AM	44.06	44.114	44.204	51.512	55.796	55.796
313	2/18/2010 12:04:27 PM	44.24	44.51	44.726	51.908	55.844	55.844
314	2/18/2010 12:14:27 PM	44.24	44.51	44.726	51.908	55.844	55.844
315	2/18/2010 12:24:27 PM	44.24	44.636	44.816	52.106	55.844	55.844
316	2/18/2010 12:34:27 PM	44.24	44.726	45.05	52.106	55.844	55.844
317	2/18/2010 12:44:27 PM	44.42	45.014	45.23	52.52	56.462	56.462
318	2/18/2010 12:54:27 PM	44.42	45.194	45.338	52.412	56.372	56.372
319	2/18/2010 1:04:27 PM	44.6	45.332	45.842	52.898	56.444	56.444
320	2/18/2010 1:14:27 PM	44.6	45.332	45.95	52.574	56.552	56.552
321	2/18/2010 1:24:27 PM	44.6	45.332	45.95	52.574	56.552	56.552
322	2/18/2010 1:34:27 PM	44.78	45.5	46.346	53.078	56.606	56.606
323	2/18/2010 1:44:27 PM	44.78	45.5	46.346	53.078	56.606	56.606
324	2/18/2010 1:54:27 PM	44.96	45.54	46.634	53.258	56.678	56.678
325	2/18/2010 2:04:27 PM	44.96	45.68	47.084	53.15	56.75	56.75
326	2/18/2010 2:14:27 PM	45.14	45.734	50.648	53.42	56.75	56.75
327	2/18/2010 2:24:27 PM	45.32	45.806	50.828	53.294	56.912	56.912
328	2/18/2010 2:34:27 PM	45.32	45.806	50.828	53.294	56.912	56.912
329	2/18/2010 2:44:27 PM	45.32	45.914	51.368	53.294	56.912	56.912
330	2/18/2010 2:54:27 PM	45.32	45.914	51.368	53.294	56.912	56.912
331	2/18/2010 3:04:27 PM	45.5	45.914	51.368	53.294	56.912	56.912
332	2/18/2010 3:14:27 PM	45.5	45.914	51.368	53.294	56.912	56.912
333	2/18/2010 3:24:27 PM	45.68	46.274	52.466	56.12	57.182	57.182
334	2/18/2010 3:34:27 PM	45.68	46.274	52.466	56.12	57.182	57.182
335	2/18/2010 3:44:27 PM	45.86	46.446	52.438	56.066	57.128	57.128
336	2/18/2010 3:54:27 PM	45.86	46.446	52.438	56.066	57.128	57.128
337	2/18/2010 4:04:27 PM	46.04	46.446	52.394	56.89	57.092	57.092
338	2/18/2010 4:14:27 PM	46.04	46.446	52.394	56.89	57.092	57.092
339	2/18/2010 4:24:27 PM	46.22	46.058	52.528	56.768	57.362	57.362
340	2/18/2010 4:34:27 PM	46.22	46.058	52.528	56.768	57.362	57.362
341	2/18/2010 4:44:27 PM	46.4	46.13	52.708	56.714	57.668	57.668
342	2/18/2010 4:54:27 PM	46.22	46.058	52.528	56.534	57.404	57.404
343	2/18/2010 5:04:27 PM	46.22	46.148	52.528	56.534	57.404	57.404
344	2/18/2010 5:14:27 PM	46.22	46.382	52.528	56.678	57.794	57.794
345	2/18/2010 5:24:27 PM	46.04	46.382	52.528	56.678	57.794	57.794
346	2/18/2010 5:34:27 PM	46.04	46.202	52.24	56.478	57.848	57.848
347	2/18/2010 5:44:27 PM	46.04	46.202	52.24	56.478	57.848	57.848
348	2/18/2010 5:54:27 PM	46.04	46.202	52.24	56.478	57.848	57.848
349	2/18/2010 6:04:27 PM	46.04	46.094	52.24	56.678	58.172	58.172
350	2/18/2010 6:14:27 PM	46.86	46.022	52.988	56.908	58.334	58.334
351	2/18/2010 6:24:27 PM	45.86	46.022	52.988	56.908	58.334	58.334
352	2/18/2010 6:34:27 PM	45.68	45.734	52.006	56.552	58.582	58.582
353	2/18/2010 6:44:27 PM	45.68	45.618	52.24	56.6	58.586	58.586
354	2/18/2010 6:54:27 PM	45.5	45.104	53.06	56.57	58.406	58.406
355	2/18/2010 7:04:27 PM	45.32	45.05	53.204	56.516	58.504	58.504
356	2/18/2010 7:14:27 PM	45.32	44.816	53.402	56.624	58.658	58.658
357	2/18/2010 7:24:27 PM	45.32	44.816	53.402	56.624	58.658	58.658
358	2/18/2010 7:34:27 PM	45.14	44.636	53.222	56.632	58.91	58.91
359	2/18/2010 7:44:27 PM	44.96	44.456	53.276	56.696	58.838	58.838
360	2/18/2010 7:54:27 PM	44.96	44.366	53.364	56.688	58.838	58.838
361	2/18/2010 8:04:27 PM	44.96	44.366	53.364	56.688	58.838	58.838
362	2/18/2010 8:14:27 PM	44.78	44.188	53.528	56.75	58.982	58.982
363	2/18/2010 8:24:27 PM	44.78	44.276	53.636	56.75	58.982	58.982
364	2/18/2010 8:34:27 PM	44.6	44.006	53.348	56.57	59.126	59.126
365	2/18/2010 8:44:27 PM	44.6	44.006	53.348	56.57	59.126	59.126
366	2/18/2010 8:54:27 PM	44.6	44.006	53.348	56.57	59.126	59.126
367	2/18/2010 9:04:27 PM	44.6	44.006	53.348	56.57	59.126	59.126
368	2/18/2010 9:14:27 PM	44.42	43.826	53.06	56.714	59.486	59.486
369	2/18/2010 9:24:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
370	2/18/2010 9:34:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
371	2/18/2010 9:44:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
372	2/18/2010 9:54:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
373	2/18/2010 10:04:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
374	2/18/2010 10:14:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
375	2/18/2010 10:24:27 PM	44.42	43.916	53.168	56.822	59.486	59.486
376	2/18/2010 10:34:27 PM	44.42	43.826	53.6	57.452	60.35	60.35
377	2/18/2010 10:44:27 PM	44.42	44.024	53.708	57.452	60.35	60.35
378	2/18/2010 10:54:27 PM	44.42	44.15	53.6	57.452	60.35	60.35
379	2/18/2010 11:04:27 PM	44.24	43.844	53.42	57.398	60.476	60.476
380	2/18/2010 11:14:27 PM	44.24	43.97	53.312	57.506	60.302	60.302
381	2/18/2010 11:24:27 PM	44.24	43.97	53.222	57.506	60.302	60.302
382	2/18/2010 11:34:27 PM	44.24	44.078	53.114	57.83	60.818	60.818
383	2/18/2010 11:44:27 PM	44.24	43.844	53.114	57.83	60.818	60.818
384	2/18/2010 11:54:27 PM	44.24	43.97	53.222	57.938	60.926	60.926



[illegible]

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[illegible]



[illegible]







1480	2/26/2010 2:34:27 PM	68.216	66.812	66.498	64.418	63.158	61.646	60.638	59.792
1481	2/26/2010 2:44:27 PM	68.324	66.722	66.408	64.526	63.266	61.52	60.53	59.882
1482	2/26/2010 2:54:27 PM	68.324	66.596	66.3	64.526	63.158	61.52	60.53	59.882
1483	2/26/2010 3:04:27 PM	68.216	66.722	66.408	64.526	63.158	61.52	60.638	59.684
1484	2/26/2010 3:14:27 PM	68.216	66.722	66.606	64.418	63.032	61.52	60.53	59.684
1485	2/26/2010 3:24:27 PM	68.216	66.722	66.606	64.526	63.266	61.52	60.638	59.684
1486	2/26/2010 3:34:27 PM	68.324	66.722	66.498	64.526	63.266	61.754	60.764	59.792
1487	2/26/2010 3:44:27 PM	68.324	66.722	66.498	64.418	63.158	61.862	60.872	59.792
1488	2/26/2010 3:54:27 PM	68.414	66.722	66.714	64.526	63.158	61.646	60.764	59.792
1489	2/26/2010 4:04:27 PM	68.414	66.722	66.606	64.526	63.266	61.646	60.764	59.882
1490	2/26/2010 4:14:27 PM	68.414	66.812	66.606	64.526	63.266	61.754	60.764	59.882
1491	2/26/2010 4:24:27 PM	68.324	66.812	66.606	64.526	63.266	61.52	60.638	59.882
1492	2/26/2010 4:34:27 PM	68.324	66.812	66.498	64.526	63.158	61.52	60.638	59.882
1493	2/26/2010 4:44:27 PM	68.324	66.812	66.498	64.526	63.158	61.754	60.638	59.882
1494	2/26/2010 4:54:27 PM	68.324	66.722	66.606	64.526	63.158	61.646	60.638	59.684
1495	2/26/2010 5:04:27 PM	68.324	66.596	66.498	64.526	63.266	61.52	60.638	59.684
1496	2/26/2010 5:14:27 PM	68.324	66.722	66.498	64.418	63.158	61.862	60.638	59.882
1497	2/26/2010 5:24:27 PM	68.216	66.722	66.498	64.526	63.158	61.52	60.638	59.882
1498	2/26/2010 5:34:27 PM	68.324	66.722	66.714	64.526	63.158	61.646	60.638	59.792
1499	2/26/2010 5:44:27 PM	68.414	66.722	66.606	64.526	63.266	61.646	60.764	59.882
1500	2/26/2010 5:54:27 PM	68.414	66.722	66.606	64.418	63.032	61.646	60.764	59.882
1501	2/26/2010 6:04:27 PM	68.324	66.722	66.498	64.526	63.158	61.52	60.53	59.99
1502	2/26/2010 6:14:27 PM	68.324	66.722	66.498	64.526	63.158	61.52	60.53	59.99
1503	2/26/2010 6:24:27 PM	68.324	66.722	66.606	64.418	63.158	61.646	60.638	59.882
1504	2/26/2010 6:34:27 PM	68.324	66.812	66.498	64.526	63.266	61.646	60.764	59.882
1505	2/26/2010 6:44:27 PM	68.414	66.812	66.498	64.526	63.266	61.754	60.764	59.792
1506	2/26/2010 6:54:27 PM	68.252	66.532	66.426	64.54	62.978	61.466	60.692	59.702
1507	2/26/2010 7:04:27 PM	68.252	66.532	66.426	64.54	62.978	61.466	60.692	59.702
1508	2/26/2010 7:14:27 PM	68.18	66.56	66.264	64.166	63.014	61.52	60.512	59.648
1509	2/26/2010 7:24:27 PM	68.18	66.598	66.372	64.382	63.014	61.52	60.602	59.684
1510	2/26/2010 7:34:27 PM	68.288	66.668	66.372	64.382	63.014	61.52	60.602	59.756
1511	2/26/2010 7:44:27 PM	68.288	66.558	66.558	64.49	63.104	61.61	60.602	59.864
1512	2/26/2010 7:54:27 PM	68.414	66.794	66.598	64.49	63.23	61.718	60.602	59.864
1513	2/26/2010 8:04:27 PM	68.126	66.614	66.516	64.31	63.03	61.538	60.602	59.864
1514	2/26/2010 8:14:27 PM	68.324	66.704	66.426	64.31	63.05	61.34	60.656	59.774
1515	2/26/2010 8:24:27 PM	68.324	66.614	66.516	64.418	63.05	61.43	60.656	59.774
1516	2/26/2010 8:34:27 PM	68.324	66.704	66.624	64.544	63.266	61.646	60.764	59.774
1517	2/26/2010 8:44:27 PM	68.324	66.812	66.624	64.544	63.266	61.646	60.656	59.9
1518	2/26/2010 8:54:27 PM	68.324	66.812	66.624	64.544	63.266	61.646	60.764	59.9
1519	2/26/2010 9:04:27 PM	68.432	66.812	66.732	64.544	63.266	61.646	60.854	60.008
1520	2/26/2010 9:14:27 PM	68.378	66.632	66.444	64.544	63.212	61.466	60.692	59.828
1521	2/26/2010 9:24:27 PM	68.378	66.558	66.552	64.544	63.212	61.466	60.692	59.828
1522	2/26/2010 9:34:27 PM	68.496	66.632	66.552	64.562	63.212	61.592	60.8	59.936
1523	2/26/2010 9:44:27 PM	68.306	66.686	66.372	64.382	63.122	61.412	60.62	59.756
1524	2/26/2010 9:54:27 PM	68.306	66.686	66.306	64.508	63.122	61.844	60.728	59.846
1525	2/26/2010 10:04:27 PM	68.306	66.776	66.498	64.508	63.122	61.81	60.62	59.846
1526	2/26/2010 10:14:27 PM	68.306	66.686	66.598	64.508	63.122	61.61	60.62	59.846
1527	2/26/2010 10:24:27 PM	68.306	66.776	66.598	64.508	63.23	61.61	60.854	59.846
1528	2/26/2010 10:34:27 PM	68.306	66.776	66.604	64.616	63.23	61.718	60.854	59.846
1529	2/26/2010 10:44:27 PM	68.342	66.596	66.516	64.436	63.176	61.754	60.854	59.792
1530	2/26/2010 10:54:27 PM	68.342	66.722	66.516	64.436	63.176	61.664	60.674	60.008
1531	2/26/2010 11:04:27 PM	68.45	66.45	66.45	64.544	63.194	61.772	60.764	59.918
1532	2/26/2010 11:14:27 PM	68.162	66.65	66.462	64.472	62.996	61.574	60.602	59.846
1533	2/26/2010 11:24:27 PM	68.27	66.56	66.336	64.346	62.996	61.494	60.602	59.846
1534	2/26/2010 11:34:27 PM	68.378	66.598	66.578	64.472	63.194	61.376	60.692	59.846
1535	2/26/2010 11:44:27 PM	68.378	66.598	66.66	64.346	63.104	61.916	60.692	59.846
1536	2/26/2010 11:54:27 PM	68.496	66.65	66.57	64.472	63.194	61.682	60.692	59.954
1537	2/26/2010 12:04:27 PM	68.378	66.884	66.57	64.472	63.194	61.682	60.692	59.954
1538	2/26/2010 12:14:27 PM	68.378	66.758	66.66	64.58	63.194	61.682	60.692	59.954
1539	2/26/2010 12:24:27 PM	68.378	66.598	66.578	64.58	63.194	61.808	60.692	59.954
1540	2/26/2010 12:34:27 PM	68.324	66.598	66.48	64.4	63.14	61.394	60.638	59.666
1541	2/26/2010 12:44:27 PM	68.324	66.598	66.598	64.292	63.14	61.52	60.746	59.774
1542	2/26/2010 12:54:27 PM	68.324	66.704	66.39	64.634	63.248	61.628	60.746	59.864
1543	2/26/2010 1:04:27 PM	68.324	66.704	66.48	64.508	63.248	61.628	60.746	59.864
1544	2/26/2010 1:14:27 PM	68.224	66.722	66.426	64.454	63.086	61.34	60.566	59.81
1545	2/26/2010 1:24:27 PM	68.224	66.614	66.426	64.454	63.194	61.682	60.674	59.81
1546	2/26/2010 1:34:27 PM	68.224	66.614	66.426	64.454	63.194	61.682	60.674	59.81
1547	2/26/2010 1:44:27 PM	68.342	66.722	66.642	64.454	63.194	61.682	60.674	59.818
1548	2/26/2010 1:54:27 PM	68.224	66.848	66.534	64.544	63.194	61.772	60.764	59.918
1549	2/26/2010 2:04:27 PM	68.342	66.722	66.578	64.544	63.194	61.772	60.764	59.918
1550	2/26/2010 2:14:27 PM	68.46	66.45	66.462	64.454	63.194	61.772	60.764	59.918
1551	2/26/2010 2:24:27 PM	68.342	66.848	66.462	64.472	63.014	61.682	60.602	59.81
1552	2/26/2010 2:34:27 PM	68.18	66.56	66.462	64.472	63.014	61.7	60.602	59.846
1553	2/26/2010 2:44:27 PM	68.288	66.668	66.462	64.364	63.104	61.592	60.71	59.738
1554	2/26/2010 2:54:27 PM	68.388	66.668	66.462	64.364	63.104	61.592	60.71	59.738
1555	2/26/2010 3:04:27 PM	68.288	66.668	66.462	64.364	63.104	61.592	60.818	59.738
1556	2/26/2010 3:14:27 PM	68.288	66.668	66.462	64.364	63.014	61.592	60.818	59.738
1557	2/26/2010 3:24:27 PM	68.288	66.668	66.462	64.472	63.212	61.7	60.818	59.846
1558	2/26/2010 3:34:27 PM	68.288	66.776	66.598	64.598	63.212	61.7	60.818	59.846
1559	2/26/2010 3:44:27 PM	68.396	66.776	66.678	64.598	63.104	61.808	60.71	59.936
1560	2/26/2010 3:54:27 PM	68.396	66.886	66.678	64.598	63.32	61.7	60.818	60.17
1561	2/26/2010 4:04:27 PM	68.396	66.776	66.588	64.364	63.32	61.808	60.926	60.062
1562	2/26/2010 4:14:27 PM	68.22	66.866	66.588	64.598	63.446	61.808	60.818	60.062
1563	2/26/2010 4:24:27 PM	68.306	66.686	66.496	64.418	63.266	61.754	60.764	59.882
1564	2/26/2010 4:34:27 PM	68.414	66.812	66.606	64.526	63.158	61.646	60.764	59.882
1565	2/26/2010 4:44:27 PM	68.414	66.812	66.606	64.526	63.158	61.646	60.764	59.882
1566	2/26/2010 4:54:27 PM	68.414	66.812	66.498	64.418	63.158	61.646	60.764	59.99
1567	2/26/2010 5:04:27 PM	68.414	66.812	66.498	64.418	63.158	61.646	60.764	59.99
1568	2/26/2010 5:14:27 PM	68.216	66.686	66.498	64.418	63.158	61.646	60.764	59.882
1569	2/26/2010 5:24:27 PM	68.414	66.812	66.606	64.526	63.158	61.646	60.764	59.882
1570	2/26/2010 5:34:27 PM	68.414	66.812	66.606	64.526	63.158	61.646	60.764	59.882
1571	2/26/2010 5:44:27 PM	68.414	66.812	66.606	64.418	63.158	61.754	60.764	59.99
1572	2/26/2010 5:54:27 PM	68.252	66.506	66.306	64.346	62.978	61.754	60.584	59.81
1573	2/26/2010 6:04:27 PM	68.144	66.506	66.426	64.346	62.978	61.664	60.584	59.702
1574	2/26/2010 6:14:27 PM	68.252	66.532	66.532	64.238	62.986	61.664	60.584	59.81
1575	2/26/2010 6:24:27 PM	68.36	66.74	66.318	64.436	62.986	61.664	60.782	59.936
1576	2/26/2010 6:34:27 PM	68.252	66.532	66.426	64.436	62.986	61.664	60.584	59.936
1577	2/26/2010 6:44:27 PM	68.252	66.532	66.426	64.436	62.986			



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1778	2/28/2010 4:14:27 PM	48.2	68.18	66.68	68.09	66.56	65.354	64.166	63.122	61.502	60.818	59.738
1779	2/28/2010 4:24:27 PM	48.2	68.18	66.68	68.09	66.56	65.354	64.166	63.122	61.502	60.818	59.738
1780	2/28/2010 4:34:27 PM	48.2	68.09	66.68	68.09	66.56	65.354	64.166	63.122	61.7	60.62	60.062
1781	2/28/2010 4:44:27 PM	48.2	68.09	66.56	68.09	66.56	65.354	64.166	63.122	61.502	60.71	60.062
1782	2/28/2010 4:54:27 PM	48.2	68.09	66.56	68.09	66.56	65.354	64.166	63.122	61.502	60.71	60.062
1783	2/28/2010 5:04:27 PM	48.3	68.144	66.614	68.09	66.56	65.354	64.166	63.088	61.772	60.89	60.026
1784	2/28/2010 5:14:27 PM	48.3	68.144	66.722	68.09	66.56	65.354	64.166	63.088	61.556	60.8	60.026
1785	2/28/2010 5:24:27 PM	48.3	68.144	66.722	68.09	66.56	65.354	64.166	63.088	61.556	60.8	60.026
1786	2/28/2010 5:34:27 PM	48.3	68.036	66.614	68.036	66.56	65.426	64.346	63.088	61.556	60.89	59.918
1787	2/28/2010 5:44:27 PM	48.3	68.036	66.614	68.036	66.56	65.426	64.346	63.088	61.556	60.89	59.918
1788	2/28/2010 5:54:27 PM	48.3	68.036	66.614	68.036	66.56	65.426	64.346	63.088	61.556	60.89	59.918
1789	2/28/2010 6:04:27 PM	48.3	68.036	66.614	68.036	66.56	65.426	64.346	63.088	61.556	60.89	59.918
1790	2/28/2010 6:14:27 PM	48.3	68.036	66.614	68.036	66.56	65.426	64.346	63.088	61.556	60.89	59.918
1791	2/28/2010 6:24:27 PM	48.5	68.216	66.704	68.09	66.56	65.498	64.292	63.14	61.628	60.854	59.972
1792	2/28/2010 6:34:27 PM	48.5	68.216	66.704	68.09	66.56	65.498	64.292	63.14	61.628	60.854	59.972
1793	2/28/2010 6:44:27 PM	48.5	68.216	66.704	68.09	66.56	65.498	64.292	63.14	61.628	60.854	59.972
1794	2/28/2010 6:54:27 PM	48.5	68.09	66.704	68.09	66.56	65.498	64.292	63.05	61.628	60.854	59.972
1795	2/28/2010 7:04:27 PM	48.5	68.09	66.704	68.09	66.56	65.498	64.292	63.05	61.628	60.854	59.972
1796	2/28/2010 7:14:27 PM	48.5	68.09	66.794	68.09	66.56	65.588	64.4	63.14	61.628	60.98	59.864
1797	2/28/2010 7:24:27 PM	48.5	68.09	66.794	68.09	66.56	65.588	64.4	63.14	61.628	60.98	59.864
1798	2/28/2010 7:34:27 PM	48.5	68.216	66.704	68.09	66.56	65.588	64.4	63.14	61.628	60.854	59.864
1799	2/28/2010 7:44:27 PM	48.5	68.216	66.794	68.09	66.56	65.588	64.4	63.14	61.628	60.854	59.864
1800	2/28/2010 7:54:27 PM	48.3	68.144	66.614	68.09	66.56	65.426	64.346	63.088	61.448	60.8	60.026
1801	2/28/2010 8:04:27 PM	48.3	68.252	66.722	68.09	66.56	65.426	64.346	63.088	61.448	60.8	60.026
1802	2/28/2010 8:14:27 PM	48.2	68.09	66.68	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1803	2/28/2010 8:24:27 PM	48.2	67.964	66.68	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1804	2/28/2010 8:34:27 PM	48.2	68.18	66.68	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1805	2/28/2010 8:44:27 PM	48.2	68.288	66.68	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1806	2/28/2010 8:54:27 PM	48.02	68.108	66.588	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1807	2/28/2010 9:04:27 PM	48.02	68.108	66.588	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1808	2/28/2010 9:14:27 PM	48.02	68	66.588	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1809	2/28/2010 9:24:27 PM	48.02	68.216	66.722	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1810	2/28/2010 9:34:27 PM	48.02	68.216	66.722	68.09	66.56	65.426	64.346	63.122	61.394	60.71	59.846
1811	2/28/2010 9:44:27 PM	47.94	68.054	66.542	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1812	2/28/2010 9:54:27 PM	47.94	68.054	66.542	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1813	2/28/2010 10:04:27 PM	47.94	68.162	66.848	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1814	2/28/2010 10:14:27 PM	47.66	68.072	66.452	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1815	2/28/2010 10:24:27 PM	47.66	67.982	66.56	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1816	2/28/2010 10:34:27 PM	47.66	67.982	66.668	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1817	2/28/2010 10:44:27 PM	47.66	68.072	66.668	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1818	2/28/2010 10:54:27 PM	47.66	68.072	66.794	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1819	2/28/2010 11:04:27 PM	47.66	68.072	66.794	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1820	2/28/2010 11:14:27 PM	47.66	68.18	66.794	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1821	2/28/2010 11:24:27 PM	47.66	68.072	66.668	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1822	2/28/2010 11:34:27 PM	47.66	68.18	66.794	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1823	2/28/2010 11:44:27 PM	47.66	68.18	66.794	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1824	2/28/2010 11:54:27 PM	47.48	68.018	66.704	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1825	2/28/2010 12:04:27 PM	47.48	68.018	66.614	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1826	2/28/2010 12:14:27 PM	47.48	68.126	66.614	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1827	2/28/2010 12:24:27 PM	47.48	68.126	66.704	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1828	2/28/2010 12:34:27 PM	47.48	68.126	66.704	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1829	2/28/2010 12:44:27 PM	47.48	68.234	66.812	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1830	2/28/2010 12:54:27 PM	47.48	68.234	66.704	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1831	2/28/2010 1:04:27 PM	47.48	68.324	66.812	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1832	2/28/2010 1:14:27 PM	47.48	68.234	66.794	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1833	2/28/2010 1:24:27 PM	47.3	68.144	66.632	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1834	2/28/2010 1:34:27 PM	47.3	68.144	66.758	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1835	2/28/2010 1:44:27 PM	47.3	68.144	66.758	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1836	2/28/2010 1:54:27 PM	47.3	68.144	66.758	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1837	2/28/2010 2:04:27 PM	47.3	68.054	66.758	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1838	2/28/2010 2:14:27 PM	47.12	68.282	66.776	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1839	2/28/2010 2:24:27 PM	47.12	68.282	66.776	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1840	2/28/2010 2:34:27 PM	47.3	68.054	66.758	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1841	2/28/2010 2:44:27 PM	47.3	68.144	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1842	2/28/2010 2:54:27 PM	47.3	68.054	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1843	2/28/2010 3:04:27 PM	47.12	67.982	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1844	2/28/2010 3:14:27 PM	47.3	68.144	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1845	2/28/2010 3:24:27 PM	47.12	67.982	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1846	2/28/2010 3:34:27 PM	47.12	67.982	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1847	2/28/2010 3:44:27 PM	47.12	67.982	66.776	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1848	2/28/2010 3:54:27 PM	47.12	68.09	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1849	2/28/2010 4:04:27 PM	47.12	68.09	66.866	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1850	2/28/2010 4:14:27 PM	47.12	68.198	66.776	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1851	2/28/2010 4:24:27 PM	47.12	68.198	66.884	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1852	2/28/2010 4:34:27 PM	47.12	68.198	66.884	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1853	2/28/2010 4:44:27 PM	46.94	67.91	66.722	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1854	2/28/2010 4:54:27 PM	46.94	68.126	66.596	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1855	2/28/2010 5:04:27 PM	46.94	68.018	66.722	68.09	66.56	65.318	64.346	63.088	61.682	60.782	60.044
1856	2/28/2010 5:14:27 PM	46.76	67.964	66.65	68.09	66.56	65.318	64.346	63.088	61.682	6	

Ambient Temperature Thermocouple 1 Thermocouple 2 Thermocouple 3 Thermocouple 4 Thermocouple 5 Thermocouple 6 Thermocouple 7 Thermocouple 8

End of Report