Annual Data Summary
Pogo Meteorological Monitoring Program

October 1, 2011 – September 30, 2012

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December 2012

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Annual Data Summary

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EXECUTIVE SUMMARY

In 2011, Sumitomo Metal Mining Pogo LLC (Pogo) contracted the services of SLR International Corporation (SLR) to install, operate, and maintain two meteorological monitoring stations for the Pogo Mine near Delta Junction, Alaska. The Pogo Mine is a gold mine which began operation in 2006 with an anticipated project life of 10 years. It is located on state land in the upper Goodpastor River valley located 35 miles northeast of Delta Junction, Alaska. The mine uses conventional underground mining techniques. The mine complex includes a mill, camp facilities, drystack tailings facility (DSTF), recycle water tailings pond (RTP), an airstrip, laydown and fuel storage areas, and a local network of roads.

The primary objective of this monitoring program is to collect meteorological data to support dispersion modeling for any air quality permit applications that may be required for future projects. As a secondary objective, the collected meteorological data may be used to support other environmental studies that may be prepared and have an air quality component. The data may also be used to support facility design and engineering. The meteorological data at both monitoring sites is collected in accordance with Prevention of Significant Deterioration (PSD) requirements and guidance. To meet these objectives, at least 12 contiguous months of PSD-quality meteorological data will be collected following EPA criteria and guidance. This report provides details of meteorological measurements collected during the monitoring year, spanning from October 1, 2011 to September 30, 2012.

Table E-1 details Quality Assurance Project Plan (QAPP) variations documented for this project during the monitoring period. QAPP variations are explained in more detail in Section 1.3. The Pogo QAPP was approved by ADEC on March 19, 2012. Tables E-2 and E-4 provide monthly valid data capture hours for the Pogo Airstrip (PAR) and Pogo Ridge (PRG) meteorological monitoring stations, respectively. Tables E-3 and E-5 provide monthly percent data capture for the PAR and PRG meteorological monitoring stations, respectively. Any data not meeting QAPP and PSD precision and accuracy criteria were invalidated and are described in Section 2.2.

Table E-1: QAPP Variation Table

Summary of QAPP Variation
During the monitoring period, there were no variations from the approved procedures and criteria specified in the Pogo Meteorological Monitoring Quality Assurance Project Plan (QAPP).

Table E-2: PAR Meteorological Data Capture – Valid Hours per Month

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	740	740	740	740	740	740	737	744
November 2011	720	720	720	720	720	720	720	720
December 2011	744	744	744	744	744	744	744	744
1st Quarter	**2,204**	**2,204**	**2,204**	**2,204**	**2,204**	**2,204**	**2,201**	**2,208**
January 2012	744	744	744	744	744	744	744	744
February 2012	696	696	696	696	696	696	696	696
March 2012	744	744	744	744	744	744	744	744
2nd Quarter	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**
April 2012	718	718	718	716	716	716	714	720
May 2012	744	744	744	744	744	744	744	744
June 2012	720	720	720	720	720	720	720	720
3rd Quarter	**2,182**	**2,182**	**2,182**	**2,180**	**2,180**	**2,180**	**2,178**	**2,184**
July 2012	744	744	744	744	744	744	744	744
August 2012	744	744	744	744	744	744	744	744
September 2012	720	720	720	720	720	720	720	720
4th Quarter	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**
Year to Date	**8,778**	**8,778**	**8,778**	**8,776**	**8,776**	**8,776**	**8,771**	**8,784**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

Table E-3: PAR Meteorological Data Capture – Percent Data Capture

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	99	99	99	99	99	99	99	100
November 2011	100	100	100	100	100	100	100	100
December 2011	100	100	100	100	100	100	100	100
1st Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
January 2012	100	100	100	100	100	100	100	100
February 2012	100	100	100	100	100	100	100	100
March 2012	100	100	100	100	100	100	100	100
2nd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
April 2012	100	100	100	99	99	99	99	100
May 2012	100	100	100	100	100	100	100	100
June 2012	100	100	100	100	100	100	100	100
3rd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
July 2012	100	100	100	100	100	100	100	100
August 2012	100	100	100	100	100	100	100	100
September 2012	100	100	100	100	100	100	100	100
4th Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Year to Date	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

Table E-4: PRG Meteorological Data Capture – Valid Hours per Month

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	740	740	740	738	738	738	739	743
November 2011	720	720	720	720	720	720	720	720
December 2011	744	744	744	744	744	744	744	744
1st Quarter	**2,204**	**2,204**	**2,204**	**2,202**	**2,202**	**2,202**	**2,203**	**2,207**
January 2012	744	744	744	744	744	744	744	744
February 2012	696	696	696	696	696	696	696	696
March 2012	744	744	744	744	744	744	744	744
2nd Quarter	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**
April 2012	720	720	720	720	720	720	720	720
May 2012	742	742	742	741	741	741	737	744
June 2012	720	720	720	720	720	720	720	720
3rd Quarter	**2,182**	**2,182**	**2,182**	**2,181**	**2,181**	**2,181**	**2,177**	**2,184**
July 2012	744	744	744	744	744	744	744	744
August 2012	744	744	744	744	744	744	744	744
September 2012	720	720	720	720	720	720	720	720
4th Quarter	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**
Year to Date	**8,778**	**8,778**	**8,778**	**8,775**	**8,775**	**8,775**	**8,772**	**8,783**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

Table E-5: PRG Meteorological Data Capture – Percent Data Capture

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	99	99	99	99	99	99	99	99
November 2011	100	100	100	100	100	100	100	100
December 2011	100	100	100	100	100	100	100	100
1st Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
January 2012	100	100	100	100	100	100	100	100
February 2012	100	100	100	100	100	100	100	100
March 2012	100	100	100	100	100	100	100	100
2nd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
April 2012	100	100	100	100	100	100	100	100
May 2012	100	100	100	100	100	100	100	100
June 2012	100	100	100	100	100	100	100	100
3rd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
July 2012	100	100	100	100	100	100	100	100
August 2012	100	100	100	100	100	100	100	100
September 2012	100	100	100	100	100	100	100	100
4th Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Year to Date	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

1. INTRODUCTION

1.1 PROJECT SUMMARY

In 2011, Sumitomo Metal Mining Pogo LLC (Pogo) contracted the services of SLR International Corporation (SLR) to install, operate, and maintain two meteorological monitoring stations for the Pogo Mine near Delta Junction, Alaska. The Pogo Mine is a gold mine which began operation in 2006 with an anticipated project life of 10 years. It is located on state land in the upper Goodpastor River valley, 35 miles northeast of Delta Junction, Alaska. Figure 1-1 shows a map of the Pogo project area and its location within Alaska. Figure 1-2 is an aerial image showing the Pogo mine site and the airstrip and ridge meteorological stations. The mine uses conventional underground mining techniques.

The primary objective of this monitoring program is to collect meteorological data to support dispersion modeling for any air quality permit applications that may be required for future projects. As a secondary objective, the collected meteorological data may be used to support other environmental studies that may be prepared and have an air quality component. The data may also be used to support facility design and engineering.

The meteorological data at both monitoring sites is collected in accordance with Prevention of Significant Deterioration (PSD) requirements and guidance. To meet these objectives, at least 12 contiguous months of PSD-quality meteorological data will be collected following EPA criteria and guidance. The following meteorological data are collected at both stations:

- Air temperature, two meters above ground (degrees Celsius [°C])
- Air temperature, ten meters above ground (degrees Celsius [°C])
- Wind speed (meters per second [m/s])
- Wind direction (degrees [°])
- Precipitation (mm)
- Incident solar radiation (Watts per square meter [W/m^2])

The meteorological parameters listed above will be used to calculate the following concurrent meteorological parameters:

- Vertical temperature difference (ΔT, “Delta T” (degrees Celsius [°C]))
    - $\Delta T = 10\ meter\ Temperature - 2\ meter\ Temperature$
- Wind direction standard deviation (sigma theta [σ_θ])

Station operations began to collect PSD quality data for use in dispersion modeling on October 1, 2011. The Pogo Mine Meteorological Monitoring Program Quality Assurance Project Plan was approved by ADEC on March 19, 2012.

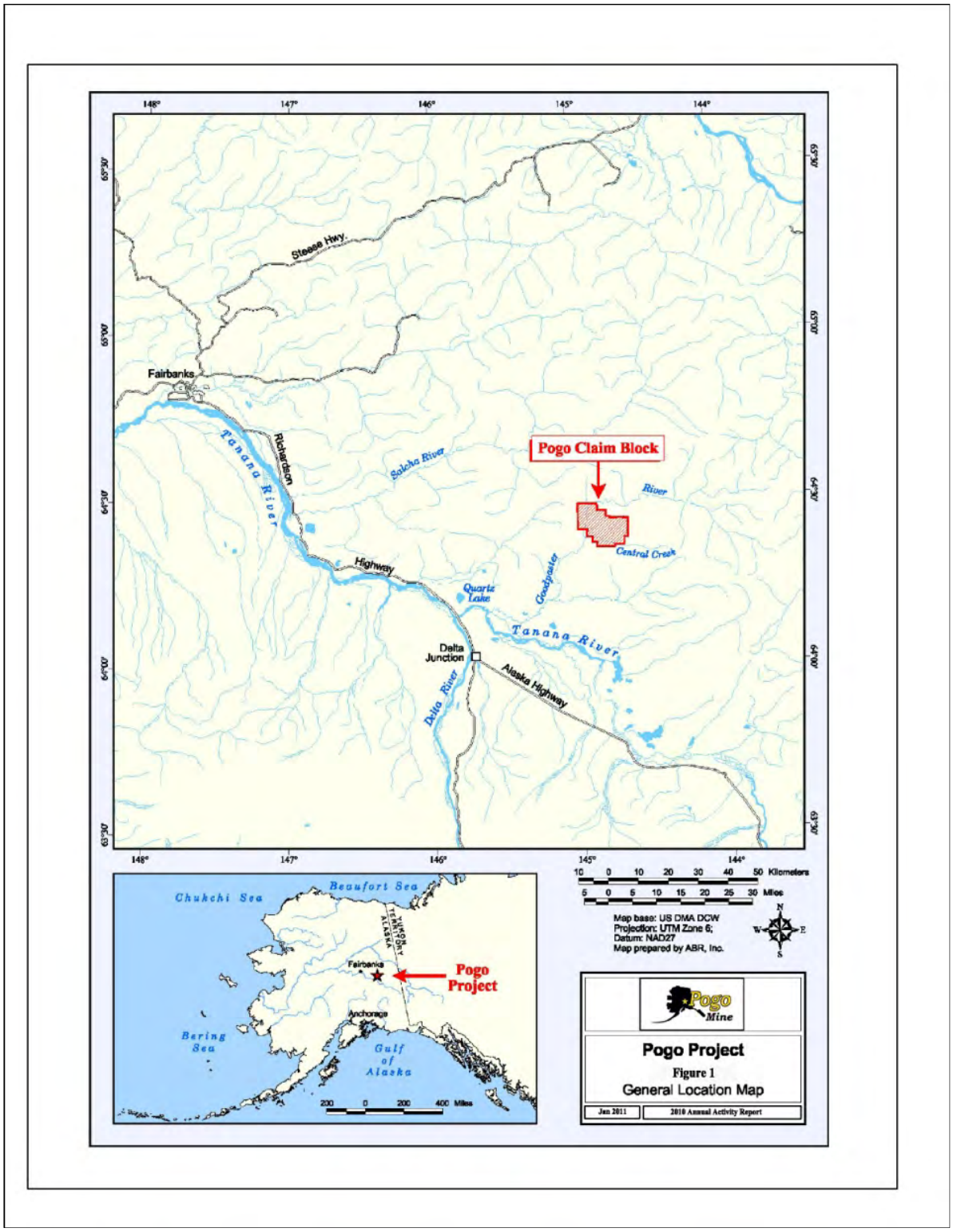


Figure 1-1: Pogo Project Area Map

Airstrip MET Station
Airstrip
Mill
1690 Portal
Upper Camp/
Admin/ MEM
Ridge MET Station
Lower
Camp
1525 Portal
1875 Portal
RTP
Drystack
0 1000 2000 3000
N
Pogo Mine
TITLE:
Location Map
Meteorological Stations
DRAWN BY: MU
DATE: July 18, 2011
SCALE: 1 : 2000
DRAWING NUMBER:
REV: 0
NOTES:

1.2 MEASUREMENT METHODS TABLE

Table 1-1 lists each meteorological parameter measured at the Pogo meteorological monitoring stations. The table includes the sensor manufacturer and model number, accuracy, sampling frequency, and sample averaging period. All instruments meet or exceed the EPA PSD requirements for range accuracies, thresholds, response times, resolution, damping ratios, and other measures of instrument performance. All data provided in this report came from the primary sensors unless there is a noted substitution of the secondary data set.

Table 1-1: Meteorological Measurement Methods

Meteorological Parameter/ Manufacturer and Model	Measurement Method	Manufacturer Specified Accuracy	EPA Required Accuracy[1]	EPA Required Resolution[1]	Detectability/ Data Completeness[1]	Sampling Frequency	Averaging Period
Wind Speed *Primary & Secondary* (RM Young 05305-AQ)	Propeller type anemometer	± 0.2 m/s	± 0.2 m/s or ± 5%	0.1 m/s	90% per monitoring quarter	1 second	1 hour
Wind Direction *Primary & Secondary* (RM Young 05305-AQ)	Precision potentiometer	± 3 degrees	± 5 degrees	1.0 degree	90% per monitoring quarter	1 second	1 hour
Ambient Temperature & Vertical Temperature Difference *Primary & Secondary* (Climatronics 100093-2)	Triple element thermistor	± 0.1°C	± 0.5°C (Ambient Temperature), ± 0.1°C (Temperature Difference)	0.1°C (Ambient Temperature) 0.02°C (Temperature Difference)	90% per monitoring quarter	1 second	1 hour
Solar Radiation *Primary* (Kipp & Zonen CMP11)	Thermopile sensing element	±2%	10 W/m^2 if interval average ≤200 W/m^2 or ±5% of observed if interval average ≥200 W/m^2	10 W/m^2	90% per monitoring quarter[2]	1 second	1 hour
Precipitation (Novalynx 260-2500E)	Tipping bucket mechanism	±1% for rainfall ≤ 3 in/hr, ±3% for rainfall ≥ 3 and ≤ 6 in/hr	±0.5 mm	0.25 mm	90% per monitoring quarter[2]	Cumulative during precipitation event	NA

[1] Referenced in *Meteorological Monitoring Guidance for Regulator Modeling Applications* (EPA-454/R-99-005). The 90 percent data completeness requirement applies to each meteorological variable separately and to the joint recovery of wind speed, wind direction and stability.

[2] The current EPA guideline dispersion model does not require this parameter; therefore, there is no completeness objective. However, every effort is made to achieve data completeness of 90 percent per monitoring quarter.

1.3 VARIATIONS FROM QAPP

There were no variations during the monitoring period from the approved procedures and criteria specified in the Pogo Monitoring Quality Assurance Project Plan (QAPP).

Table 1-2: QAPP Variation Table

Summary of QAPP Variation
During the monitoring period, there were no variations from the approved procedures and criteria specified in the Pogo Meteorological Monitoring Quality Assurance Project Plan (QAPP).

2. STATION PERFORMANCE SUMMARY

2.1 SIGNIFICANT PROJECT EVENTS

Tables 2-1 and 2-2 summarize the significant events that occurred at the PAR and PRG meteorological monitoring stations relevant to the monitoring period, respectively.

Table 2-1: Chronology of Significant Events at PAR

Date	Event
October 1, 2011	Beginning of the monitoring period summarized within this report.
October 3-4, 2011	Semi-annual calibrations and audits performed on all meteorological sensors; all passed. Technical systems audit conducted; all aspects of the monitoring program were found to be in order.
April 30, 2012	Semi-annual calibrations and audits performed on all meteorological sensors; all passed.
September 30, 2012	End of the monitoring period summarized within this report.

Table 2-2: Chronology of Significant Events at PRG

Date	Event
October 1, 2011	Beginning of the monitoring period summarized within this report.
October 3 - 4, 2011	Semi-annual calibrations and audits performed on all meteorological sensors; all passed. Technical systems audit conducted; all aspects of the monitoring program were found to be in order.
May 1, 2012	Semi-annual calibrations and audits performed on all meteorological sensors; all passed.
September 30, 2012	End of the monitoring period summarized within this report.

2.2 MISSING, INVALID AND ADJUSTED DATA

The data for the Pogo meteorological stations were carefully reviewed during the quality assurance process. Some data were removed as a result of planned site activities, including data collected during station system and performance audits and calibrations.

2.3 NETWORK DATA COMPLETENESS

Data completeness is a measure of the amount of data actually collected compared to the amount of data that could have been collected. Data completeness was calculated by dividing the number of valid hours of data by the total number of hours during the monitoring period. The data quality objective (DQO) for data completeness for meteorological data is 90 percent for per monitoring quarter.

The Pogo meteorological monitoring stations met all PSD requirements during the 2011- 2012 monitoring year. Quarterly and annual data completeness for the airstrip and ridge monitoring stations are provided in Tables 2-3 through 2-6 respectively. Fully validated data for all parameters are provided in Appendix C.

Table 2-3: PAR Meteorological Data Capture – Valid Hours per Month

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	740	740	740	740	740	740	737	744
November 2011	720	720	720	720	720	720	720	720
December 2011	744	744	744	744	744	744	744	744
1st Quarter	**2,204**	**2,204**	**2,204**	**2,204**	**2,204**	**2,204**	**2,201**	**2,208**
January 2012	744	744	744	744	744	744	744	744
February 2012	696	696	696	696	696	696	696	696
March 2012	744	744	744	744	744	744	744	744
2nd Quarter	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**
April 2012	718	718	718	716	716	716	714	720
May 2012	744	744	744	744	744	744	744	744
June 2012	720	720	720	720	720	720	720	720
3rd Quarter	**2,182**	**2,182**	**2,182**	**2,180**	**2,180**	**2,180**	**2,178**	**2,184**
July 2012	744	744	744	744	744	744	744	744
August 2012	744	744	744	744	744	744	744	744
September 2012	720	720	720	720	720	720	720	720
4th Quarter	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**
Year to Date	**8,778**	**8,778**	**8,778**	**8,776**	**8,776**	**8,776**	**8,771**	**8,784**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

Table 2-4: PAR Meteorological Data Capture – Percent Data Capture

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	99	99	99	99	99	99	99	100
November 2011	100	100	100	100	100	100	100	100
December 2011	100	100	100	100	100	100	100	100
1st Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
January 2012	100	100	100	100	100	100	100	100
February 2012	100	100	100	100	100	100	100	100
March 2012	100	100	100	100	100	100	100	100
2nd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
April 2012	100	100	100	99	99	99	99	100
May 2012	100	100	100	100	100	100	100	100
June 2012	100	100	100	100	100	100	100	100
3rd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
July 2012	100	100	100	100	100	100	100	100
August 2012	100	100	100	100	100	100	100	100
September 2012	100	100	100	100	100	100	100	100
4th Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Year to Date	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

Table 2-5: PRG Meteorological Data Capture – Valid Hours per Month

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	740	740	740	738	738	738	739	743
November 2011	720	720	720	720	720	720	720	720
December 2011	744	744	744	744	744	744	744	744
1st Quarter	**2,204**	**2,204**	**2,204**	**2,202**	**2,202**	**2,202**	**2,203**	**2,207**
January 2012	744	744	744	744	744	744	744	744
February 2012	696	696	696	696	696	696	696	696
March 2012	744	744	744	744	744	744	744	744
2nd Quarter	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**	**2,184**
April 2012	720	720	720	720	720	720	720	720
May 2012	742	742	742	741	741	741	737	744
June 2012	720	720	720	720	720	720	720	720
3rd Quarter	**2,182**	**2,182**	**2,182**	**2,181**	**2,181**	**2,181**	**2,177**	**2,184**
July 2012	744	744	744	744	744	744	744	744
August 2012	744	744	744	744	744	744	744	744
September 2012	720	720	720	720	720	720	720	720
4th Quarter	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**	**2,208**
Year to Date	**8,778**	**8,778**	**8,778**	**8,775**	**8,775**	**8,775**	**8,772**	**8,783**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

Table 2-6: PRG Meteorological Data Capture – Percent Data Capture

Period	Meteorological Parameters – Data Recovery[1]							
	2-M Temp	10-M Temp	Delta Temp	Wind Speed	Wind Direction	Wind Sigma Theta	Precipitation	Solar Radiation
October 2011	99	99	99	99	99	99	99	99
November 2011	100	100	100	100	100	100	100	100
December 2011	100	100	100	100	100	100	100	100
1st Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
January 2012	100	100	100	100	100	100	100	100
February 2012	100	100	100	100	100	100	100	100
March 2012	100	100	100	100	100	100	100	100
2nd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
April 2012	100	100	100	100	100	100	100	100
May 2012	100	100	100	100	100	100	100	100
June 2012	100	100	100	100	100	100	100	100
3rd Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
July 2012	100	100	100	100	100	100	100	100
August 2012	100	100	100	100	100	100	100	100
September 2012	100	100	100	100	100	100	100	100
4th Quarter	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Year to Date	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

[1] EPA PSD-quality meteorological monitoring standards require data capture of 90 percent or greater per quarter for four consecutive quarters.

2.4 ACCURACY STATISTICS

The meteorological monitoring systems are subjected to periodic calibrations and quality assurance performance audits. All calibration and audit equipment are documented as traceable to authoritative standards. The purpose of these calibration and audit checks is to challenge the monitoring systems with known inputs or collocate traceable authoritative standards with them to verify that each instrument response is accurate to within established tolerances.

2.4.1 INSTRUMENT CALIBRATION STATISTICS

A station calibration involves reading the data acquisition system (DAS) output for each meteorological sensor and comparing the value with input from appropriate calibration equipment or from calibrated instruments collocated with the sensor. For each reading, the difference between the station value and the predicted value is compared with established PSD limits to assess the accuracy of the sensor. The results of the station calibrations are presented below in Tables 2-7 through 2-10.

Table 2-7: October 3, 2011 PAR Meteorological Calibration Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	-00:25	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	-0.20	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	-0.12	Pass
Air Temperature Difference	≤ ±0.10	°C	0.09	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤ 0.014	oz-in	0.008	Pass
Wind Direction Alignment	≤ ±5	Degree	2.1	Pass
Wind Direction Accuracy	≤ ±5	Degree	-1.5	Pass
Wind Direction Linearity	≤ ±3	Degree	0.8	Pass
Wind Direction Torque	≤ 0.153	oz-in	0.090	Pass
Precipitation	≤ ±10	% input	-6.2	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	1.3	Pass

Table 2-8: April 30, 2012 PAR Meteorological Calibration Summary

Parameter	**Limit**	**Units**	**Max Error**	**Status**
Time	≤ ±5	mm:ss	00:22	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	0.16	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	0.18	Pass
Air Temperature Difference	≤ ±0.10	°C	-0.03	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤1.0	g-cm	0.200	Pass
Wind Direction Alignment	≤ ±5	Degree	4.1	Pass
Wind Direction Accuracy	≤ ±5	Degree	1.7	Pass
Wind Direction Linearity	≤ ±3	Degree	0.7	Pass
Wind Direction Torque	≤11.0	g-cm	4.000	Pass
Precipitation	≤ ±10	% input	7.1	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	3.9	Pass

Table 2-9: October 4, 2011 PRG Meteorological Calibration Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	-00:25	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	0.40	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	0.34	Pass
Air Temperature Difference	≤ ±0.10	°C	0.08	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤ 0.014	oz-in	0.005	Pass
Wind Direction Alignment	≤ ±5	Degree	-1.3	Pass
Wind Direction Accuracy	≤ ±5	Degree	-1.8	Pass
Wind Direction Linearity	≤ ±3	Degree	0.7	Pass
Wind Direction Torque	≤ 0.153	oz-in	0.060	Pass
Precipitation	≤ ±10	% input	8.7	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	0.3	Pass

Table 2-10: May 1, 2012 PRG Meteorological Calibration Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	00:34	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	-0.37	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	-0.40	Pass
Air Temperature Difference	≤ ±0.10	°C	-0.06	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤1.0	g-cm	0.200	Pass
Wind Direction Alignment	≤ ±5	Degree	-1.7	Pass
Wind Direction Accuracy	≤ ±5	Degree	2.4	Pass
Wind Direction Linearity	≤ ±3	Degree	0.8	Pass
Wind Direction Torque	≤ 0.153	oz-in	0.080	Pass
Precipitation	≤ ±10	% input	-7.3	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	4.5	Pass

2.4.2 INDEPENDENT QUALITY ASSURANCE AUDITS

Performance audits were performed at the Pogo monitoring stations on October 3 and 4, 2011, April 30, 2012, and May 1, 2012. The meteorological performance audit involves challenging the sensors with known inputs or by using calibrated instruments collocated with the sensor. For each reading, the difference between the station value and the expected value is compared with established PSD limits to assess the accuracy of the sensor. The results of the meteorological analyzer performance audits are presented in Tables 2-11 through 2-14. All meteorological sensors met meteorological audit acceptance criteria.

Table 2-11: October 3, 2011 PAR Performance Audit Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	-00:25	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	-0.30	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	-0.21	Pass
Air Temperature Difference	≤ ±0.10	°C	0.09	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤ 1.0	g-cm	0.5	Pass
Wind Direction Alignment	≤ ±5	Degree	2.8	Pass
Wind Direction Accuracy	≤ ±5	Degree	1.9	Pass
Wind Direction Linearity	≤ ±3	Degree	1.1	Pass
Wind Direction Torque	≤ 11.0	g-cm	7.0	Pass
Precipitation	≤ ±10	% input	-6.2	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	0.6	Pass

Table 2-12: April 30, 2012 PAR Performance Audit Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	00:23	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	0.21	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	0.23	Pass
Air Temperature Difference	≤ ±0.10	°C	0.03	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤ 1.0	g-cm	0.2	Pass
Wind Direction Alignment	≤ ±5	Degree	2.4	Pass
Wind Direction Accuracy	≤ ±5	Degree	2.4	Pass
Wind Direction Linearity	≤ ±3	Degree	0.8	Pass
Wind Direction Torque	≤ 11.0	g-cm	4.0	Pass
Precipitation	≤ ±10	% input	8.8	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	4.4	Pass

Table 2-13: October 4, 2011 PRG Performance Audit Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	-00:25	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	0.40	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	0.34	Pass
Air Temperature Difference	≤ ±0.10	°C	0.08	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤ 0.014	oz-in	0.005	Pass
Wind Direction Alignment	≤ ±5	Degree	1.3	Pass
Wind Direction Accuracy	≤ ±5	Degree	1.8	Pass
Wind Direction Linearity	≤ ±3	Degree	0.7	Pass
Wind Direction Torque	≤ 0.153	oz-in	0.060	Pass
Precipitation	≤ ±10	% input	-8.7	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	0.9	Pass

Table 2-14: May 1, 2012 PRG Performance Audit Summary

Parameter	Limit	Units	Max Error	Status
Time	≤ ±5	mm:ss	00:25	Pass
2-m Temperature Accuracy	≤ ±0.50	°C	0.36	Pass
10-m Temperature Accuracy	≤ ±0.50	°C	0.36	Pass
Air Temperature Difference	≤ ±0.10	°C	0.06	Pass
Wind Speed Accuracy	≤ ±0.20 ± 5% known input	m/s	0.00	Pass
Wind Speed Torque	≤ 1.0	g-cm	0.2	Pass
Wind Direction Alignment	≤ ±5	Degree	1.7	Pass
Wind Direction Accuracy	≤ ±5	Degree	2.1	Pass
Wind Direction Linearity	≤ ±3	Degree	0.8	Pass
Wind Direction Torque	≤ 11.0	g-cm	5.0	Pass
Precipitation	≤ ±10	% input	9.0	Pass
Solar Radiation Accuracy	≤ ±10	W/m^2	4.4	Pass

3. MONITORING DATA NETWORK SUMMARY

3.1 AIR QUALITY DATA SUMMARY

Not applicable.

3.2 METEOROLOGICAL DATA SUMMARY

3.2.1 WIND SPEED (WS) AND WIND DIRECTION (WD) CLIMATOLOGY

Tables 3-1 and 3-7 provide the mean and maximum hourly wind speeds measured at the Pogo airstrip and ridge stations, respectively. The mean and maximum hourly wind speeds at the nearby Allen Army Airfield in Delta Junction, Alaska are included as well for comparison purposes. The Allen Army Airfield is located approximately 40 miles southwest of the Pogo monitoring stations. Figures 3-1 through 3-4 provide quarterly and annual wind roses for the Pogo meteorological stations for the 2011-2012 monitoring year. Tables 3-2 through 3-6 and Table 3-8 through 3-12 provide corresponding wind rose analysis tables. Figure 3-5 provides the wind roses superimposed over a Pogo Mine area map, each centered at the approximate location of the respective monitoring stations.

Table 3-1: Average & Maximum Wind Speeds at PAR

Monitoring Period	Mean Hourly Average Wind Speed at the Airstrip Station (m/s)	Mean Hourly Average Wind Speed at the Allen Army Airfield (m/s)	Maximum Hourly Average Wind Speed at the Airstrip Station (m/s)	Maximum Hourly Average Wind Speed at the Allen Army Airfield (m/s)
1st Quarter	1.53	3.5	7.43	23.1
2nd Quarter	2.12	4.1	12.29	20.1
3rd Quarter	1.82	3.5	7.48	17.5
4th Quarter	1.45	4.4	6.94	21.1
Year to Date	**1.73**	**3.9**	**12.29**	**23.1**

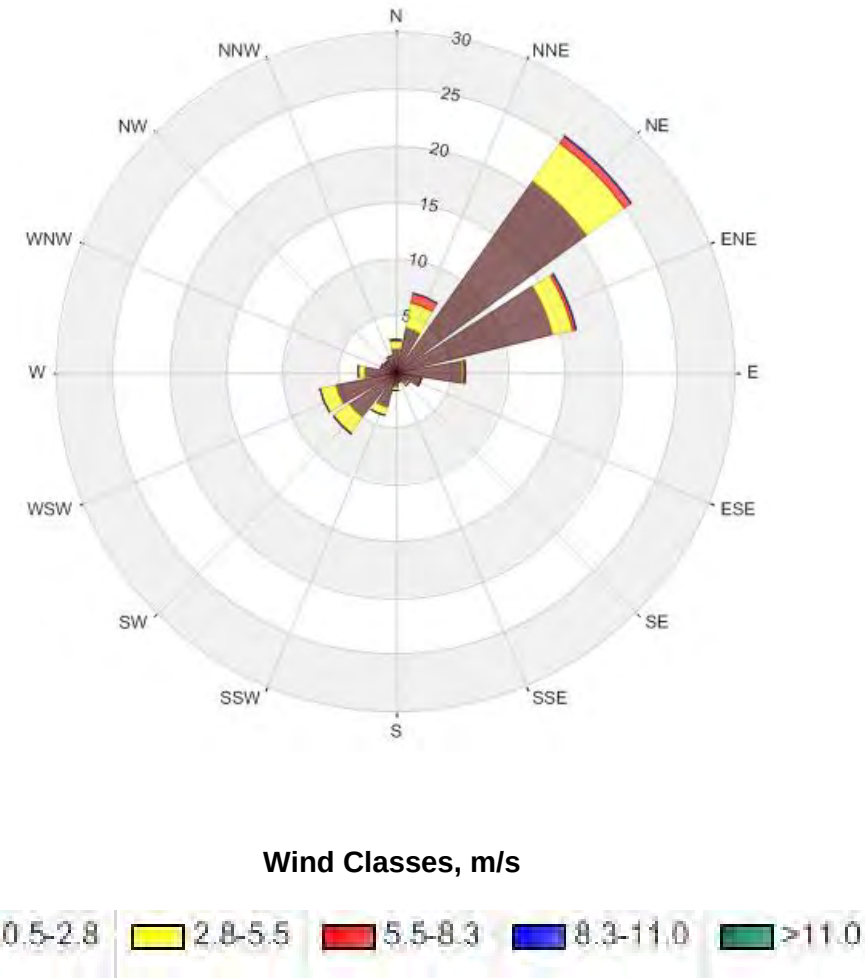
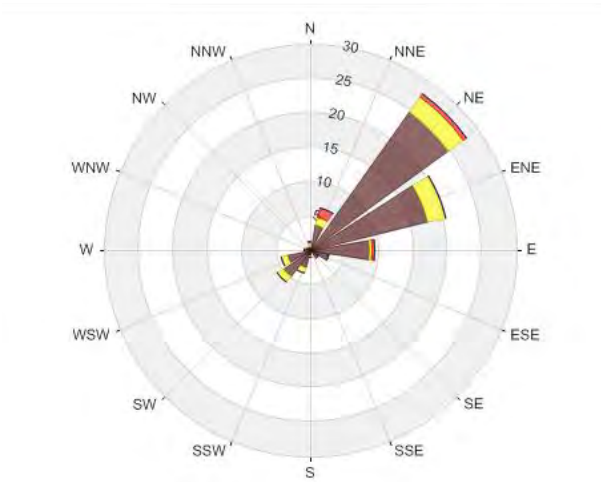
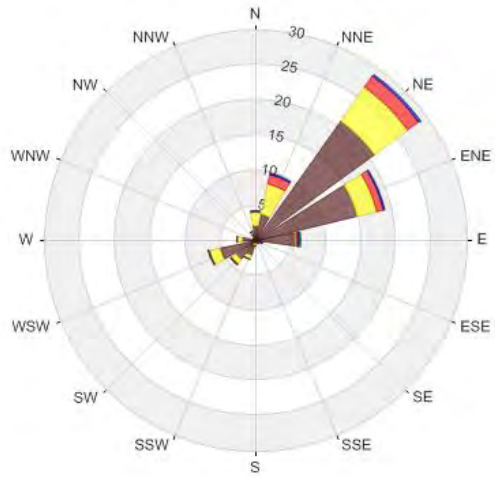


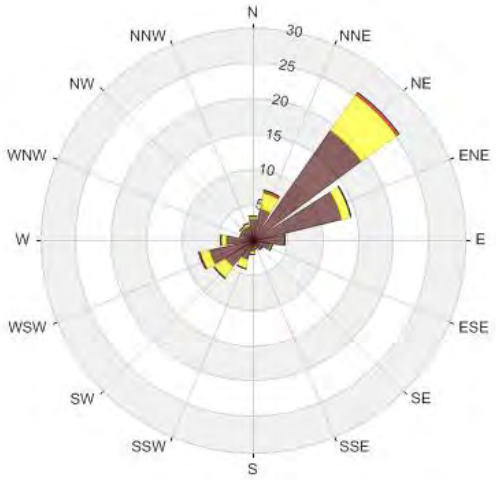
Figure 3-1: PAR Annual Wind Rose



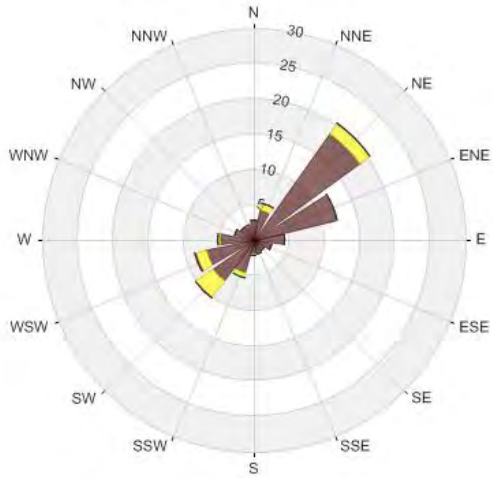
1st QUARTER (10/1/11 – 12/31/11)



2nd QUARTER (1/1/12 – 3/31/12)



3rd Quarter (4/1/12 – 6/30/12)



4th Quarter (7/1/12 – 9/30/12)

Figure 3-2: PAR Quarterly Wind Roses

Table 3-2: PAR Annual Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	2.10	0.73	0.10	0.00	0.00	**2.93**
NNE	4.09	2.21	0.81	0.05	0.00	**7.16**
NE	20.82	4.11	0.74	0.06	0.00	**25.73**
ENE	14.39	1.74	0.27	0.06	0.00	**16.46**
E	5.89	0.24	0.09	0.05	0.03	**6.30**
ESE	2.37	0.05	0.00	0.00	0.00	**2.42**
SE	1.48	0.03	0.00	0.00	0.00	**1.51**
SSE	0.97	0.06	0.00	0.00	0.00	**1.03**
S	1.36	0.31	0.00	0.00	0.00	**1.67**
SSW	3.21	0.82	0.01	0.00	0.00	**4.04**
SW	5.01	1.70	0.08	0.00	0.00	**6.79**
WSW	5.44	1.37	0.05	0.00	0.00	**6.86**
W	2.79	0.49	0.00	0.00	0.00	**3.28**
WNW	1.29	0.09	0.00	0.00	0.00	**1.38**
NW	1.19	0.03	0.00	0.00	0.00	**1.22**
NNW	1.37	0.15	0.00	0.00	0.00	**1.52**
Summary	**73.77**	**14.13**	**2.15**	**0.22**	**0.03**	**90.30**

[1] The remaining 9.70 percent of data are calms (< 0.5 m/s).

Table 3-3: PAR First Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	0.45	0.54	0.18	0.00	0.00	**1.17**
NNE	3.72	1.18	1.41	0.00	0.00	**6.31**
NE	24.77	2.68	0.59	0.00	0.00	**28.04**
ENE	17.65	2.59	0.09	0.00	0.00	**20.33**
E	8.62	0.54	0.23	0.00	0.00	**9.39**
ESE	2.90	0.05	0.00	0.00	0.00	**2.95**
SE	1.59	0.05	0.00	0.00	0.00	**1.64**
SSE	0.45	0.00	0.00	0.00	0.00	**0.45**
S	1.04	0.09	0.00	0.00	0.00	**1.13**
SSW	2.68	0.82	0.00	0.00	0.00	**3.50**
SW	4.76	1.09	0.00	0.00	0.00	**5.85**
WSW	3.45	0.91	0.00	0.00	0.00	**4.36**
W	0.86	0.05	0.00	0.00	0.00	**0.91**
WNW	0.54	0.00	0.00	0.00	0.00	**0.54**
NW	0.23	0.00	0.00	0.00	0.00	**0.23**
NNW	0.36	0.00	0.00	0.00	0.00	**0.36**
Summary	**74.07**	**10.59**	**2.50**	**0.00**	**0.00**	**87.16**

[1] The remaining 12.84 percent of data are calms (< 0.5 m/s).

Table 3-4: PAR Second Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	2.06	1.92	0.23	0.00	0.00	**4.21**
NNE	3.80	4.35	1.42	0.18	0.00	**9.75**
NE	20.88	5.91	1.92	0.23	0.00	**28.94**
ENE	14.84	2.93	0.96	0.23	0.00	**18.96**
E	5.82	0.27	0.14	0.18	0.14	**6.55**
ESE	1.19	0.05	0.00	0.00	0.00	**1.24**
SE	0.78	0.00	0.00	0.00	0.00	**0.78**
SSE	0.27	0.00	0.00	0.00	0.00	**0.27**
S	0.60	0.41	0.00	0.00	0.00	**1.01**
SSW	2.29	0.64	0.05	0.00	0.00	**2.98**
SW	3.43	0.82	0.14	0.00	0.00	**4.39**
WSW	5.13	1.60	0.05	0.00	0.00	**6.78**
W	1.83	0.69	0.00	0.00	0.00	**2.52**
WNW	0.27	0.00	0.00	0.00	0.00	**0.27**
NW	0.27	0.05	0.00	0.00	0.00	**0.32**
NNW	1.05	0.18	0.00	0.00	0.00	**1.23**
Summary	**64.51**	**19.82**	**4.91**	**0.82**	**0.14**	**90.20**

[1] The remaining 9.80 percent of data are calms (< 0.5 m/s).

Table 3-5: PAR Third Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	3.07	0.37	0.00	0.00	0.00	**3.44**
NNE	4.59	2.34	0.32	0.00	0.00	**7.25**
NE	19.04	6.19	0.41	0.00	0.00	**25.64**
ENE	12.94	1.38	0.05	0.00	0.00	**14.37**
E	4.63	0.09	0.00	0.00	0.00	**4.72**
ESE	2.75	0.09	0.00	0.00	0.00	**2.84**
SE	1.70	0.00	0.00	0.00	0.00	**1.70**
SSE	1.10	0.18	0.00	0.00	0.00	**1.28**
S	1.70	0.46	0.00	0.00	0.00	**2.16**
SSW	2.98	1.19	0.00	0.00	0.00	**4.17**
SW	4.72	1.88	0.09	0.00	0.00	**6.69**
WSW	6.38	1.28	0.09	0.00	0.00	**7.75**
W	3.81	0.78	0.00	0.00	0.00	**4.59**
WNW	1.61	0.28	0.00	0.00	0.00	**1.89**
NW	2.11	0.09	0.00	0.00	0.00	**2.20**
NNW	2.06	0.28	0.00	0.00	0.00	**2.34**
Summary	**75.19**	**16.88**	**0.96**	**0.00**	**0.00**	**93.03**

[1] The remaining 6.97 percent of data are calms (< 0.5 m/s).

Table 3-6: PAR Fourth Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	**Speed (m/s)**					
	0.5-2.8	**2.8-5.5**	**5.5-8.3**	**8.3-11.0**	**>11.0**	**Total**
N	2.81	0.09	0.00	0.00	0.00	**2.90**
NNE	4.26	1.00	0.09	0.00	0.00	**5.35**
NE	18.57	1.72	0.05	0.00	0.00	**20.34**
ENE	12.14	0.09	0.00	0.00	0.00	**12.23**
E	4.48	0.05	0.00	0.00	0.00	**4.53**
ESE	2.63	0.00	0.00	0.00	0.00	**2.63**
SE	1.86	0.09	0.00	0.00	0.00	**1.95**
SSE	2.04	0.05	0.00	0.00	0.00	**2.09**
S	2.08	0.27	0.00	0.00	0.00	**2.35**
SSW	4.89	0.63	0.00	0.00	0.00	**5.52**
SW	7.11	2.99	0.09	0.00	0.00	**10.19**
WSW	6.79	1.68	0.05	0.00	0.00	**8.52**
W	4.66	0.45	0.00	0.00	0.00	**5.11**
WNW	2.72	0.09	0.00	0.00	0.00	**2.81**
NW	2.13	0.00	0.00	0.00	0.00	**2.13**
NNW	1.99	0.14	0.00	0.00	0.00	**2.13**
Summary	**81.16**	**9.34**	**0.28**	**0.00**	**0.00**	**90.78**

[1] The remaining 9.22 percent of data are calms (< 0.5 m/s).

Table 3-7: Average & Maximum Wind Speeds at PRG

Monitoring Period	Mean Hourly Average Wind Speed at the Airstrip Station (m/s)	Mean Hourly Average Wind Speed at the Allen Army Airfield (m/s)	Maximum Hourly Average Wind Speed at the Airstrip Station (m/s)	Maximum Hourly Average Wind Speed at the Allen Army Airfield (m/s)
1st Quarter	2.31	3.5	14.25	23.1
2nd Quarter	2.84	4.1	14.24	20.1
3rd Quarter	2.60	3.5	10.57	17.5
4th Quarter	2.15	4.4	12.12	21.1
Year to Date	**2.46**	**3.9**	**14.25**	**23.1**

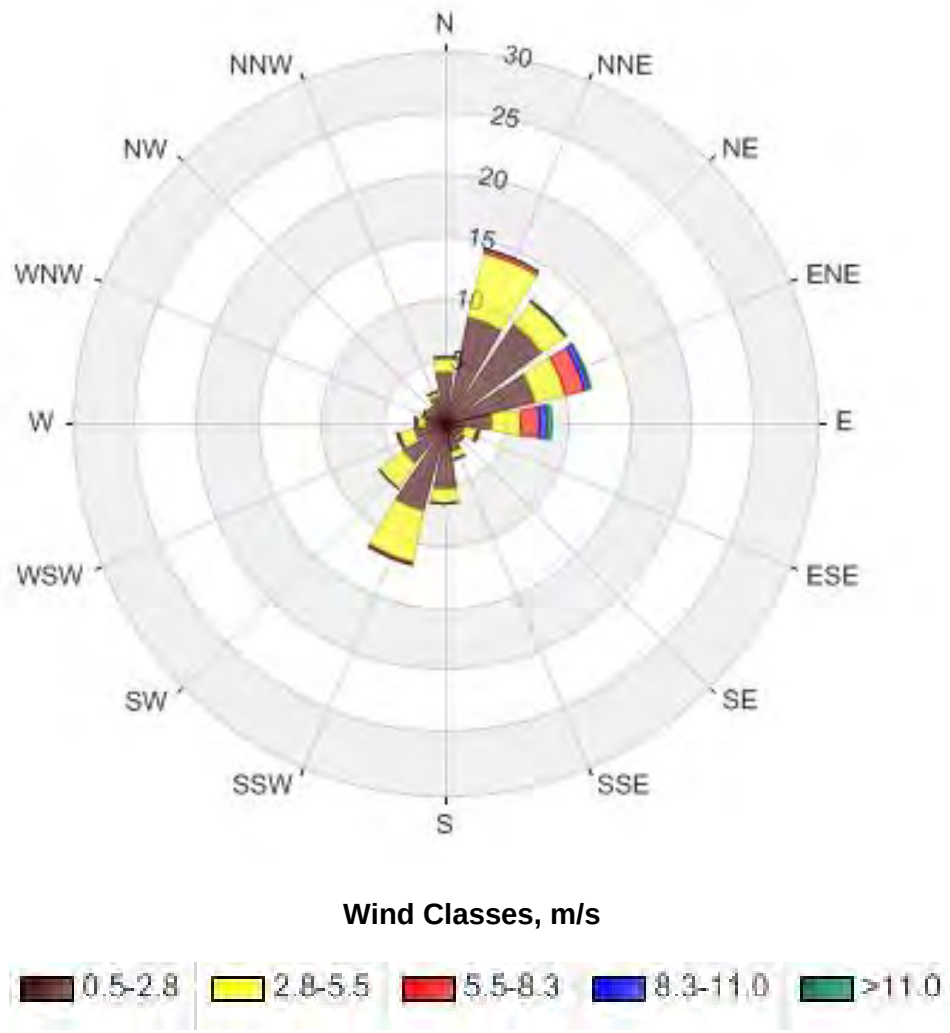
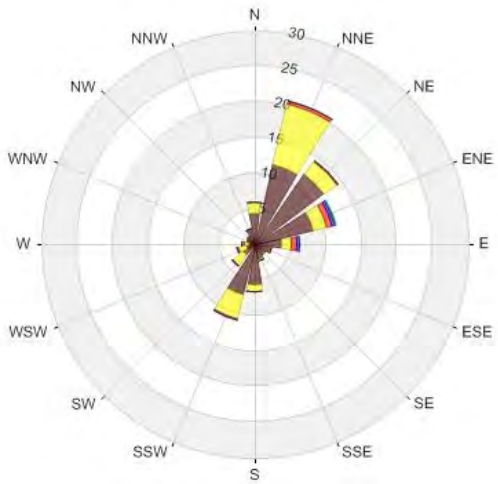
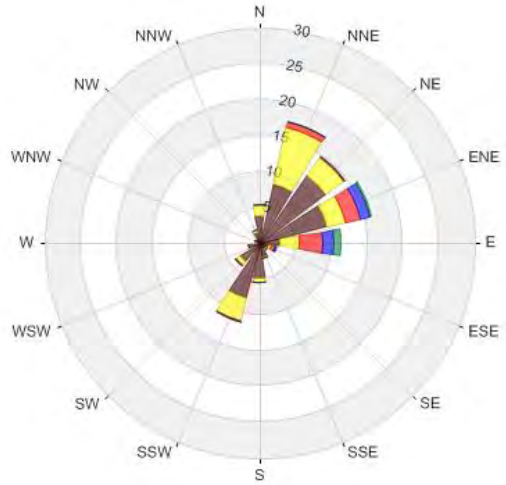


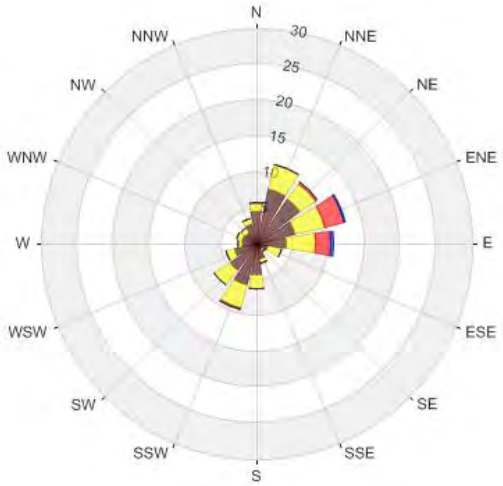
Figure 3-3: PRG Annual Wind Rose



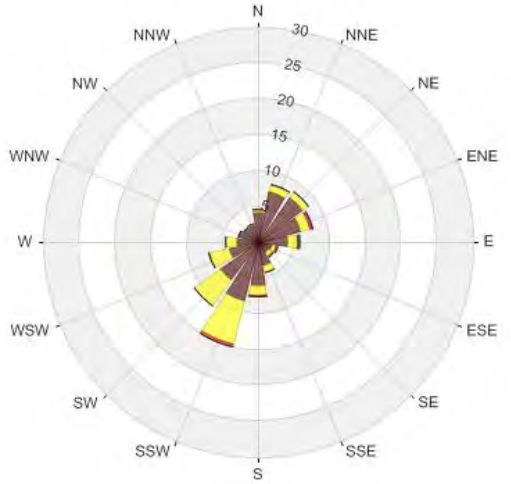
1st Quarter (10/1/11 – 12/31/11)



2nd Quarter (1/1/12 –3/31/12)



3rd Quarter (4/1/12 – 6/30/12)



4th Quarter (7/1/12 – 9/30/12)

Figure 3-4: PRG Quarterly Wind Roses

Table 3-8: PRG Annual Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	4.16	1.24	0.00	0.00	0.00	**5.40**
NNE	8.72	5.32	0.36	0.00	0.00	**14.40**
NE	9.70	2.22	0.17	0.00	0.01	**12.10**
ENE	7.52	2.51	1.50	0.50	0.11	**12.14**
E	3.89	2.29	1.57	0.60	0.28	**8.63**
ESE	1.83	0.82	0.22	0.01	0.00	**2.88**
SE	1.52	0.30	0.05	0.00	0.00	**1.87**
SSE	2.61	0.42	0.01	0.00	0.00	**3.04**
S	5.36	1.23	0.02	0.00	0.00	**6.61**
SSW	7.43	4.11	0.22	0.00	0.00	**11.76**
SW	4.13	2.36	0.08	0.00	0.00	**6.57**
WSW	2.55	1.28	0.05	0.00	0.00	**3.88**
W	1.60	0.64	0.11	0.02	0.00	**2.37**
WNW	1.60	0.19	0.00	0.00	0.00	**1.79**
NW	1.48	0.17	0.00	0.00	0.00	**1.65**
NNW	2.18	0.39	0.00	0.00	0.00	**2.57**
Summary	**66.28**	**25.49**	**4.36**	**1.13**	**0.40**	**97.66**

[1] The remaining 2.34 percent of data are calms (< 0.5 m/s)

Table 3-9: PRG First Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	4.27	1.59	0.00	0.00	0.00	**5.86**
NNE	11.44	8.72	0.54	0.00	0.00	**20.70**
NE	12.03	2.27	0.14	0.00	0.05	**14.49**
ENE	8.45	1.95	0.82	0.36	0.18	**11.76**
E	3.95	1.23	0.86	0.27	0.14	**6.45**
ESE	2.23	0.27	0.09	0.00	0.00	**2.59**
SE	1.68	0.27	0.00	0.00	0.00	**1.95**
SSE	2.36	0.14	0.00	0.00	0.00	**2.50**
S	5.77	1.04	0.00	0.00	0.00	**6.81**
SSW	7.27	3.54	0.14	0.00	0.00	**10.95**
SW	1.95	1.91	0.05	0.00	0.00	**3.91**
WSW	1.27	1.09	0.18	0.00	0.00	**2.54**
W	0.91	0.45	0.45	0.09	0.00	**1.90**
WNW	1.00	0.00	0.00	0.00	0.00	**1.00**
NW	1.23	0.00	0.00	0.00	0.00	**1.23**
NNW	2.13	0.14	0.00	0.00	0.00	**2.27**
Summary	**67.94**	**24.61**	**3.27**	**0.72**	**0.37**	**96.91**

[1] The remaining 3.09 percent of data are calms (< 0.5 m/s)

Table 3-10: PRG Second Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	3.71	1.65	0.00	0.00	0.00	**5.36**
NNE	8.42	8.06	0.87	0.00	0.00	**17.35**
NE	11.45	3.07	0.27	0.00	0.00	**14.79**
ENE	9.71	2.61	2.11	1.37	0.27	**16.07**
E	2.98	2.66	3.25	1.60	0.96	**11.45**
ESE	1.28	0.37	0.73	0.05	0.00	**2.43**
SE	1.14	0.14	0.00	0.00	0.00	**1.28**
SSE	2.20	0.14	0.00	0.00	0.00	**2.34**
S	5.04	0.60	0.00	0.00	0.00	**5.64**
SSW	7.97	3.34	0.05	0.00	0.00	**11.36**
SW	3.34	0.55	0.18	0.00	0.00	**4.07**
WSW	1.56	0.05	0.00	0.00	0.00	**1.61**
W	0.32	0.00	0.00	0.00	0.00	**0.32**
WNW	0.64	0.00	0.00	0.00	0.00	**0.64**
NW	0.50	0.00	0.00	0.00	0.00	**0.50**
NNW	1.37	0.41	0.00	0.00	0.00	**1.78**
Summary	**61.63**	**23.65**	**7.46**	**3.02**	**1.23**	**96.99**

[1] The remaining 3.01 percent of data are calms (< 0.5 m/s)

Table 3-11: PRG Third Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	Speed (m/s)					
	0.5-2.8	2.8-5.5	5.5-8.3	8.3-11.0	>11.0	Total
N	4.49	1.28	0.00	0.00	0.00	**5.77**
NNE	7.75	3.53	0.00	0.00	0.00	**11.28**
NE	7.57	2.61	0.28	0.00	0.00	**10.46**
ENE	5.69	4.17	2.75	0.18	0.00	**12.79**
E	4.26	4.08	2.02	0.41	0.00	**10.77**
ESE	1.74	1.97	0.00	0.00	0.00	**3.71**
SE	1.24	0.18	0.14	0.00	0.00	**1.56**
SSE	2.29	0.60	0.05	0.00	0.00	**2.94**
S	4.45	1.88	0.00	0.00	0.00	**6.33**
SSW	5.96	3.35	0.23	0.00	0.00	**9.54**
SW	4.63	2.57	0.05	0.00	0.00	**7.25**
WSW	3.21	1.15	0.00	0.00	0.00	**4.36**
W	2.11	0.55	0.00	0.00	0.00	**2.66**
WNW	2.02	0.73	0.00	0.00	0.00	**2.75**
NW	1.83	0.69	0.00	0.00	0.00	**2.52**
NNW	2.75	0.78	0.00	0.00	0.00	**3.53**
Summary	**61.99**	**30.12**	**5.52**	**0.59**	**0.00**	**98.22**

[1] The remaining 1.78 percent of data are calms (< 0.5 m/s)

Table 3-12: PRG Fourth Quarter Wind Rose Frequency Distribution Percentage

Frequency Distribution (Percent)						
Direction	**Speed (m/s)**					
	0.5-2.8	**2.8-5.5**	**5.5-8.3**	**8.3-11.0**	**>11.0**	**Total**
N	4.17	0.45	0.00	0.00	0.00	**4.62**
NNE	7.25	1.00	0.05	0.00	0.00	**8.30**
NE	7.74	0.95	0.00	0.00	0.00	**8.69**
ENE	6.25	1.31	0.36	0.09	0.00	**8.01**
E	4.35	1.22	0.18	0.14	0.05	**5.94**
ESE	2.08	0.68	0.05	0.00	0.00	**2.81**
SE	1.99	0.59	0.05	0.00	0.00	**2.63**
SSE	3.58	0.82	0.00	0.00	0.00	**4.40**
S	6.16	1.40	0.09	0.00	0.00	**7.65**
SSW	8.51	6.20	0.45	0.00	0.00	**15.16**
SW	6.57	4.39	0.05	0.00	0.00	**11.01**
WSW	4.17	2.81	0.00	0.00	0.00	**6.98**
W	3.03	1.54	0.00	0.00	0.00	**4.57**
WNW	2.72	0.05	0.00	0.00	0.00	**2.77**
NW	2.36	0.00	0.00	0.00	0.00	**2.36**
NNW	2.45	0.23	0.00	0.00	0.00	**2.68**
Summary	**73.38**	**23.64**	**1.28**	**0.23**	**0.05**	**98.58**

[1] The remaining 1.42 percent of data are calms (< 0.5 m/s)

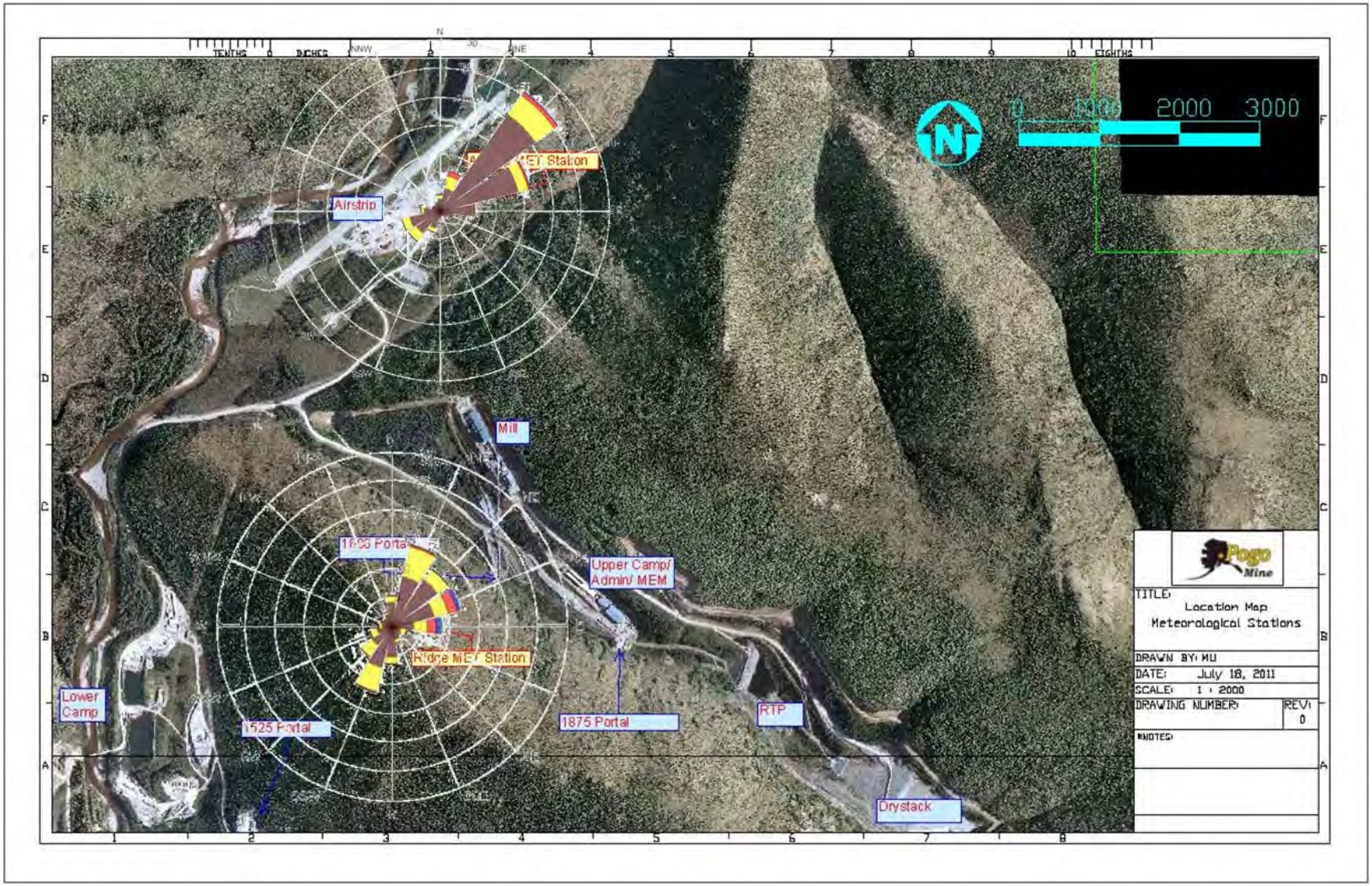


Figure 3-5: PAR and PRG Wind Roses Superimposed on Area Map

3.2.2 TEMPERATURE CLIMATOLOGY

Tables 3-13 and 3-14 give the maximum and minimum daily mean temperatures and mean, maximum, and minimum hourly average temperatures for the 2-meter and 10-meter temperature measurements, respectively, at the Pogo airstrip station. Tables 3-15 and 3-16 give the maximum and minimum daily mean temperatures and mean, maximum, and minimum hourly average temperatures for the 2-meter and 10-meter temperature measurements, respectively, at the Pogo ridge station.

Figures 3-6 and 3-7 provide graphs of the 2-meter and 10-meter hourly average temperatures at the PAR and PRG meteorological stations, respectively. Data from the Allen Army Airfield meteorological station are also included on these graphs for comparison purposes. Figures 3-8 and 3-9 provide graphs of the vertical temperature difference (the difference between 10-meter and 2-meter temperature values) for the 2011-2012 monitoring year at the two meteorological stations.

Table 3-13: PAR 2-Meter Temperature Summary

Period	Maximum Daily Mean Temperature (°C)	Minimum Daily Mean Temperature (°C)	Mean Hourly Temperature (°C)	Maximum Hourly Temperature (°C)	Minimum Hourly Temperature (°C)
October 2011	6.0	-16.5	-3.5	10.3	-22.0
November 2011	-5.7	-38.5	-22.0	-4.9	-41.5
December 2011	0.3	-35.0	-14.2	7.8	-37.6
1st Quarter	**6.0**	**-38.5**	**-13.2**	**10.3**	**-41.5**
January 2012	-17.2	-44.3	-30.2	-11.1	-46.8
February 2012	-1.7	-22.3	-10.1	2.9	-30.2
March 2012	1.2	-23.0	-12.9	7.5	-34.0
2nd Quarter	**1.2**	**-44.3**	**-17.9**	**7.5**	**-46.8**
April 2012	6.4	-8.1	2.6	13.8	-20.7
May 2012	13.2	-2.8	6.8	18.4	-8.5
June 2012	19.1	7.4	13.5	27.3	2.5
3rd Quarter	**19.1**	**-8.1**	**7.6**	**27.3**	**-20.7**
July 2012	18.1	10.1	13.8	26.6	0.4
August 2012	15.6	6.1	11.6	24.5	-2.5
September 2012	13.5	1.0	6.6	20.7	-3.6
4th Quarter	**18.1**	**1.0**	**10.7**	**26.6**	**-3.6**
Year to Date	**19.1**	**-44.3**	**-3.2**	**27.3**	**-46.8**

Table 3-14: PAR 10-Meter Temperature Summary

Period	Maximum Daily Mean Temperature (°C)	Minimum Daily Mean Temperature (°C)	Mean Hourly Temperature (°C)	Maximum Hourly Temperature (°C)	Minimum Hourly Temperature (°C)
October 2011	6.8	-15.4	-3.0	10.4	-20.2
November 2011	-5.7	-37.4	-21.2	-4.9	-40.1
December 2011	1.6	-34.5	-13.6	8.8	-36.9
1st Quarter	**6.8**	**-37.4**	**-12.6**	**10.4**	**-40.1**
January 2012	-15.2	-42.6	-29.3	-10.4	-44.6
February 2012	-1.5	-21.5	-9.3	3.2	-28.1
March 2012	1.6	-22.3	-12.5	7.5	-31.5
2nd Quarter	**1.6**	**-42.6**	**-17.2**	**7.5**	**-44.6**
April 2012	6.8	-7.6	2.9	13.5	-19.0
May 2012	13.4	-3.0	6.8	18.0	-7.5
June 2012	19.0	7.2	13.4	26.5	2.7
3rd Quarter	**19.0**	**-7.6**	**7.7**	**26.5**	**-19.0**
July 2012	18.0	10.1	13.7	26.0	0.6
August 2012	15.5	6.1	11.7	24.1	-1.8
September 2012	14.4	0.8	7.0	20.8	-3.3
4th Quarter	**18.0**	**0.8**	**10.8**	**26.0**	**-3.3**
Year to Date	**19.0**	**-42.6**	**-2.8**	**26.5**	**-44.6**

Table 3-15: PRG 2-Meter Temperature Summary

Period	Maximum Daily Mean Temperature (°C)	Minimum Daily Mean Temperature (°C)	Mean Hourly Temperature (°C)	Maximum Hourly Temperature (°C)	Minimum Hourly Temperature (°C)
October 2011	6.2	-14.1	-3.0	8.9	-16.1
November 2011	-7.7	-31.4	-19.0	-4.4	-32.4
December 2011	2.3	-30.9	-12.3	7.4	-32.6
1st Quarter	**6.2**	**-31.4**	**-11.4**	**8.9**	**-32.6**
January 2012	-9.1	-36.8	-26.5	-4.4	-38.3
February 2012	-1.1	-21.0	-8.7	1.0	-27.3
March 2012	0.6	-21.6	-12.7	5.0	-28.4
2nd Quarter	**0.5**	**-36.8**	**-16.2**	**5.0**	**-38.3**
April 2012	6.3	-8.6	2.3	11.4	-13.6
May 2012	13.1	-4.6	6.3	16.3	-8.1
June 2012	19.3	5.3	12.9	25.7	1.4
3rd Quarter	**19.3**	**-8.6**	**7.2**	**25.7**	**-13.6**
July 2012	19.0	8.5	13.1	25.4	4.5
August 2012	16.6	4.8	11.6	23.1	-1.1
September 2012	15.9	-1.3	6.9	18.2	-4.0
4th Quarter	**19.0**	**-1.3**	**10.6**	**25.4**	**-4.0**
Year to Date	**19.3**	**-36.8**	**-2.4**	**25.7**	**-38.3**

Table 3-16: PRG 10-Meter Temperature Summary

Period	Maximum Daily Mean Temperature (°C)	Minimum Daily Mean Temperature (°C)	Mean Hourly Temperature (°C)	Maximum Hourly Temperature (°C)	Minimum Hourly Temperature (°C)
October 2011	6.3	-13.7	-2.8	8.7	-15.7
November 2011	-7.4	-31.0	-18.6	-3.5	-32.0
December 2011	2.4	-30.5	-12.0	7.5	-32.1
1st Quarter	**6.3**	**-31.0**	**-11.1**	**8.7**	**-32.1**
January 2012	-8.2	-36.1	-26.1	-3.9	-37.4
February 2012	-1.0	-20.9	-8.4	0.9	-26.9
March 2012	0.6	-21.2	-12.2	4.7	-27.7
2nd Quarter	**0.6**	**-36.1**	**-15.9**	**4.7**	**-37.4**
April 2012	6.2	-8.6	2.2	10.9	-12.7
May 2012	12.9	-5.0	6.1	15.8	-8.2
June 2012	19.1	5.1	12.7	24.9	1.1
3rd Quarter	**19.1**	**-8.6**	**7.0**	**24.9**	**-12.7**
July 2012	18.7	8.4	12.9	24.4	4.5
August 2012	16.5	4.7	11.5	22.3	-1.0
September 2012	15.9	-1.5	6.9	18.1	-3.7
4th Quarter	**18.7**	**-1.5**	**10.5**	**24.4**	**-3.7**
Year to Date	**19.1**	**-36.1**	**-2.3**	**24.9**	**-37.4**

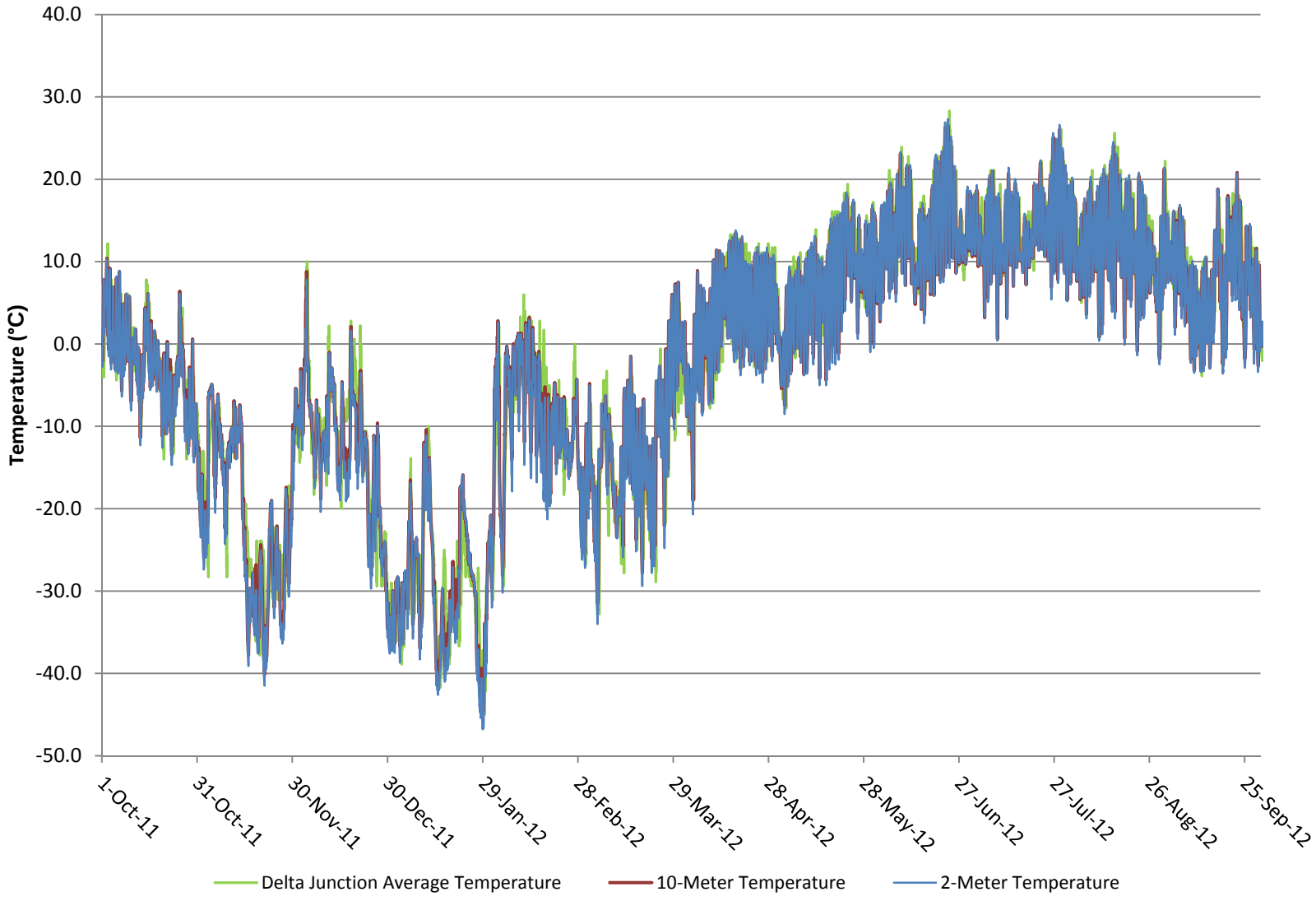


Figure 3-6: PAR Hourly Average 2-Meter and 10-Meter Temperatures

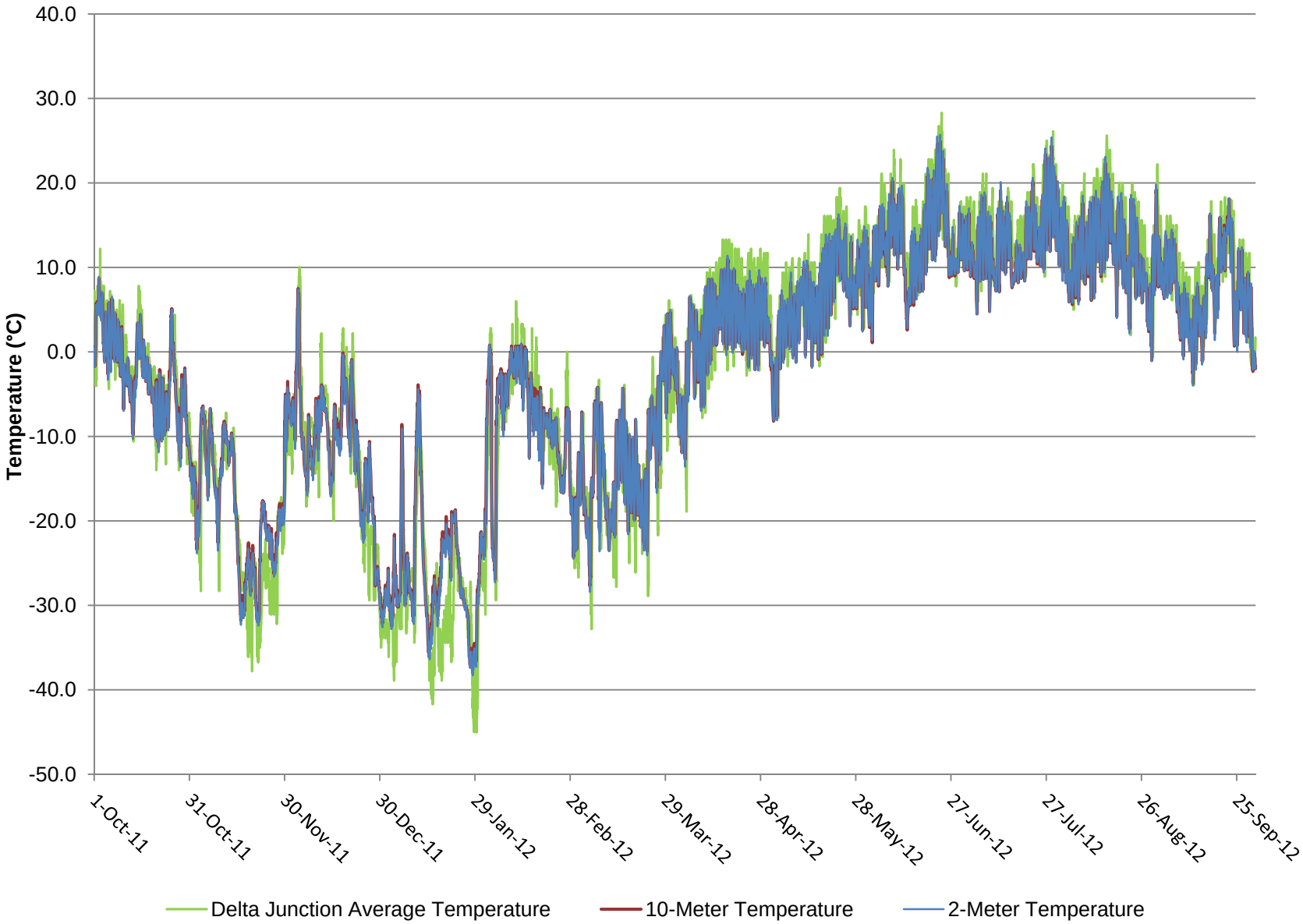


Figure 3-7: PRG Hourly Average 2-Meter and 10-Meter Temperatures

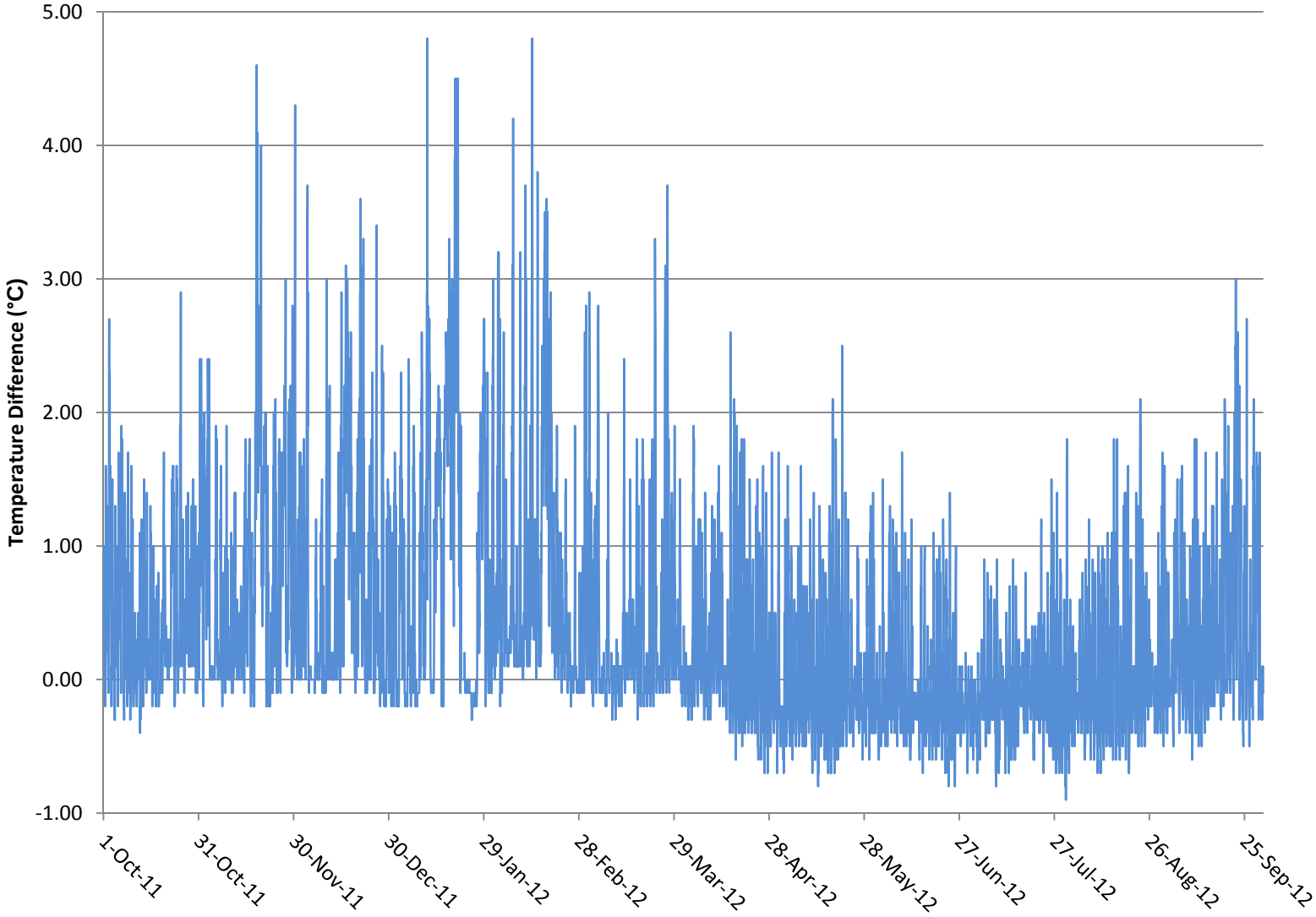


Figure 3-8: PAR Hourly Average Vertical Temperature Difference

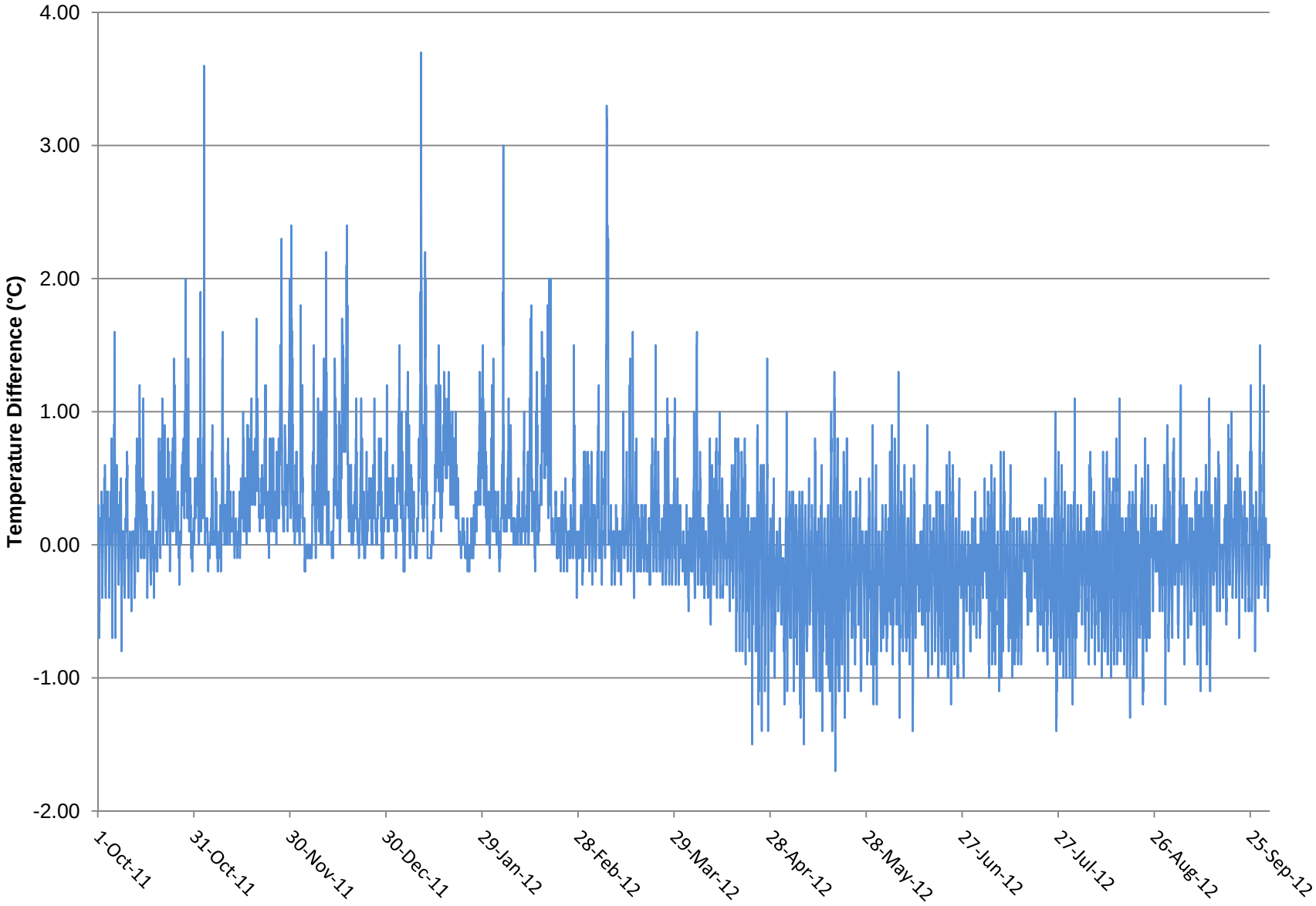


Figure 3-9: PRG Hourly Average Vertical Temperature Difference

3.2.3 OTHER METEOROLOGICAL PARAMETERS

The other meteorological parameters measured at the Pogo stations include solar radiation and precipitation. Tables 3-17 and 3-18 provide summaries of these parameters for the 2011-2012 monitoring year at the airstrip and ridge stations, respectively. Figures 3-10 and 3-11 are plots of the precipitation at the airstrip and ridge stations, respectively. Figures 3-12 and 3-13 are plots of hourly average solar radiation the at the airstrip and ridge stations, respectively. Comprehensive hourly data tables for solar radiation and precipitation are included in Appendix C.

Table 3-17: PAR Solar Radiation and Precipitation Summary

Period	Total Precipitation (mm)	Mean Solar Radiation (W/m^2)	Maximum Solar Radiation (W/m^2)
October 2011	0	34	345
November 2011	1.3	8	121
December 2011	11.9	2	32
1st Quarter	**13.2**	**15**	**345**
January 2012	2.0	5	89
February 2012	2.8	24	280
March 2012	2.0	91	510
2nd Quarter	**6.8**	**40**	**510**
April 2012	3.3	164	741
May 2012	69.5	188	801
June 2012	126.4	198	841
3rd Quarter	**199.2**	**183**	**841**
July 2012	67.5	183	790
August 2012	26.6	147	709
September 2012	9.4	76	578
4th Quarter	**103.5**	**136**	**790**
Year to Date	**322.7**	**93**	**841**

Table 3-18: PRG Solar Radiation and Precipitation Summary

Period	Total Precipitation (mm)	Mean Solar Radiation (W/m^2)	Maximum Solar Radiation (W/m^2)
October 2011	1.8	42	389
November 2011	2.0	11	181
December 2011	10.8	2	37
1st Quarter	**14.6**	**18**	**389**
January 2012	2.0	6	148
February 2012	3.0	30	304
March 2012	1.8	103	536
2nd Quarter	**6.8**	**47**	**536**
April 2012	2.8	176	738
May 2012	59.1	199	865
June 2012	119.8	204	842
3rd Quarter	**181.7**	**193**	**865**
July 2012	72.1	191	824
August 2012	30.1	155	731
September 2012	10.9	84	621
4th Quarter	**113.1**	**144**	**824**
Year to Date	**316.2**	**101**	**865**

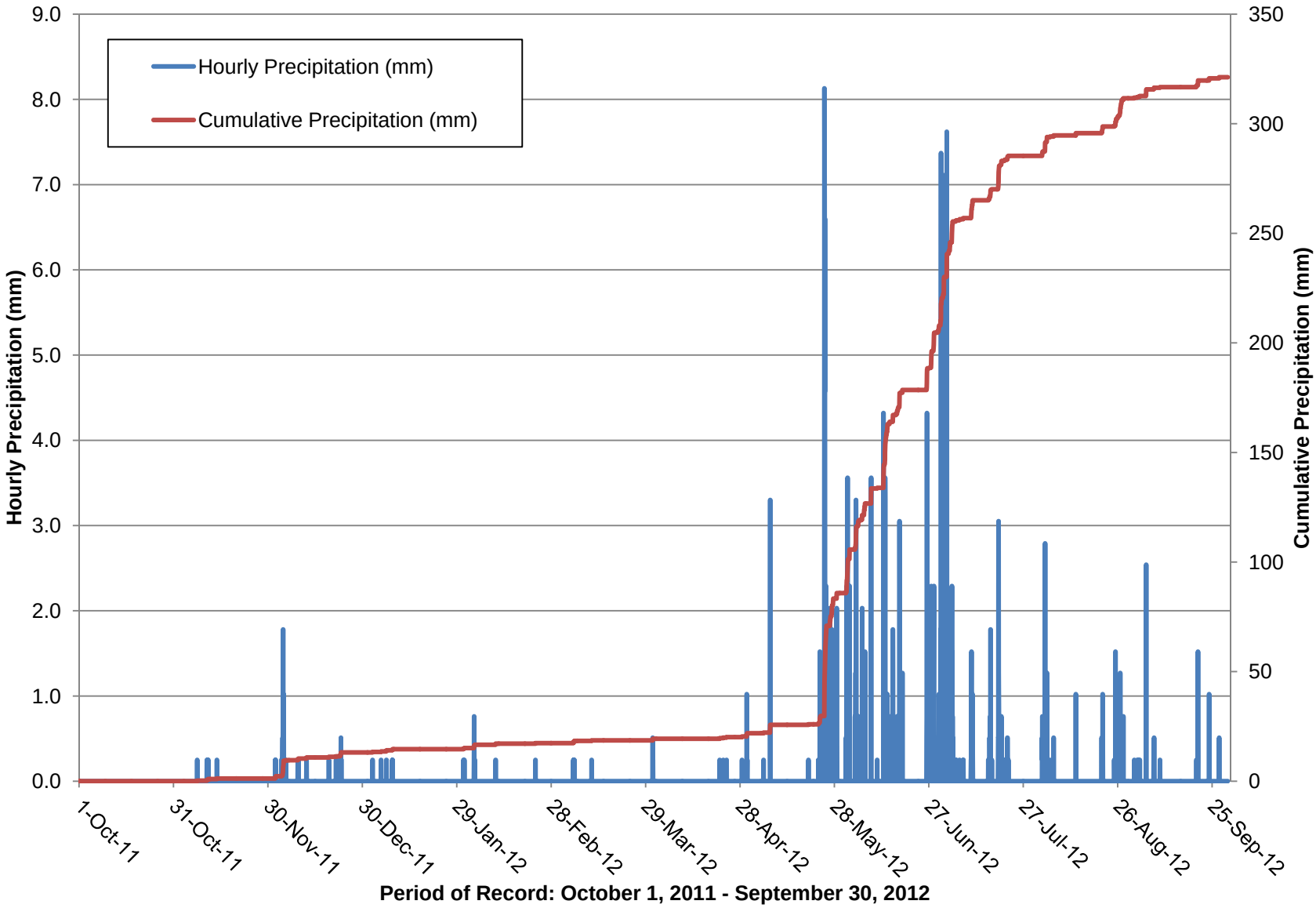


Figure 3-10: PAR Precipitation

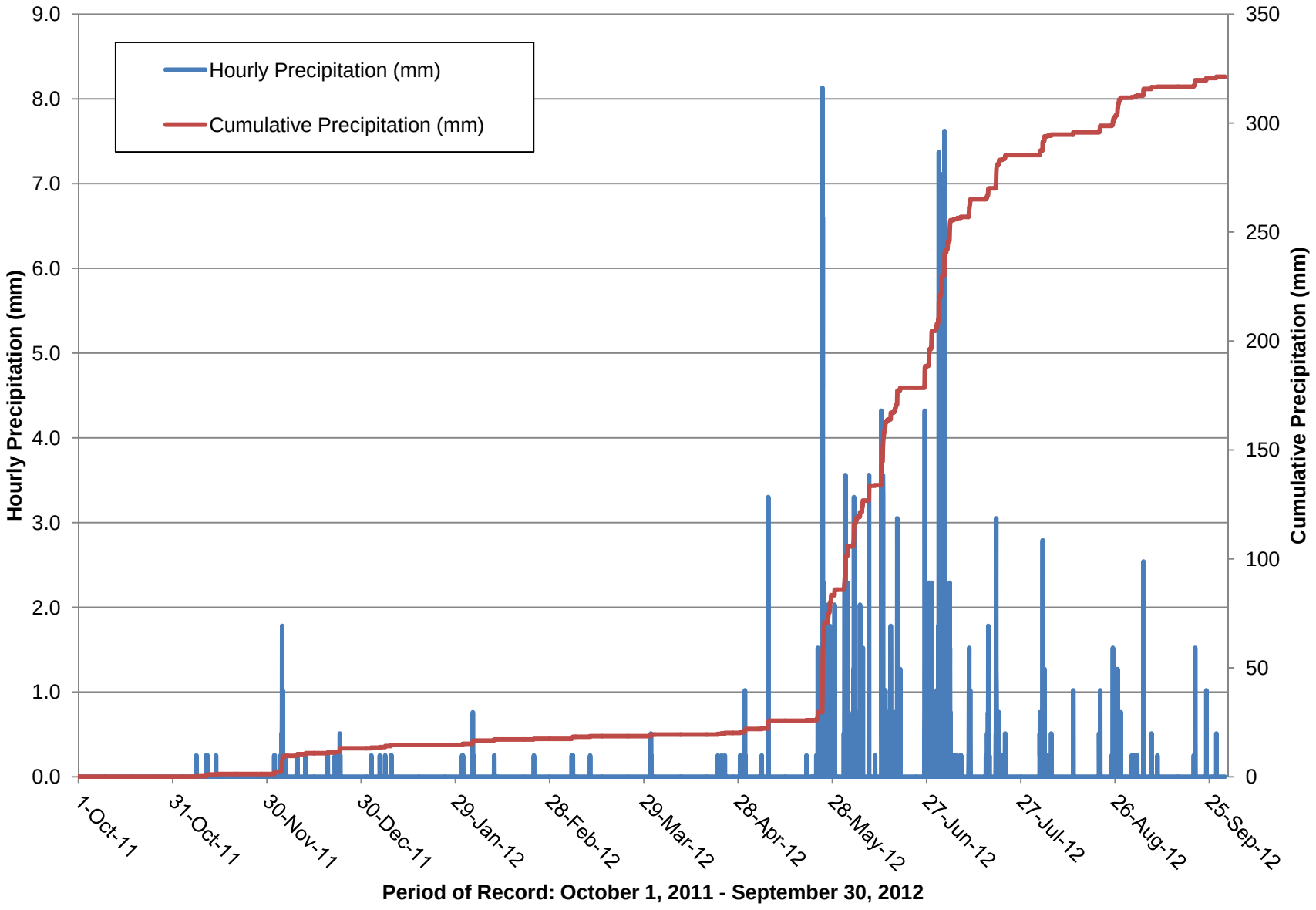


Figure 3-11: PRG Precipitation

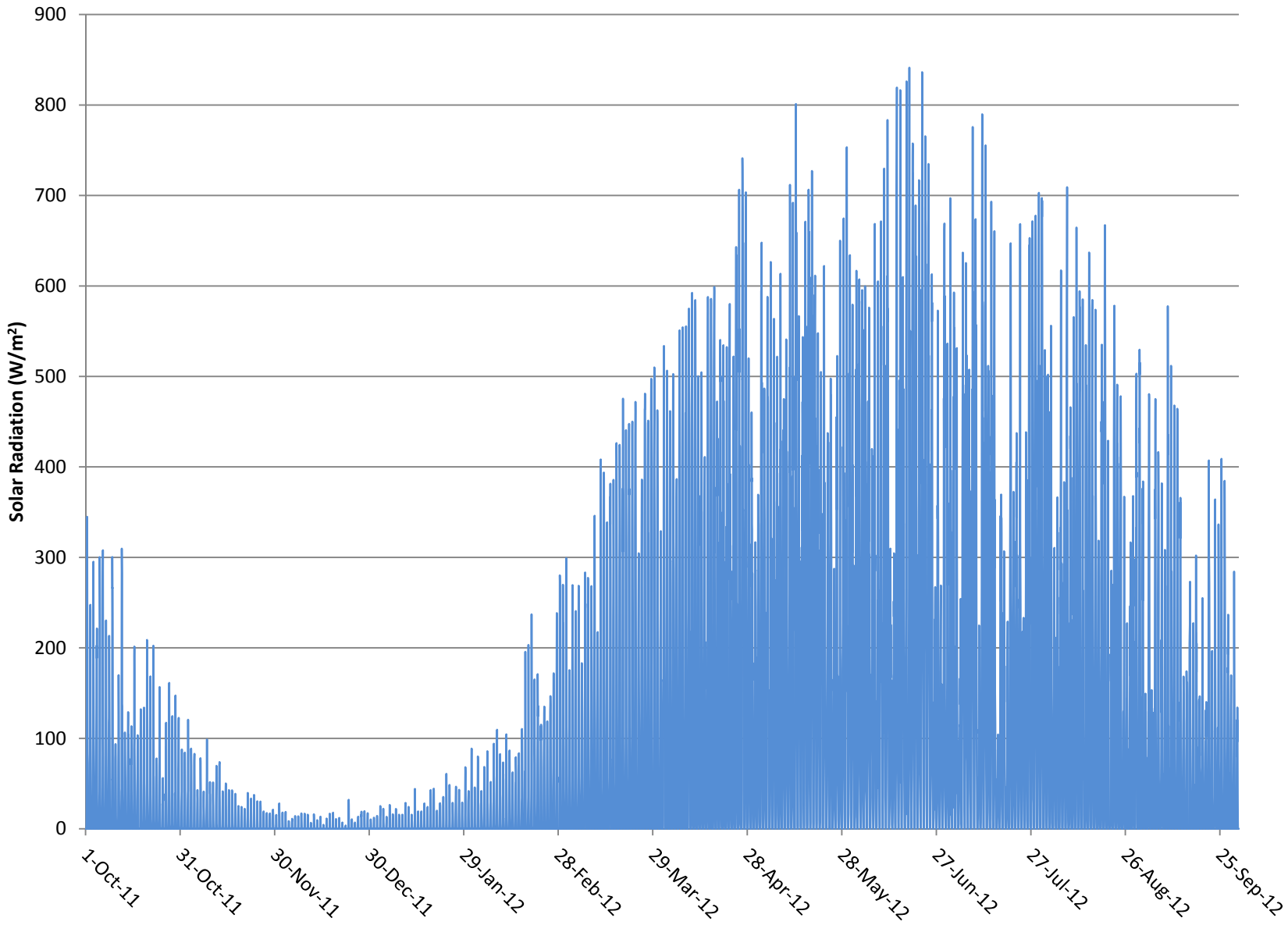


Figure 3-12: PAR Hourly Average Solar Radiation

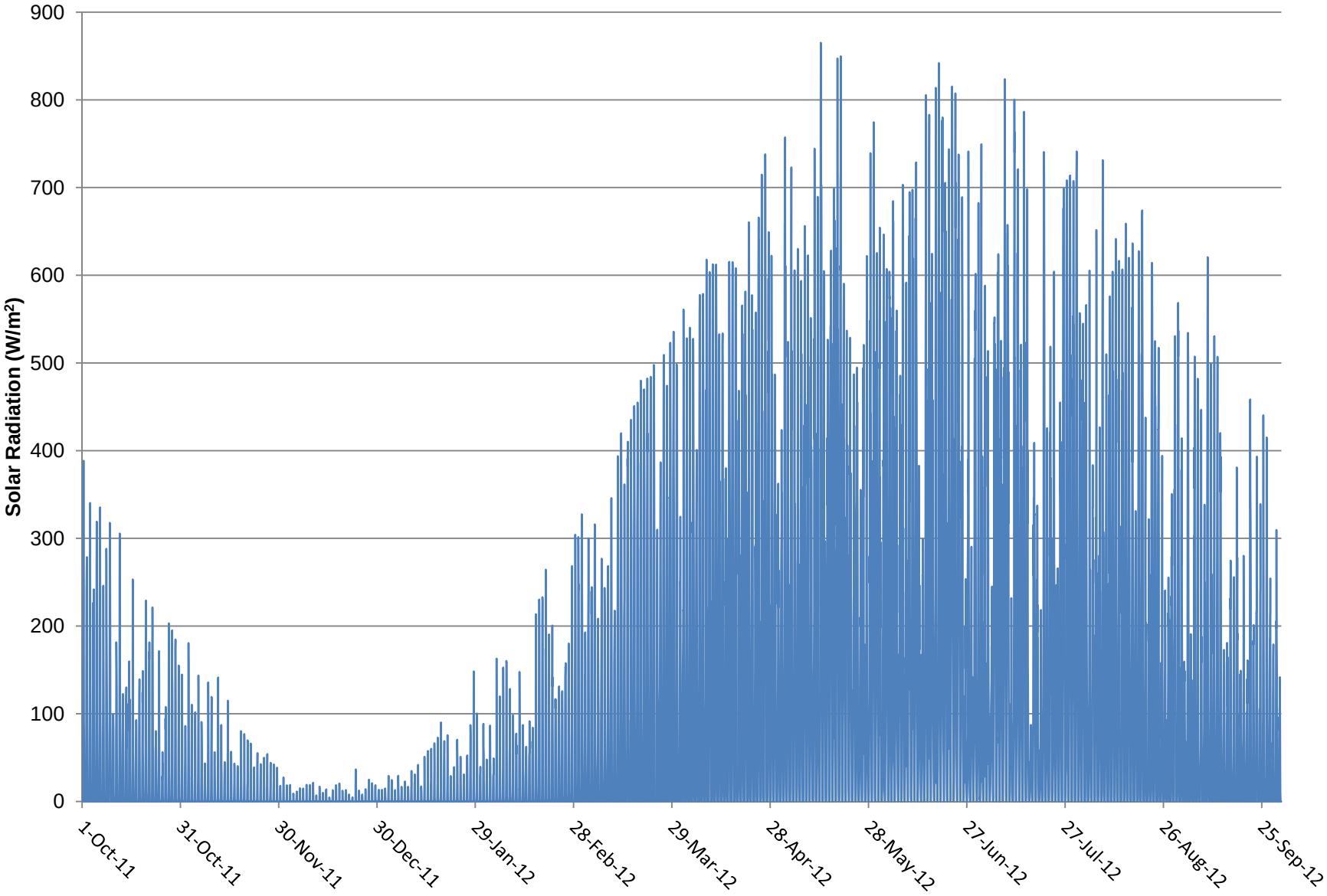


Figure 3-13: PRG Hourly Average Solar Radiation

APPENDIX A

PRECISION DATA

Not applicable.

APPENDIX B
ACCURACY DATA

Time, Barometric Pressure and Relative Humidty Calibration Report

Owner: SMM Pogo
Technician: B Wilkinson

Operator: B Wilkinson
Witness(s): J Frahm

Station Site: PAR
Cal. Date: 10/3/2011

DAS TIME CALIBRATION

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	10/3/2011	10/3/2011	00:00	**PASS**
Time	18:00:00	17:59:35	-00:25	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments:

Temperature Sensors and ΔT Calibration Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/3/2011

2M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2578C
10M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2713C
Cal Digital Thermometer	Make:	VWR	Model:	61220-601	S.N.#: 21240068
Cal Probe	Make:	VWR	Model:	61220-601	S.N.#: 21240068

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-31.90	-32.10	-0.20	PASS	-32.01	-0.11	PASS	0.09	PASS
Cold	-15 to 0	-23.10	-23.19	-0.09	PASS	-23.13	-0.03	PASS	0.06	PASS
Ice Bath	0	1.30	1.11	-0.19	PASS	1.18	-0.12	PASS	0.07	PASS
Warm	15 to 25	19.00	18.93	-0.07	PASS	18.93	-0.07	PASS	0.00	PASS
Hot	25 to 35	33.00	33.00	0.00	PASS	32.94	-0.06	PASS	-0.06	PASS
		Max Abs. Error		0.20	PASS					

Time Begin: 12:45
Time End: 18:00

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments: As found

Temperature Sensors and ΔT Calibration Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/3/2011

2M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2623C
10M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2624C
Cal Digital Thermometer	Make:	VWR	Model:	61220-601	S.N.#: 21240068
Cal Probe	Make:	VWR	Model:	61220-601	S.N.#: 21240068

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-37.70	-37.86	-0.16	PASS	-37.83	-0.13	PASS	0.03	PASS
Cold	-15 to 0	-23.80	-23.93	-0.13	PASS	-23.93	-0.13	PASS	0.00	PASS
Ice Bath	0	0.20	0.31	0.11	PASS	0.31	0.11	PASS	0.00	PASS
Warm	15 to 25	19.70	19.51	-0.19	PASS	19.51	-0.19	PASS	0.00	PASS
Hot	25 to 35	42.40	42.46	0.06	PASS	42.41	0.01	PASS	-0.05	PASS
		Max Abs. Error		0.19	PASS					

Time Begin: 12:45
Time End: 18:00

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments: As left

Horizontal Wind Speed Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/3/2011

Wind Sensor	Make:	RM Young	Model:	05305-AQ	S.N.#:	112379
Propeller	Make:	RM Young	Model:	05305-AQ	Prop #:	71158
Low Speed Cal Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make:	RM Young	Model:	18802	S.N.#:	CA03255
Torque	Make:	Waters	Model:	366-3	S.N.#:	4864

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 12:45

Time End: 18:00

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	oz-in	FAIL
As-found	1.0	0.014	0.008	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/3/2011

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Calibration	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080896571	Magnetic Declination: 20 49' E of N
Torque	Make:	Honeywell	Model:	366-0	S.N.#:	56-5042	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
W To Compass	89.8	90.5	0.7	PASS
W From Compass	269.8	271.9	2.1	PASS
N To Compass	171.4	173.3	1.9	PASS
N From Compass	351.4	353.5	2.1	PASS
		Max Abs. Error	2.1	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	29.7	-0.3	PASS
60.0	59.5	-0.5	PASS
90.0	89.4	-0.6	PASS
120.0	118.6	-1.4	PASS
150.0	148.5	-1.5	PASS
180.0	178.5	-1.5	PASS
210.0	208.9	-1.1	PASS
240.0	239.4	-0.6	PASS
270.0	269.7	-0.3	PASS
300.0	299.9	-0.1	PASS
330.0	329.6	-0.4	PASS
355.0	353.8	-1.2	PASS
	Max Abs Error	1.5	PASS
	Mean Abs. Error	0.792	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	oz-in	
As-found	11.0	0.153	0.090	PASS
As-left	11.0	0.153		

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☐ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
N To Compass	170.5	172	1.5	PASS
N From Compass	351	352.3	1.3	PASS
		Max Abs. Error	1.5	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation

Owner: SMM Pogo
Technician: B Wilkinson
Operator: B Wilkinson
Witness(s): J Frahm
Station Site: PAR
Cal. Date: 10/3/2011

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1024 Range: 6 Inches per Hour

Cal Equipment Make: NovaLynx Model: 260-2595 S.N.#: Calibration Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
15:30		250	7.7	0	7.62	7.62	-1.2%	PASS	
15:45		650	20.0	-15.24	5.842	21.082	5.2%	PASS	
16:30		650	20.0	0	18.8	18.8	-6.2%	PASS	
					Max Abs. Error		6.2%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation

Owner: SMM Pogo
Technician: B Wilkinson

Operator: B Wilkinson
Witness: J Frahm

Station Site: PAR
Cal Date: 10/3/2011

Station Sensor A	Make:	Kipp&Zonen	Model:	CMP11	S.N.#: 114209
Station Sensor B	Make:	LiCor	Model:	LI200	S.N.#: PY74189
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#: 35144F3

Sensor A Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/3/2011 14:00	197.4	190.4
10/3/2011 15:00	112.4	107.6
10/3/2011 16:00	86.6	84.2
10/3/2011 17:00	60.0	60.9
10/3/2011 18:00	7.5	10.8
10/3/2011 19:00	0.0	0.9
10/3/2011 20:00	0.0	0.0
10/3/2011 21:00	0.0	0.0
10/3/2011 22:00	0.0	0.0
10/3/2011 23:00	0.0	0.0
10/4/2011 00:00	0.0	0.0
10/4/2011 01:00	0.0	0.0
10/4/2011 02:00	0.0	0.0
10/4/2011 03:00	0.0	0.0
10/4/2011 04:00	0.0	0.0
10/4/2011 05:00	0.0	0.0
10/4/2011 06:00	0.0	0.0
10/4/2011 07:00	0.0	0.6
10/4/2011 08:00	13.2	14.1
10/4/2011 09:00	58.9	58.0
10/4/2011 10:00	118.3	114.2
10/4/2011 11:00	148.4	143.4
10/4/2011 12:00	213.8	206.8
10/4/2011 13:00	217.1	211.2
Average	51.4	50.1
Avg % Error	N/A	N/A
Avg Abs Error	1.3	PASS

Sensor B Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/3/2011 14:00	197.4	185.6
10/3/2011 15:00	112.4	107.5
10/3/2011 16:00	86.6	83.7
10/3/2011 17:00	60.0	58.1
10/3/2011 18:00	7.5	9.3
10/3/2011 19:00	0.0	0.0
10/3/2011 20:00	0.0	0.0
10/3/2011 21:00	0.0	0.0
10/3/2011 22:00	0.0	0.0
10/3/2011 23:00	0.0	0.0
10/4/2011 00:00	0.0	0.0
10/4/2011 01:00	0.0	0.0
10/4/2011 02:00	0.0	0.0
10/4/2011 03:00	0.0	0.0
10/4/2011 04:00	0.0	0.0
10/4/2011 05:00	0.0	0.0
10/4/2011 06:00	0.0	0.0
10/4/2011 07:00	0.0	0.1
10/4/2011 08:00	13.2	12.6
10/4/2011 09:00	58.9	55.2
10/4/2011 10:00	118.3	111.2
10/4/2011 11:00	148.4	138.2
10/4/2011 12:00	213.8	200.4
10/4/2011 13:00	217.1	202.4
Average	51.4	48.5
Avg % Error	N/A	N/A
Avg Abs Error	2.9	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

Time, Barometric Pressure and Relative Humidty Calibration Report

Owner: SMM Pogo
Technician: D. Shallies

Operator: D. Shallies
Witness(s): R. Kangas

Station Site: PAR
Cal. Date: 4/30/2012

DAS TIME CALIBRATION

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	4/30/2012	4/30/2012	00:00	**PASS**
Time	13:22:00	13:22:22	00:22	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments:

Temperature Sensors and ΔT Calibration Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	D. Shallies	Witness(s):	R. Kangas	Cal. Date:	4/30/2012

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2623C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2624C
Cal Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 21164797
Cal Probe	Make: VWR	Model: 61220-604	S.N.#: 21164148

COLLOCATED THERMISTOR TEST

Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-45.89	-45.73	0.16	PASS	-45.76	0.13	PASS	-0.03	PASS
Cold	-15 to 0	-19.13	-19.07	0.06	PASS	-19.07	0.06	PASS	0.00	PASS
Ice Bath	0	0.50	0.41	-0.09	PASS	0.41	-0.09	PASS	0.00	PASS
Warm	15 to 25	20.64	20.57	-0.07	PASS	20.57	-0.07	PASS	0.00	PASS
Hot	25 to 35	40.51	40.67	0.16	PASS	40.69	0.18	PASS	0.02	PASS
		Max Abs. Error		0.16	PASS		0.18	PASS		

Time Begin: 14:20
Time End: 15:18

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	D. Shallies	Witness(s):	R. Kangas	Cal. Date:	4/30/2012

Wind Sensor	Make: RM Young	Model:	05305-5	S.N.#:	112379
Propeller	Make: RM Young	Model:	05305-5	Prop #:	71158
Low Speed Cal Motor	Make: N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make: RM Young	Model:	18820	S.N.#:	CA03255
Torque	Make: RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 14:20

Time End: 15:00

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.200	PASS
As-left	1.0	0.014	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	D. Shallies	Witness(s):	R. Kangas	Cal. Date:	4/30/2012

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Cal	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080896571	Magnetic Declination: 20 56' E of N
Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	Cal	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (power pole)	176.0	175.4	-0.6	PASS
	356.0	0.1	4.1	PASS
compass (peak)	271.0	273.4	2.4	PASS
	91.0	91.9	0.9	PASS
	Max Abs. Error		4.1	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	31.7	1.7	PASS
60.0	61.3	1.3	PASS
90.0	90.7	0.7	PASS
120.0	119.6	-0.4	PASS
150.0	150.4	0.4	PASS
180.0	180.2	0.2	PASS
210.0	211.0	1	PASS
240.0	240.6	0.6	PASS
270.0	270.1	0.1	PASS
300.0	299.9	-0.1	PASS
330.0	329.3	-0.7	PASS
355.0	354.2	-0.8	PASS
	Max Abs Error	1.7	PASS
	Mean Abs. Error	0.667	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	4.000	PASS
As-left	11.0	0.153		

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (power pole)	176	176.4	0.4	PASS
	356	354.5	-1.5	PASS
compass (peak)	271	273.4	2.4	PASS
	91	91.3	0.3	PASS
	Max Abs. Error		2.4	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation

Owner: SMM Pogo
Technician: D. Shallies
Operator: D. Shallies
Witness(s): R. Kangas
Station Site: PAR
Cal. Date: 4/30/2012

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1024 Range: 6 Inches per Hour

Cal Equipment Make: Drip Gauge Model: 260-2595 S.N.#: Cal Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
16:10		400	12.3	13.71	26.92	13.21	7.1%	PASS	
16:50		400	12.3	0	13.2	13.2	7.0%	PASS	
					Max Abs. Error		7.1%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation

Owner: SMM Pogo
Technician: D. Shallies

Operator: D. Shallies
Witness: R. Kangas

Station Site: PAR
Cal Date: 4/30/2012

Station Sensor A	Make:	LiCor	Model:	LI200	S.N.#: PY74187
Station Sensor B	Make:	Kipp&Zonen	Model:	CMP11	S.N.#: 114209
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#: 34377F3

Sensor A Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
4/30/2012 14:00	320.9	298.1
4/30/2012 15:00	276.2	259.3
4/30/2012 16:00	247.2	228.6
4/30/2012 17:00	138.6	130.2
4/30/2012 18:00	176.0	172.9
4/30/2012 19:00	178.2	189.9
4/30/2012 20:00	47.7	50.9
4/30/2012 21:00	10.9	15.3
4/30/2012 22:00	0.0	1.2
4/30/2012 23:00	0.0	0.0
5/1/2012 00:00	0.0	0.0
5/1/2012 01:00	0.0	0.0
5/1/2012 02:00	0.0	0.0
5/1/2012 03:00	0.0	0.0
5/1/2012 04:00	0.0	0.0
5/1/2012 05:00	6.3	6.5
5/1/2012 06:00	39.1	38.2
5/1/2012 07:00	81.4	76.7
5/1/2012 08:00	155.6	150.8
5/1/2012 09:00	247.4	239.1
5/1/2012 10:00	288.9	274.3
Average	105.4	101.5
Avg % Error	N/A	N/A
Avg Abs Error	3.9	PASS

Sensor B Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
4/30/2012 14:00	320.9	316.7
4/30/2012 15:00	276.2	272.7
4/30/2012 16:00	247.2	245.3
4/30/2012 17:00	138.6	137.5
4/30/2012 18:00	176.0	176.2
4/30/2012 19:00	178.2	189.7
4/30/2012 20:00	47.7	52.4
4/30/2012 21:00	10.9	13.5
4/30/2012 22:00	0.0	0.2
4/30/2012 23:00	0.0	0.0
5/1/2012 00:00	0.0	0.0
5/1/2012 01:00	0.0	0.0
5/1/2012 02:00	0.0	0.0
5/1/2012 03:00	0.0	0.0
5/1/2012 04:00	0.0	0.0
5/1/2012 05:00	6.3	4.6
5/1/2012 06:00	39.1	37.2
5/1/2012 07:00	81.4	79.6
5/1/2012 08:00	155.6	152.9
5/1/2012 09:00	247.4	244.6
5/1/2012 10:00	288.9	285.6
Average	105.4	105.2
Avg % Error	N/A	N/A
Avg Abs Error	0.3	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

Time, Barometric Pressure and Relative Humidty Calibration Report

Owner: SMM Pogo
Technician: B Wilkinson

Operator: B Wilkinson
Witness(s): J Frahm

Station Site: PRG
Cal. Date: 10/4/2011

DAS TIME CALIBRATION

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	10/4/2011	10/4/2011	00:00	**PASS**
Time	10:57:00	10:56:35	-00:25	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments:

Temperature Sensors and ΔT Calibration Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PRG
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/4/2011

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2215C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2711C
Cal Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 21240068
Cal Probe	Make: VWR	Model: 61220-601	S.N.#: 21240068

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-37.00	-37.27	-0.27	PASS	-37.19	-0.19	PASS	0.08	PASS
Cold	-15 to 0	-21.90	-21.86	0.04	PASS	-21.86	0.04	PASS	0.00	PASS
Ice Bath	0	0.05	0.45	0.40	PASS	0.39	0.34	PASS	-0.06	PASS
Warm	15 to 25	21.00	20.99	-0.01	PASS	20.95	-0.05	PASS	-0.04	PASS
Hot	25 to 35	37.70	37.74	0.04	PASS	37.70	0.00	PASS	-0.04	PASS
		Max Abs. Error		0.40	PASS					

Time Begin: 10:14
Time End: 10:45

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PRG
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/4/2011

Wind Sensor	Make:	RM Young	Model:	05305-AQ	S.N.#:	112380
Propeller	Make:	RM Young	Model:	05305-AQ	Prop #:	71191
Low Speed Cal Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make:	RM Young	Model:	18802	S.N.#:	CA03255
Torque	Make:	Waters	Model:	366-3	S.N.#:	4864

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin:

Time End:

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	oz-in	FAIL
As-found	1.0	0.014	0.005	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PRG
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/4/2011

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Calibration	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080896571	Magnetic Declination: 20 49' E of N
Torque	Make:	Honeywell	Model:	366-0	S.N.#:	56-5042	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
To compass Loc 1	304.1	302.8	-1.3	PASS
From compass Loc 1	124.1	123.8	-0.3	PASS
To compass Loc 3	341	342	1	PASS
From compass Loc 3	161	161.7	0.7	PASS
	Max Abs. Error		1	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	29.6	-0.4	PASS
60.0	60.1	0.1	PASS
90.0	89.9	-0.1	PASS
120.0	119.9	-0.1	PASS
150.0	149.5	-0.5	PASS
180.0	178.8	-1.2	PASS
210.0	208.6	-1.4	PASS
240.0	238.2	-1.8	PASS
270.0	269.0	-1	PASS
300.0	300.4	0.4	PASS
330.0	330.4	0.4	PASS
355.0	354.6	-0.4	PASS
	Max Abs Error	1.8	PASS
	Mean Abs. Error	0.650	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	oz-in	
As-found	11.0	0.153	0.060	PASS
As-left	11.0	0.153		

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
To compass Loc 3	341	341.5	0.5	PASS
From compass Loc 3	161	161.5	0.5	PASS
	Max Abs. Error		0.5	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation

Owner: SMM Pogo
Technician: B Wilkinson
Operator: B Wilkinson
Witness(s): J Frahm
Station Site: PRG
Cal. Date: 10/4/2011

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1023 Range: 6 Inches per Hour

Cal Equipment Make: NovaLynx Model: 260-2595 S.N.#: Calibration Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
11:15		650	20.0	0	18.29	18.29	-8.7%	PASS	
11:37		325	10.0	0	10.414	10.414	3.9%	PASS	
13:10		200	6.2	0	6.096	6.096	-1.2%	PASS	
					Max Abs. Error		8.7%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation

Owner: SMM Pogo
Technician: B Wilkinson

Operator: B Wilkinson
Witness: J Frahm

Station Site: PRG
Cal Date: 10/4/2011

Station Sensor A	Make:	LiCor	Model:	LI-200	S.N.#: PY74189
Station Sensor B	Make:	Kipp&Zonen	Model:	CMP11	S.N.#: 114210
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#: 35144F3

Sensor A Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/5/2011 00:00	0.0	0.0
10/5/2011 01:00	0.0	0.0
10/5/2011 02:00	0.0	0.0
10/5/2011 03:00	0.0	0.0
10/5/2011 04:00	0.0	0.1
10/5/2011 05:00	0.0	0.1
10/5/2011 06:00	0.0	0.1
10/5/2011 07:00	0.5	1.6
10/5/2011 08:00	17.1	16.6
10/5/2011 09:00	128.5	112.5
10/5/2011 10:00	242.1	209.7
10/5/2011 11:00	278.3	278.0
10/5/2011 12:00	307.0	325.0
10/5/2011 13:00	307.1	313.5
10/5/2011 14:00	296.4	302.8
10/5/2011 15:00	238.5	243.9
10/5/2011 16:00	107.5	108.6
10/5/2011 17:00	49.5	49.9
10/5/2011 18:00	10.0	12.5
10/5/2011 19:00	0.0	0.4
10/5/2011 20:00	0.0	0.1
10/5/2011 21:00	0.0	0.1
10/5/2011 22:00	0.0	0.1
10/5/2011 23:00	0.0	0.1
Average	82.6	82.3
Avg % Error	N/A	N/A
Avg Abs Error	0.3	PASS

Sensor B Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/5/2011 00:00	0.0	0.0
10/5/2011 01:00	0.0	0.0
10/5/2011 02:00	0.0	0.0
10/5/2011 03:00	0.0	0.0
10/5/2011 04:00	0.0	0.1
10/5/2011 05:00	0.0	0.1
10/5/2011 06:00	0.0	0.1
10/5/2011 07:00	0.5	1.6
10/5/2011 08:00	17.1	16.6
10/5/2011 09:00	128.5	112.5
10/5/2011 10:00	242.1	209.7
10/5/2011 11:00	278.3	278.0
10/5/2011 12:00	307.0	325.0
10/5/2011 13:00	307.1	313.5
10/5/2011 14:00	296.4	302.8
10/5/2011 15:00	238.5	243.9
10/5/2011 16:00	107.5	108.6
10/5/2011 17:00	49.5	49.9
10/5/2011 18:00	10.0	12.5
10/5/2011 19:00	0.0	0.4
10/5/2011 20:00	0.0	0.1
10/5/2011 21:00	0.0	0.1
10/5/2011 22:00	0.0	0.1
10/5/2011 23:00	0.0	0.1
Average	82.6	82.3
Avg % Error	N/A	N/A
Avg Abs Error	0.3	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

Time, Barometric Pressure and Relative Humidty Calibration Report

Owner: SMM Pogo
Technician: D. Shallies

Operator: D. Shallies
Witness(s): R. Kangas

Station Site: PRG
Cal. Date: 5/1/2012

DAS TIME CALIBRATION

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	5/1/2012	5/1/2012	00:00	**PASS**
Time	7:12:00	7:12:34	00:34	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments:

Temperature Sensors and ΔT Calibration Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	D. Shallies	Witness(s):	R. Kangas	Cal. Date:	5/1/2012

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2215C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2211C
Cal Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 21164797
Cal Probe	Make: VWR	Model: 61220-604	S.N.#: 21164148

COLLOCATED THERMISTOR TEST

Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-48.35	-48.72	-0.37	PASS	-48.75	-0.40	PASS	-0.03	PASS
Cold	-15 to 0	-21.93	-21.82	0.11	PASS	-21.81	0.12	PASS	0.01	PASS
Ice Bath	0	0.20	0.40	0.20	PASS	0.36	0.16	PASS	-0.04	PASS
Warm	15 to 25	20.70	20.89	0.19	PASS	20.83	0.13	PASS	-0.06	PASS
Hot	25 to 35	40.10	40.21	0.11	PASS	40.21	0.11	PASS	0.00	PASS
		Max Abs. Error		0.37	PASS		0.40	PASS		

Time Begin: 7:55
Time End: 8:50

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	D. Shallies	Witness(s):	R. Kangas	Cal. Date:	5/1/2012

Wind Sensor	Make: RM Young	Model:	05305-5	S.N.#:	112380
Propeller	Make: RM Young	Model:	05305-5	Prop #:	71191
Low Speed Cal Motor	Make: N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make: RM Young	Model:	18820	S.N.#:	CA03255
Torque	Make: RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 7:55

Time End: 8:50

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.200	PASS
As-left	1.0	0.014	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	D. Shallies	Witness(s):	R. Kangas	Cal. Date:	5/1/2012

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Audit	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080896571	Magnetic Declination: 20 56' E of N
Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	Audit	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST				
Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak)	199.0	197.3	-1.7	PASS
	19.0	19.8	0.8	PASS
compass (small peak)	290.0	291.2	1.2	PASS
	110.0	111.0	1.0	PASS
	Max Abs. Error		1.7	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST			
Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	32.0	2	PASS
60.0	62.4	2.4	PASS
90.0	91.3	1.3	PASS
120.0	121.2	1.2	PASS
150.0	150.9	0.9	PASS
180.0	180.7	0.7	PASS
210.0	210.1	0.1	PASS
240.0	240.0	0	PASS
270.0	270.0	0	PASS
300.0	300.1	0.1	PASS
330.0	330.3	0.3	PASS
355.0	354.2	-0.8	PASS
Max Abs Error		2.4	PASS
Mean Abs. Error		0.817	PASS

WIND DIRECTION TORQUE TEST				
	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	oz-in	
As-found	11.0	0.153	0.080	PASS
As-left	11.0	0.153	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST				
Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak)	199	197.2	-1.8	PASS
	19	19.8	0.8	PASS
compass (small peak)	290	292.3	2.3	PASS
	110	111.6	1.6	PASS
	Max Abs. Error		2.3	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation

Owner: SMM Pogo
Technician: D. Shallies
Operator: D. Shallies
Witness(s): R. Kangas
Station Site: PRG
Cal. Date: 5/1/2012

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1023 Range: 6 Inches per Hour

Cal Equipment Make: Drip Gauge Model: 260-2595 S.N.#: Cal Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
12:40	N/A	400	12.3	12.7	24.13	11.43	-7.3%	PASS	
14:00	N/A	400	12.3	2.032	14.48	12.448	0.9%	PASS	
14:40	N/A	400	12.3	14.48	27.18	12.7	3.0%	PASS	
					Max Abs. Error		7.3%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation

Owner: SMM Pogo
Technician: D. Shallies

Operator: D. Shallies
Witness: R. Kangas

Station Site: PRG
Cal Date: 5/1/2012

Station Sensor A	Make:	LiCor	Model:	LI-200	S.N.#:	PY74189
Station Sensor B	Make:	Kipp&Zonen	Model:	CMP11	S.N.#:	114210
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#:	34377F3

Sensor A Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
12:00	350.7	357.0
13:00	317.3	305.3
14:00	354	337.3
15:00	312.1	331.2
16:00	262.9	277.2
17:00	173.2	198.2
18:00	110.8	135.6
19:00	109.5	117.4
20:00	36.48	39.9
21:00	9.42	10.4
22:00	0.113	0.6
23:00	0	0.0
0:00	0	0.0
1:00	0	0.0
2:00	0	0.0
3:00	0	0.0
4:00	0.152	0.4
5:00	10.06	9.7
6:00	53.36	50.9
7:00	105.3	90.7
8:00	190.5	173.5
9:00	299.1	282.5
10:00	460.3	403.1
11:00	645.6	572.1
Average	158.4	153.9
Avg % Error	N/A	N/A
Avg Abs Error	4.5	PASS

Sensor B Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
12:00	350.7	369.3
13:00	317.3	311.6
14:00	354	343.3
15:00	312.1	336.2
16:00	262.9	279.4
17:00	173.2	200.3
18:00	110.8	138.3
19:00	109.5	118.6
20:00	36.48	39.9
21:00	9.42	8.0
22:00	0.113	0.0
23:00	0	0.0
0:00	0	0.0
1:00	0	0.0
2:00	0	0.0
3:00	0	0.0
4:00	0.152	0.0
5:00	10.06	7.3
6:00	53.36	50.6
7:00	105.3	96.8
8:00	190.5	183.7
9:00	299.1	296.7
10:00	460.3	424.7
11:00	645.6	595.0
Average	158.4	158.3
Avg % Error	N/A	N/A
Avg Abs Error	0.0	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

THE BRUNTON COMPANY

CERTIFICATE OF CALIBRATION

Equipment Owner

Name SRL International Greg Malinky

Address 3401 Minnesota Dr., Suite 300, Anchorage AK 99503

Calibration traceable to the National Institute of Standards and Technology in accordance with MIL-STD-45662A has been accomplish on the instrument listed below by comparison with standards maintained by The Brunton Co. The accuracy and stability of all standards maintained by The Brunton Co. are traceable to national standards maintained by the National Institute of Standards and Technology in Washington,D.C. and Boulder, CO. Complete record of all work performed is maintained by The Brunton Co. and is available for inspection upon request.

This unit has been calibrated to Lietz TM10E serial number 30937 traceable to N.B.S. NO. 738227675 this 21 Day of July 20 11

Description Pocket Transit

Purchase Order 50-014718

Order Number RA 2560999

Model Number F-5008

Serial Number 5080896571

Calibration Date 7/21/11

Recalibration Due Date July 21, 2012

Signed Patricia K. Stunter 7/21/11

Quality Control Manager

Honeywell

Honeywell
Sensotec Sensors
2080 Arlingate Lane
Columbus, Ohio 43228 U.S.A.

Phone: 614-850-5000
Fax: 614-850-1111
URL: http://www.sensotec.com
E-mail: service@sensotec.com

Certificate of Calibration

Certification Information

Customer Name: SLR INTERNATIONAL Customer P.O.: 1305-235-100

Product Identification

Product Type: Torque Watch Model Number: 366-3
Serial Number: 4864 Part Number: 060-SQF41199-01
Order Code: TQ3663

Product Specifications

Full Scale Range: 0.0030-0.0300 OZ IN Supply: N/A
Calibrated At: 0.0000-0.0300 OZ IN Output: Display

Calibration Data

As Received/Manufactured			After Adjustment/Repair		
Load	**CW**	**CCW**	**Load**	**CW**	**CCW**
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0030	0.0035	0.0032	0.0030	0.0034	0.0025
0.0060	0.0069	0.0062	0.0060	0.0064	0.0059
0.0090	0.0103	0.0097	0.0090	0.0094	0.0087
0.0120	0.0132	0.0127	0.0120	0.0123	0.0121
0.0150	0.0162	0.0159	0.0150	0.0158	0.0147
0.0180	0.0196	0.0194	0.0180	0.0186	0.0195
0.0210	0.0227	0.0227	0.0210	0.0221	0.0197
0.0240	0.0264	0.0260	0.0240	0.0249	0.0254
0.0270	0.0296	0.0294	0.0270	0.0277	0.0283
0.0300	0.0331 F	0.0326	0.0300	0.0307	0.0316
	Adjustment Needed				

In Tolerance?: **NO** In Tolerance?: **YES**

Certification Information

Type of Calibration: Standard Certificate Number: 086-6000-04
Calibration Date: 2/18/11 Calibration Procedure: 072-LC75-29
Test Equipment Number: GW-150/101367 Temperature: 75 Deg. F.
Accuracy of Standard: N/A Relative Humidity: 20%

This report certifies that the product identified above has been inspected to +/-10 % of full scale reading and found to be accurate. Instruments used in the calibration of this product have been calibrated to standards traceable to the National Institute of Standards and Technology (NIST). Calibration procedures are in compliance with ANSI/NCSL Z540-1-1994 and MIL-STD-45662A.

This certificate of calibration shall not be reproduced in any form, except in full, without the expressed written consent of Honeywell Sensotec. If you have any questions concerning this certificate of calibration, please call our service department at (614) 850-5000.

This is a quality record.

Accepted and Certified by: Harold Kouly Date: 2/18/11

Certificate of Calibration

The instrument listed below meets or exceeds published specifications and has been calibrated under controlled conditions and is traceable to the National Institute of Standards and Technology (N.I.S.T.), or to accepted intrinsic standards of measurement, or by the ratio type of self-calibration techniques. Cal-Tech Calibration conforms to the following, ANSI/NCSL Z540-1-1994, ISO/IEC 25/17025.

Customer: SLR International Corporation
Certificate Number: 6709
Instrument Make: Waters
Model: 366-0
S/N: 5042
ID: n/a

Date: 6-14-11
Temp: 75 Deg f
Humidity: 46%
Rec. In Tol.
Due Date: 6-14-12
P.O. Credit Card

This report may not be reproduced, except in full without written permission from Cal-Tech Calibration.

Certification by: C - T JWS

Accuracy: +\- 3%
Procedure: F-1
Comments:

Standards Used	Model	Certification Number	Due Date
Acculab	**VIC-300**	**05005121101**	**5-12-13**
Troemner	**weights**	**175994-1**	**5-13-12**

Oz.-In. Range	As Found	After Adjust	Final Reading
.12	.12	none	.12
.24	.24	none	.24
.36	.36	none	.36
.48	.48	none	.48
.60	.60	none	.60

Cal-Tech Calibration, Inc.
1314 FM 646 West /Ste. 15 / Dickinson, Texas 77539 /Phone 281-614-0050 / Fax 281-614-0046

EPLAB

THE EPPLEY LABORATORY, INC.

12 Sheffield Avenue, PO Box 419, Newport, Rhode Island USA 02840
Phone: 401.847.1020 Fax: 401.847.1031 Email: info@eppleylab.com

STANDARDIZATION OF EPPLEY PRECISION SPECTRAL PYRANOMETER Model PSP

Serial Number: 34377F3

Resistance: 604 Ω at 23°C
Temperature Compensation Range: -20° to +40°C

This radiometer has been compared with Standard Precision Spectral Pyranometer, Serial Number 21231F3 in Eppley's Integrating Hemisphere under radiation intensities of approximately 700 watts meter^{-2} (roughly one half a solar constant).

As a result of a series of comparisons, it has been found to have a sensitivity of:

$$9.26 \times 10^{-6} \text{ volts/watts meter}^{-2}$$

The calculation of this constant is based on the fact that the relationship between radiation intensity and emf is rectilinear to intensities of 1400 watts meter^{-2}. This radiometer is linear to within ± 0.5% up to this intensity.

The calibration of this instrument is traceable to standard self-calibrating cavity pyrheliometers in terms of the Systems Internationale des Unites (SI units), which participated in the Tenth International Pyrheliometric Comparisons (IPC X) at Davos, Switzerland in September-October 2005.

Eppley recommends a minimum calibration cycle of five (5) years but encourages annual calibrations for highest measurement accuracy. Unless otherwise stated in the remarks section below or on the Sales Order, the results are "AS FOUND / AS LEFT".

Useful conversion facts: 1 cal cm^{-2} min^{-1} = 697.3 watts meter^{-2}
1 BTU/ft^2-hr^{-1} = 3.153 watts meter^{-2}

Shipped to: SLR International Corp
Anchorage, AK

S.O. Number: 63348
Date: February 29, 2012

Date of Test: February 28, 2012

In Charge of Test: Debra L. Guenty

Reviewed by: Thomas J. Kuh

Remarks:

EPLAB

THE EPPLEY LABORATORY, INC.

12 Sheffield Avenue, PO Box 419, Newport, Rhode Island USA 02840
Phone: 401.847.1020 Fax: 401.847.1031 Email: info@eppleylab.com

STANDARDIZATION OF EPPLEY PRECISION SPECTRAL PYRANOMETER Model PSP

Serial Number: 35144F3

Resistance: 729 Ω at 23°C
Temperature Compensation Range: -20° to + 40°C

This radiometer has been compared with Standard Precision Spectral Pyranometer, Serial Number 21231F3 in Eppley's Integrating Hemisphere under radiation intensities of approximately 700 watts meter^{-2} (roughly one half a solar constant).

As a result of a series of comparisons, it has been found to have a sensitivity of:

$$7.34 \times 10^{-6} \text{ volts/watts meter}^{-2}$$

The calculation of this constant is based on the fact that the relationship between radiation intensity and emf is rectilinear to intensities of 1400 watts meter^{-2}. This radiometer is linear to within ± 0.5% up to this intensity.

The calibration of this instrument is traceable to standard self-calibrating cavity pyrheliometers in terms of the Systems Internationale des Unites (SI units), which participated in the Tenth International Pyrheliometric Comparisons (IPC X) at Davos, Switzerland in September-October 2005.

Eppley recommends a minimum calibration cycle of five (5) years but encourages annual calibrations for highest measurement accuracy. Unless otherwise stated in the remarks section below or on the Sales Order, the results are "AS FOUND / AS LEFT".

Useful conversion facts: 1 cal cm^{-2} min^{-1} = 697.3 watts meter^{-2}
1 BTU/ft^2-hr^{-1} = 3.153 watts meter^{-2}

Shipped to: SLR International Corp.
Anchorage, AK

Date of Test: December 9, 2010

In Charge of Test: Debra L. Beaty

S.O. Number: 62797
Date: December 15, 2010

Reviewed by: Thomas D. Kuh

Remarks:

CERTIFICATE OF CALIBRATION AND TESTING

MODEL: **18802** (Comprised of Models 18820A Control Unit & 18830A Motor Assembly)
SERIAL NUMBER: C403255

R. M. Young Company certifies that the above equipment was inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

Nominal Motor Rpm	27106D Output Frequency Hz (1)	Calculated Rpm (1)	Indicated Rpm (2)
300	50	300	300
2700	450	2700	2700
5100	850	5100	5100
7500	1250	7500	7500
10,200	1700	10200	10200
12,600	2100	12600	12600
15,000	2500	15000	15000
☑ Clockwise and Counterclockwise rotation verified			

(1) Measured frequency output of RM Young Model 27106D standard anemometer attached to motor shaft 27106D produces 10 pulses per revolution of the anemometer shaft
(2) Indicated on the Control Unit LCD display

* Indicates out of tolerance

☐ New Unit	☒ Service / Repair Unit	☐ As Found
	☒ No Calibration Adjustments Required	☐ As Left

Traceable frequency meter used in calibration Model: DP5740 SN: 4863

Date of inspection 9-25-12
Inspection Interval One Year

Tested By RP

CERTIFICATE OF CALIBRATION AND TESTING

MODEL: **18802** (Comprised of Models 18820A Control Unit & 18830A Motor Assembly)
SERIAL NUMBER: CA03255

R. M. Young Company certifies that the above equipment was inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

Nominal Motor Rpm	27106D Output Frequency Hz (1)	Calculated Rpm (1)	Indicated Rpm (2)
300	50	300	300
2700	450	2700	2700
5100	850	5100	5100
7500	1250	7500	7500
10,200	1700	10200	10200
12,600	2100	12600	12600
15,000	2500	15000	15000
☒ Clockwise and Counterclockwise rotation verified			

(1) Measured frequency output of RM Young Model 27106D standard anemometer attached to motor shaft 27106D produces 10 pulses per revolution of the anemometer shaft

(2) Indicated on the Control Unit LCD display

* Indicates out of tolerance

☒ No Calibration Adjustments Required ☐ As Found ☐ As Left

Traceable frequency meter used in calibration Model: DP5740 SN: 48663

Date of inspection 9-13-11
Inspection Interval One Year

Tested By RP

Alaska Calibration, Inc.

Troubleshooting, Repair and Calibration of
Test & Measurement Equipment

Certificate of Calibration

WORK ORDER NO. 11703 **TRACEABILITY CERTIFICATE NO.** 11092204

ISSUED TO: SLR CONSULTING

INSTRUMENT: 15-077-8, Digital Thermometer, Fisher Scientific, S/N 21164797; calibrated with a standard stainless steel triple purpose 15-077-7 Probe, Fisher Scientific, S/N 21164148.

DATE CALIBRATED: September 22, 2011 **DATE DUE:** September 21, 2012

CERTIFIED BY METROLOGIST: E.P. Young **TEMPERATURE:** 73°F **HUMIDITY:** 44% RH

INCOMING STATUS: This instrument was in (XX) was out of ( ) tolerance when received.

CALIBRATION APPARATUS USED

MODEL	NOMENCLATURE	MFR	SERIAL NO.	DUE DATE
MK3900	Temperature Chamber	Delta Design	89308	NCR
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Made as Needed	Natural Phys. Const.
RFJA0T150CA060	Temperature Probe	Watlow/Gordon	A135	10/15/11
DP41-RTD	Digital Thermometer	Omega Engineering	4381337	10/30/11

CHARTED TEMPERATURE READINGS

Laboratory Probe	Test Instrument Thermometer	System Uncertainty +/-
-40.098°C	-40.137°C	0.009°C
-20.069°C	-20.102°C	0.009°C
+ 0.008°C	-0.039°C	0.009°C
+20.083°C	+20.088°C	0.009°C
+40.090°C	+40.099°C	0.009°C

RANGE/LIMITATIONS: Calibrated Between -40°C & +40°C.
PROCEDURE & ACCURACY STATEMENT: T.O. 33K5-4-42-1. Accuracy: +/- .05°C (.09°F). See Chart Above.

NIST TRACEABLE REPORT NUMBERS

MODEL	NOMENCLATURE	MFR	DUE DATE	REPORT
RFJA0TL150CA060	Temperature Probe	Watlow/Gordon	10/15/11	G10101509
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Natural Phys. Const.	Made as Needed

COMPLIANCE

Alaska Calibration, Inc.'s calibration practices and procedures comply with the requirements of ANSI/ ISO/IEC17025: 2005 and ANSI/NCSL/Z540-2: 1997 and ANSI/NCSL/Z540-3: 2006 and the relevant requirements of ISO 10012: 2003. The standards used are certified as being traceable to the National Institute of Standards and Technology (NIST), by comparison to SI units with laboratory standards in an unbroken chain of calibrations through appropriate primary and national measurement standards, derived from an acceptable value of a natural physical constant, or derived by the ratio type of self calibration techniques. This Certificate shall not be reproduced, except in full, without the written approval of Alaska Calibration, Inc.

1801 W. 48th Ave., Suite 9, Anchorage, Alaska 99517-3194 (907) 677-1993

Alaska Calibration, Inc.

Troubleshooting, Repair and Calibration of
Test & Measurement Equipment

Certificate of Calibration

WORK ORDER NO. 11490 TRACEABILITY CERTIFICATE NO. 11031802

ISSUED TO: SLR CONSULTING

INSTRUMENT: 61220-601 Digital Thermometer, VWR, S/N 21240068; calibrated with a standard stainless steel triple purpose 61220-604 Probe, VWR, S/N 72507600.

DATE DONE: March 18, 2011 DATE DUE: March 17, 2012

CERTIFIED BY METROLOGIST: E. P. Young E. P. Young TEMPERATURE: 73°F HUMIDITY: 42% RH

INCOMING STATUS: This instrument was in (XX) was out of ( ) tolerance when received.

CALIBRATION APPARATUS USED

MODEL	NOMENCLATURE	MFR	SERIAL NO.	DUE DATE
MK3900	Temperature Chamber	Delta Design	89308	NCR
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Made as Needed	Natural Phys. Const.
RFJA0T150CA060	Temperature Probe	Watlow/Gordon	A135	10/15/11
DP41-RTD	Digital Thermometer	Omega Engineering	4381337	10/30/11

CHARTED TEMPERATURE READINGS

Laboratory Probe	Test Instrument Thermometer	System Uncertainty +/-
-40.103°C	-39.892°C	0.009°C
-20.066°C	-19.927°C	0.009°C
+ 0.171°C	+0.085°C	0.009°C
+20.054°C	+20.104°C	0.009°C
+40.062°C	+40.123°C	0.009°C

RANGE/LIMITATIONS: Calibrated Between -50°C & +50°C.
PROCEDURE & ACCURACY STATEMENT: T.O. 33K5-5-344-1. Accuracy: See Chart Above.

NIST TRACEABLE REPORT NUMBERS

MODEL	NOMENCLATURE	MFR	DUE DATE	REPORT
RFJA0TL150CA060	Temperature Probe	Watlow/Gordon	10/15/11	G10091502
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Natural Phys. Const.	Made as Needed

COMPLIANCE

Alaska Calibration, Inc.'s calibration practices and procedures comply with the requirements of ANSI/ ISO/IEC17025: 2005 and ANSI/NCSL/Z540-2: 1997 and ANSI/NCSL/Z540-3: 2006 and the relevant requirements of ISO 10012: 2003. The standards used are certified as being traceable to the National Institute of Standards and Technology (NIST), by comparison to SI units with laboratory standards in an unbroken chain of calibrations through appropriate primary and national measurement standards, derived from an acceptable value of a natural physical constant, or derived by the ratio type of self calibration techniques. This Certificate shall not be reproduced, except in full, without the written approval of Alaska Calibration, Inc.

1801 W. 48th Ave., Suite 9, Anchorage, Alaska 99517-3194 (907) 677-1993

Technical Systems Audit Report
Pogo Mine Meteorological Monitoring Program

Sumitomo Metal Mining Pogo LLC
Delta Junction, AK

February 2012

AKreports@SLRconsulting.com
(907) 563-2137

Technical Systems Audit Report

Prepared for:

Sumitomo Metal Mining Pogo LLC
PO Box 145
Delta Junction, AK 99737

This document has been prepared by SLR International Corp. The material and data in this report were prepared under the supervision and direction of the undersigned.

Gregg Malinky
SLR QA Officer

Justin Frahm
SLR QA Auditor

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1. INTRODUCTION

The purpose of this system audit is to assess the Pogo ambient air monitoring system and SLR, the station operator, for compliance with established regulations as defined in the *Meteorological Monitoring Guidance for Regulatory Modeling Applications.* Section 8.4, USEPA-454/R-99-005, 2000, and quality assurance/quality control (QA/QC) procedures defined in the Pogo Mine Meteorological Monitoring Program Quality Assurance Project Plan (QAPP). The goal of this report is to present a clear, complete, and accurate picture of the monitoring program and SLR's ability to collect and report PSD quality data for meteorological monitoring.

Audit information was gathered from review of the QAPP, personnel interviews, and a site visit/meteorological audit which were all conducted in October 2011.

The Pogo Mine is a gold mine which has been in operation since 2006. It is located in the upper Goodpastor River valley approximately 35 miles northeast of Delta Junction, Alaska. The meteorological data is intended to be collected in accordance with the Prevention of Significant Deterioration (PSD) requirements and guidance. The data is being collected to be used for dispersion modeling for any future air quality permits applications that may be required as well as to support other environmental studies that may be prepared with an air quality component.

There are two complete meteorological monitoring stations: one is located east of the Pogo Mine airstrip at 415 meters elevation while the other is located on the ridge above the 1690 underground mine portal at approximately 695 meters elevation. The trees surrounding both stations were removed prior to the performance audit to ensure the sites meet the PSD siting requirements.

The airstrip monitoring site, PAR, is a slightly raised level gravel area across a gravel road from a wide yard used for equipment storage and for pipe welding. The immediate environs surrounding the station is a wide expanse of gravel with bushes and thin trees surrounding the cleared areas.

The ridge site, PRG, is along the vertex of a ridge where the bed rock breaks through the soft moss ground cover, creating a solid base for the tower. The trees surrounding the station have been cleared back to meet the PSD siting requirement that no obstacles exist within a distance that is ten times their height. The nearest sizeable obstacle is a microwave repeater shed approximately 50 meters away along the ridge.

Both towers are equipped with PSD quality meteorological monitoring equipment that monitors the following parameters:

1. **Wind Speed and Direction** (meters per second and degrees): Redundant R.M. Young model 5305 AQ wind speed and direction propeller anemometers
2. **Sigma Theta** (degrees): DAS calculated – Yamartino (1984) method
3. **Temperature** (degrees Centigrade): Redundant Climatronics 100093-2 thermistors
4. **Vertical Temperature** Difference (degrees Centigrade): Climatronics 10093-2 thermistor located at 2-meters and one at 10-meters
5. **Solar Radiation** (watts per meter squared): one Kipp&Zonen CMP11 thermopile and one Li-Cor LI-200 photovoltaic detector.
6. **Precipitation** (millimeters per hour): NovaLynx 260-2500E tipping bucket precip gauge.

The meteorological monitoring at Pogo Mine will run in accordance with EPA's PSD monitoring permit requirements and guidance including semiannual performance audit evaluations.

2. SYSTEMS AUDIT METHODOLOGY

A technical systems audit is a systematic and objective examination of a program or project to determine whether environmental collection activities and related results comply with the project's QAPP and other planning documents, are implemented effectively, and are suitable to achieve its data quality goals. A systems audit differs from a performance audit in that a performance audit challenges station sensors with transfer standards while a systems audit challenges the procedures in the QAPP with the actual procedures performed. It challenges what a QAPP says is to be done with what is actually done.

The systems audit consists of a question-answer format and site visits. The questionnaire is divided into eight major sections; 1) Monitoring Program Information, 2) Monitoring Program Staff, 3) General Site Information, 4) Standard Operating Procedures, 5) Documentation, 6) Data Processing, 7) QA/ QC, and 8) Comments and Suggestions.

Each systems audit can recommend that improvements be made. Successive systems audits revisit previous systems audits to monitor the status of prior recommendations thus keeping a high level of quality assurance. The QAPP is also reviewed to ensure consistency between it and field actions.

The information presented in this report was obtained by SLR's Quality Assurance Auditor, Justin Frahm, during site visits to the monitoring station and interviews with SLR project personnel.

3. SYSTEMS AUDIT RESULTS AND RECOMMENDATIONS

In general, the procedures, administration, and infrastructure of SLR in support of the Pogo Mine Meteorological Monitoring Program adhere closely to the regulations established for PSD meteorological monitoring. An evaluation of the systems audit reveals that SLR has the necessary organization, practical field experience, and work facilities. SLR has data processing procedures in place and a review of these procedures was conducted. It was concluded that these procedures are accurately collecting and screening data in accordance with PSD standards. The SLR staff is experienced, capable, and conscientious in following established procedures. The workspace and facilities are adequate for the project's current needs. The meteorological monitoring stations appear to be sited at the best available locations for obtaining the desired quality data. All meteorological sensors meet and/or exceed USEPA performance and siting requirements. The Pogo Mine Meteorological Monitoring Program has an effective QA/QC program that follows established and approved guidelines. An independent QA auditing program is in place.

The specific response to areas investigated during the audit is found in the systems audit questionnaire presented in Appendix A. Recommendations or concerns identified during the system audit are presented below.

1. The QAPP and monitoring sites have not yet been approved. ADEC has been very amenable to using an unapproved QAPP as a working document until the QAPP is approved and SLR has been good at following the unapproved QAPP and making no changes subject to review.
2. The ridge site is somewhat difficult to access being at the top of a ridge on the end of an ATV trail. This could make timely response to equipment failures or other corrective actions difficult to achieve, however Pogo Mine has in its possession a reliable 6-wheeler that can access the station all summer as well as snow machines and a helicopter for access at other times.
3. The system in place for getting data from the site data loggers to SLR personnel for review could cause additional difficulties in timely corrective actions; as things stand, Pogo Mine personnel recover data from the sites either through a radio link or by physically swapping memory cards in the datalogger and then email the data to SLR twice a week. This only gives SLR an opportunity to review the data twice a week at best. This poses as a risk to obtaining the required data capture by limiting SLR's ability to identify a problem on site in a timely manner and to respond before too many data have been compromised. It would greatly improve the reliability of data access and review to establish a fully automated telemetry system.

4. REFERENCES

5. State of Alaska Department of Environmental Conservation, *State of Alaska Quality Assurance Manual for Ambient Air Quality Monitoring*, Juneau, AK: ADEC, 1996

6. United States Environmental Protection Agency, *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD)*, EPA450/4-87-007: Research Triangle Park, NC: OAQPS, 1987

7. United States Environmental Protection Agency, *Meteorological Monitoring Guidance for Regulatory Modeling Applications*, EPA-454/R-99-005, EPA, Research Triangle Park, NC: OAQPS, 2000

8. United States Environmental Protection Agency, *Quality Assurance Handbook for Air Pollution Measurement Systems; Volume IV: Meteorological Measurements*, EPA/600/R-94/038d, Research Triangle Park, NC: ORD 1995

APPENDIX A

Systems Audit Questionnaire

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Initial Systems Audit Report for the Pogo Mine Meteorological Monitoring Program

Audit Date: 10/3/2011
Auditor: Justin Frahm
Affiliation: SLR International Corp

Interviewees:
Dominic Shallies – Project Manager
Brian Wilkinson – Station Operator

1. GENERAL SITE INFORMATION

1.1. Site Description

The Pogo Mine Meteorological Monitoring Program consists of two sites: one is located east of the Pogo Mine airstrip at 415 meters elevation while the other is located on the ridge above the 1690 underground mine portal at approximately 695 meters elevation. The trees surrounding both stations were removed prior to the performance audit to ensure the sties meet the PSD siting requirements.

The airstrip monitoring site is a slightly raised level gravel area across a gravel road from a wide yard used for equipment storage and for pipe welding. The immediate environs surrounding the station is a wide expanse of gravel with bushes and thin trees surrounding the cleared areas.

The ridge site is along the vertex of a ridge where the bed rock breaks through the soft moss ground cover, creating a solid base for the tower. The trees surrounding the station have been cleared back to meet the PSD siting requirement that no obstacles exist within a distance that is ten times their height. The nearest sizeable obstacle is a microwave repeater shed approximately 100 meters away along the ridge.

Each station consists of pairs of collocated wind speed / direction sensors, redundant ambient temperature sensors at both 2 meters and 10 meters above ground and redundant solar radiation sensors. Each site also consists of a single heated tipping bucket precipitation gauge.

1.2. Site Location

1.2.1. Coordinates

Coordinates as determined by auditor:

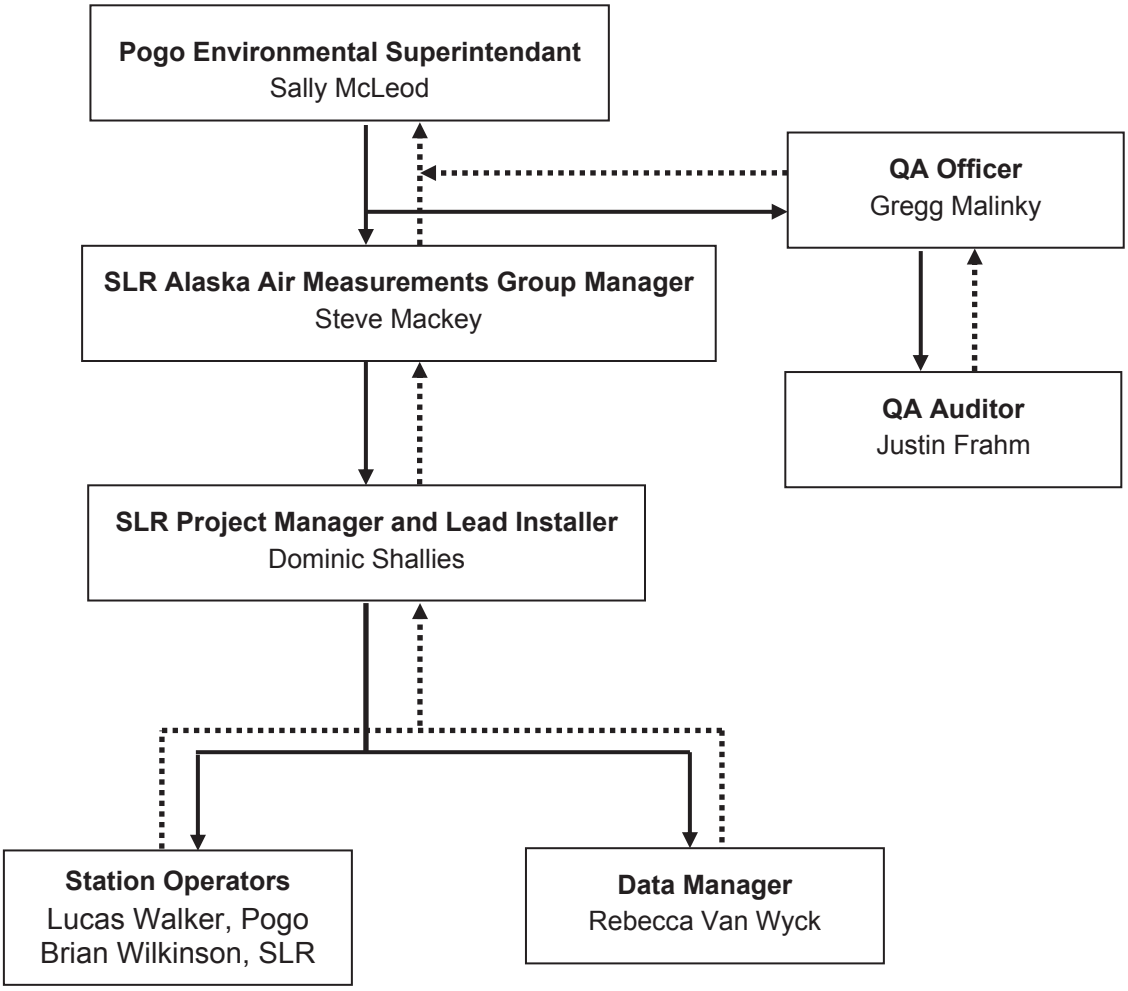
Airstrip Site		Ridge Site	
64.4669° N	144.9163° W	64.4529º N	144.9157° W

1.2.2. Appearance and Safety

Does the site appear clean, organized and well maintained?	Yes No	**Comments:** Both areas appear clean, organized and well maintained; The only traffic the sites see is from personnel specifically visiting those sites.
Does the site appear to be safe and reasonably hazard free?	Yes No	**Comments:** Site contains usual hazards associated with mine operation but tripping hazards and other dangers mitigated by having an un-cluttered site and visibly marking obstacles.
Does the site have a shelter for operators?	Yes No	**Comments:** Datalogger and radio are sheltered in weather proof enclosures.
Does the site have emergency equipment such as a first aid kit available?	Yes No	**Comments:** SLR personnel bring emergency equipment with them when visiting a site.
Does the site have adequate measures to prevent human tampering?	Yes No	**Comments:** Both sites are very remote and have restricted access. Security gates prevent unauthorized personnel from gaining entrance to the mine.
Does the site have adequate measures to prevent damage from animals?	Yes No	**Comments:** The enclosures are sufficient to prevent damage from rodents. Batteries are protected in a cooler then covered with a weather-sealed wooden crate. Ground cables and other communication wires are run through conduit and buried

2. MONITORING PROGRAM STAFF ORGANIZATION

2.1. Project Organization Chart



Line of authority: ——→

Line of reporting responsibility: ·····

2.2. Project Staff Training and Experience

List the project staff's training and experience.

Name: Steve Mackey
Program Position: SLR Alaska Air Measurements Group Manager
Training/Education/Experience: 30 years experience in Air Quality, and Air Monitoring. B.S. Mechanical Engineering. University of Washington.

Name: Dominic Shallies
Program Position: SLR Project Manager
Training/Education/Experience: 9 years experience in environmental monitoring and meteorological data collection. Specializes in PSD quality meteorological monitoring, station installation and operation, remote power systems and telemetry, and project management.

Name: Rebecca Van Wyck
Program Position: Data Manager
Training/Education/Experience: 10 years experience in data management and reporting, advanced statistical analysis and interpretation, and technical writing, editing, and presentation of data in the natural resource extraction and utility industries. B.S. Environmental Science Antioch University

Name: Gregg Malinky
Program Position: QA Officer
Training/Education/Experience: 15 plus years in water quality and data analysis. 3 yrs experience in air quality monitoring, auditing, and air measurement quality assurance.

Name: Justin Frahm
Program Position: QA Auditor
Training/Education/Experience: 1 year in air measurements, data monitoring and station operation. B.S. Engineering Physics. Colorado School of Mines.

- **Who is responsible for staff training?** Dominic Shallies, Project Manager

3. METEOROLOGICAL MONITORING STATION EQUIPMENT

3.1. Inventory

As necessary, the spare parts and sensors will be dispatched to the monitoring station when needed for repair or sensor replacement by qualified SLR personnel.

Table 3-1. Spare Parts on Hand

Parameters	Manufacturer	Model	Spare parts
Wind Speed	RM Young	05305-5	Extra propeller, bearings, hardware
Wind Direction	RM Young	05305-5	Extra bearings, hardware
Ambient Temperature	Climatronics	100093-2	Spare sensors, resistors
Delta Temperature	Climatronics	100093-2	Pair of matched spare sensors

3.2. Equipment Evaluation

Do all sensors appear to be clean, intact, in good condition and well maintained?

Yes
No

Comments: All sensors appeared to be clean and in good condition.

Are all sensors operational, online and reporting data?

Yes
No

Comments: All sensors are online and reporting data.

3.2.1 Data Acquisition System (DAS)

Is the DAS well protected from the elements with adequate room for maintenance?

Yes
No

Comments: The DAS is sheltered in a locked weather-proof enclosure.

Is the DAS rated for operation in the expected local temperature range?

Yes
No

Comments: DAS factory recommendation operating ranges are -25º to 50º C. Historical temperature readings are within this range with the exception of some extreme cold spells that dip below -25º C.

Are all sensor signal leads neatly and securely connected to the correct DAS channels?

Yes
No

Comments: All DAS/sensor interface connections were solidly connected.

Are all components of the DAS operational?	Yes No	**Comments**: All DAS components are operational.
Is the communications equipment operating correctly?	Yes No	**Comments**: All data was available at SLR office in Anchorage and is checked twice a week.
Does the DAS system have a stable power supply?	Yes No	**Comments**: Stations are connected to line power with solar panels and batteries for power backup.
Is the DAS properly grounded?	Yes No	**Comments:** DAS and all instruments are bonded to a grounding system.
Is the DAS system protected from lightning?	Yes No	**Comments**: Tower and other parts bonded to grounding system.

3.2.1. EPA Sensor Resolutions

Parameter	Observed Station Sensor Resolution	EPA Resolution Standard	Meets Standard?
Wind Speed	0.01 m/s	0.1 m/s	Y
Wind Direction	0.10 degree	1.0 degree	Y
Air Temperature (2 meter)	0.01 °C	0.1 °C	Y
Air Temperature (10 meter)	0.01* °C	0.1 °C	Y
Δ Temperature	0.01 °C	0.02 °C	Y
Solar Radiation (Kipp&Zonen)	0.8 W/m^2	10 W/m^2	Y
Solar Radiation (Li-Cor)	0.4 W/m^2	10 W/m^2	Y
Precipitation (Novalynx)	.25 mm	0.25 mm	Y

* Observed values contain error components from sensor resolution and the data acquisition system (signal processing, etc).

3.2.2. EPA Recommended Accuracy Standards

Parameter	Manuf. Claimed Equip. Accuracy	EPA Accuracy Standard	Meets Standard?
Wind Speed	±0.2 m/s	±0.2 m/s or 5% of observed	Y
Wind Direction	±3 º	±5 degrees	Y
Air Temperature (2 meters)	0.1º C	±0.5 °C	Y
Air Temperature (10 meters)	0.1º C	±0.5 °C	Y
Δ Temperature	0.1º C	±0.1 °C	Y
Solar Radiation	± 5%	±5% of observed	Y
Precipitation	±3% to 6 in/hr	0.5 mm	Y

3.2.3. EPA Recommended Response Standards

Parameter	Equipment Specifications	EPA Response Standard	Meets Standard?
Wind Speed			
Threshold:	0.4 m/s1	≤0.5 m/s	Y
Distance Constant:	2.1 m	≤5 m @ 1.2 kg/m^3	Y
Wind Direction			
Threshold:	0.5 m/s	≤0.5 m/s	Y
Damping Ratio:	0.45	0.4 to 1.7	Y
Delay Distance:	1.2 m	≤5 m @ 1.2 kg/m^3	Y
Air Temperature (2 meters)			
Time Constant:	10 Seconds	≤1 minute	Y
Air Temperature (10 meters)			
Time Constant:	10 Seconds	≤1 minute	Y
Δ Temperature (Primary)			
Time Constant:	10 seconds	≤1 minute	Y
Solar Radiation			
Time Constant:	10 µs	5 seconds	Y
Operating Range:	-40 ºC to +65ºC	-20 °C to +40 °C	Y
Spectral Response:	400-1100 nm	285 nm to 2800 nm	Y*
Precipitation			
Accuracy:	3% to 6 in/hr	Not Specified	Y
Range:	0 to 6 in/hr	Not Specified	Y
Resolution:	0.01 in	Not Specified	Y

* EPA allows data from second class pyranometers (LiCor station sensors) to be used in procedures for estimating air stability which is the intended use for this solar data.

3.3. Location

3.3.1. Tower

Do all obstructions exist below a 1:10 slope away from the tower base?	Yes No	**Comments:** The areas are cleared of all trees and sizeable obstacles.
Is the distance between the instruments and any obstruction at least ten times the height of the obstruction?	Yes No	**Comments:** See above comment.
Is the height of the tower 10 meters above the ground?	Yes No	**Comments:** Temperature sensors are at a height of 2 meters and 10 meters. Wind sensors area at a height of 11 meters.
Is the tower stable and plumb?	Yes No	**Comments:** The towers are secured by guy lines and plumb.

3.3.2. Wind Speed and Wind Direction Sensors

Is the horizontal distance between the instrument and any obstruction at least 10 times the height of the obstruction?	Yes No	**Comments:** The areas are cleared of all trees and sizeable obstacles.
Is the instrument 1.5 times the height of the building above the roof or 10 meters above the ground?	Yes No	**Comments:** The wind instruments meet or exceed these criteria.
Are the wind speed and wind direction sensors stable and plumb?	Yes No	**Comments:** The wind instruments are securely mounted to the tower.
Is the distance of the sensor on the cross-arm/mast at least twice the diameter of the tower?	Yes No	**Comments:** Wind sensors are mounted on a 6 foot crossarm. Tower diameter is 14 inches.

3.3.3. Air Temperature, Air Temperature Difference, and Relative Humidity Sensors

Are the main sensors mounted over open level ground at least 9 meters in diameter and at least 2 meters above ground?	Yes No	**Comments:** The sensors are in a cleared area mounted onto a tower at 2 meters above ground.
Are the two temperature difference probes located at a height of 2 meters and 10 meters above the ground?	Yes No	**Comments:**
Is the ground beneath the temperature sensor natural native material?	Yes No	**Comments:** The airport station is over a gravel pad laid out and smoothed for the station. The ridge site is over natural bed rock and moss covering ground.
Is the site free of any man-made features exist that could create bias temperature data (e.g. asphalt, concrete, exhaust plumes, etc.)?	Yes No	**Comments:**
Is the site free of any natural features that could create bias temperature data (e.g. open water, sloping ridge, etc.)?	Yes No	**Comments:**
Are the temperature sensors protected from the influence of solar radiation?	Yes No	**Comments:** All temperature sensors at the station are in housed in fan aspirated solar radiation shields.
Are the sensors located at least four times the distance from the height of the obstruction?	Yes No	**Comments:** There are no obstacles in the area of either tower.
Are the sensors located at least 30 meters from large paved areas?	Yes No	**Comments:** There are no paved areas in the vicinity of either tower.

Are the temperature sensors used for differential measurements located in identical aspirated shields?	Yes No	**Comments:** All sensors used for delta T measurements are housed in identical aspirated shields. Shields have fan powered by DC which aspirates sensors.

3.3.4. Solar Radiation

Is the instrument situated above the plane of any obstructions that could cast shadows on the instrument?	Yes No	**Comments:** Solar sensors are 4 meters above the ground and mounted on the south side of the tower. The sensor is mounted on a bracket that is level and sits 1 meter from the tower. There are no obstructions that could cast a shadow.
Is the sensor situated to the south of the tower in order to minimize obstruction from the tower?	Yes No	**Comments**: See above.

3.3.5. Precipitation

Are all obstructions to the wind farther away from the gauge than the obstruction height?	Yes No	Both stations have precip gauges installed above the base of a 45 degree guy line to the main tower in order to minimize ground disturbance. This places the tower just at the limit, however the Rohn 25G tower does not constitute a very significant obstruction to wind.
If located in an open and windy are, is a windshield being used?	Yes No	Both precip gauges have windshields installed with them.
Is the area surrounding the rain gauge covered by natural vegetation or gravel?	Yes No	The airport station has gravel under the gauge, the ridge station has natural moss.
Is the instrument mounted at least 30 cm above ground?	Yes No	Both precip gauges are mounted on vertical posts above the ground.
Is the instrument mounted level?	Yes No	

4. STANDARD OPERATING PROCEDURES

4.1. General

Is the station visited on a preset schedule?	**Yes** No	**Comments:** Yes-for audits and calibrations.
Have standard SOPs been developed, and are the station operators following them?	**Yes** No	**Comments:** SOPs have been established and are provided in the QAPP or at SLR. Follow-up systems audit will determine if they have been followed.
Does the operator follow a preventative maintenance schedule?	**Yes** No	**Comments:** Preventative maintenance is not generally needed. The sensors are monitored regularly and repaired as needed.
Are site visits and maintenance activities properly documented in the Station Activity Log?	**Yes** No	**Comments:** An electronic version of the Station Activity Log called a Site Visit Memo is employed at SLR.
Has the operator attended any formal training for operating meteorological monitoring stations?	Yes **No**	**Comments:** Operator does not have formal training in meteorological monitoring stations, but is well versed in electronics and instrumentation in related fields.
Is the operator knowledgeable and competent regarding effective operation of the station?	**Yes** No	**Comments:** The operator is competent and knowledgeable.
Are copies of the NIST certifications for the calibration equipment made available?	**Yes** No	**Comments:** Original certifications are kept on file and a scanned copy is stored electronically on the SLR server.

4.2. DAS and Meteorological Sensors

Are regular multipoint QC checks performed on the DAS?	**Yes** No	**Comments:** Calibrations are performed semiannually and as needed.

Are regular multipoint QC checks performed on the meteorological sensors?	Yes No	**Comments:** Calibrations are performed semiannually and as needed.
Are the sensors visually inspected for defects and problems?	Yes No	**Comments:** They are inspected at the time of installation, at audit and at calibration.
Are ambient conditions compared with sensor readings from the DAS?	Yes No	**Comments:** Data are compared to National Weather Service station at Delta Junction Airport for reporting.
Are data frequently reviewed for reasonableness and completeness?	Yes No	**Comments:** Data is reviewed twice a week.
Is a copy of the datalogger program made available for review?	Yes No	**Comments:** DAS programs are stored electronically on an SLR server where they are available for review and changes.

5. DOCUMENTATION

5.1. System Reference and Maintenance Manuals

Does the operator have all required DAS and instrument manuals?	**Yes** No	**Comments:** All DAS and instrument manuals are stored at the SLR office as well as on the SLR server.
Does the operator have configuration and wiring schematics specific to the station?	**Yes** No	**Comments:** Wiring diagrams are done as a matter of course when designing and building such a station. They are kept at the SLR office.

5.2 Station Operations Manuals and Report Forms

Is the Monitoring/QA plan comprehensive and reflective of the actual installation?	**Yes** No	**Comments:** A review of the QA plan shows an accurate description of the station and sensor array.
Does the station have an activity log?	**Yes** No	**Comments:** All station activities are documented electronically at the SLR offices via their Site Visit Memos.
Does the station have a Site Visit Log and Checklist Form?	**Yes** No	**Comments:** Pogo Mine personnel keep a hard copy of each Site Visit Form in their offices. SLR uses an electronic Site Visit Form at the SLR offices.
Does the station have an adequate Operations Manual?	Yes **No**	**Comments:** No formal operations manual exists. However, the QAPP, SOPs, sensor manuals, forms, etc., constitute an unbound manual. All the pieces exist and are readily available from the Station Operator or Project Manager.
Does the station have an adequate Calibration Report Form and how will copies of previous calibrations be kept?	**Yes** No	**Comments:** Report forms are adequate and past calibrations are stored electronically on a server at the SLR offices.
Are report forms and site logs properly completed and current?	**Yes** No	**Comments:** All report forms and logs appear to be current and active.

6. DATA PROCESSING

6.1. Data Collection

Is the monitoring station polled on a regular basis?	Yes No	**Comments:** A Campbell Scientific CR1000 datalogger is used to collect and store the continuous meteorological data. Hourly averages are accumulated every hour by the datalogger and data is downloaded from the datalogger twice a week.

Indicate how the data is handled for data processing after being imported from the DAS. All raw data are initially stored on the main SLR server. Data are reviewed using an Excel QA spreadsheet. Logic programs are imbedded in the spreadsheets that search the raw data and flag any outlying discrepancies. Graphs are generated to quickly assess data trends and look for outliers. Suspect data is further investigated to determine if it should be included or invalidated. Finalized data are saved for reporting and archiving.

Are procedures in place for backing up raw data?	Yes No	**Comments:** The data is stored on the SLR server which is backed up daily by another server in Anchorage.

- **How often are backup raw data files created**? Daily
- **How long are backup records retained?** 5 Years

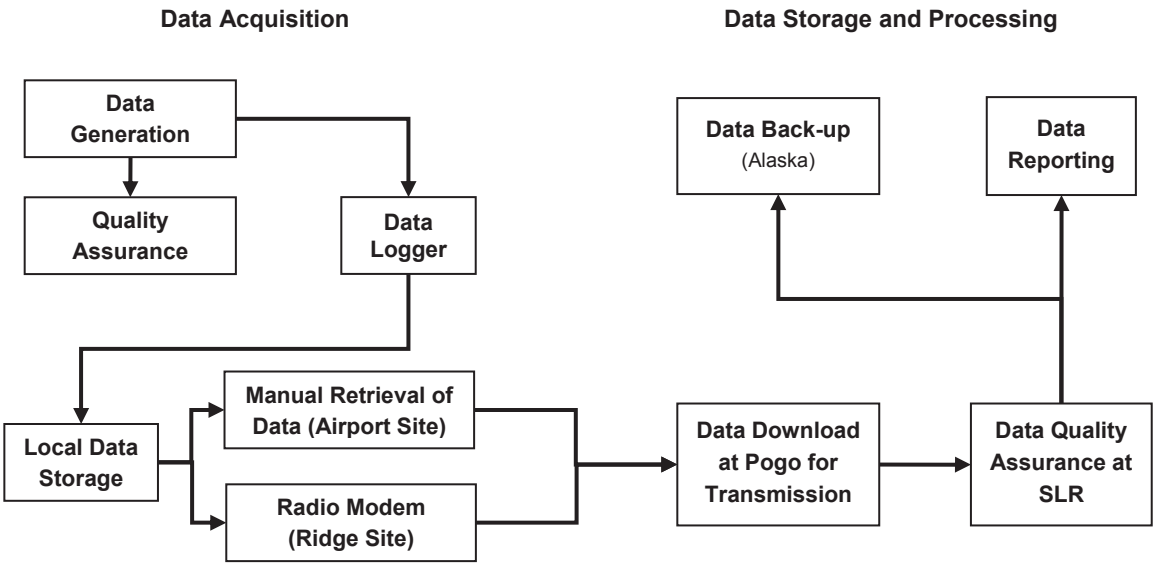
Are hard copies of data being kept in case of computer failure?	Yes No	**Comments:** Only hardcopies of the finalized data are kept, i.e., hardcopy data are preserved in the archived annual reports. Daily hardcopies of the working data are not kept. As a matter of course several electronic copies exist while the data are being reviewed. After data is uploaded to the database, at least two copies of it exist in two different storage locations – one on a backup server here in Anchorage and one on a server off premises. The IT department has independent power supplies and other safeguards to protect against data loss.

Are written procedures for data handling available for the project?	Yes No	**Comments:** Procedures are available in the QAPP.

6.2. Data and Sample Handling

- **Diagram the data flow from monitoring equipment to submission of final report.**

6.3. Data Validation



Are data validation procedures established and in use? Yes No **Comments:** See below

Describe data validation procedure. As previously described, data are reviewed using Excel spreadsheets with embedded formulas and logic. These sheets screen the raw data using embedded logic procedures and flag any data that are outside the acceptable EPA criteria for PSD monitoring. Data is also reviewed by the Data Manager, Station Operator, and Project Manager to further determine its validity.

- **Identify any procedures for flagging data (outliers) and procedures used to determine validity of flagged data.** Data is flagged using the methods described above. Flagged data are further reviewed by the Data Manager and Project Manager and an effort made to determine the cause of the discrepancies. Flagged data that are considered outside the acceptable limits are invalidated and removed from the final datasets. If data is invalidated, it is flagged as such and the reason why is noted in the correct file column.

- **Identify those responsible with data validation.**

Name: Dominic Shallies
Position: Project Manager
Affiliation: SLR

Name: Rebecca Van Wyck
Position: Data Manager
Affiliation: SLR

- **Identify how periods of missing or invalidated data are handled.** Missing or invalidated data are flagged and removed from the final datasets. All data are investigated as to the cause of discrepancies and corrective actions are implemented to resolve the problems. Calculations and statistics are performed on the final datasets sans invalidated data.

Are adjusted and unadjusted data sets maintained?	Yes No	**Comments:** Both raw and processed data are maintained.

6.4. Data Capture

- **Identify the desired data capture rate for the monitoring data.**

Air Monitoring Data Type	Desired Capture Rate	Actual Capture Rate
Meteorological	90%	NA

Are the desired data capture rates being met for each data type?	Yes No	**Comments:** Data capture rates are progressing well due to the redundant sensor configuration of the station.

6.5. Corrective Actions

Are procedures established for initiating corrective actions within the data processing steps?	Yes No	**Comments:** Corrective actions most often originate from within a QA or processing step since data discrepancies are often indicative of equipment problems requiring corrective action. Corrective action procedures are identified in the QAPP and are initiated whenever discrepancies arise.

- **Describe procedures for tracking and closing corrective actions.** Corrective actions are identified from the data sets or during QA/QC performance audits. Depending on the nature of the deficiency and the travel restrictions to the site, a response will be made as soon as possible. In practice corrective action is usually taken within 24 hours of identification of the deficiency. Actions to correct deficiencies will be addressed and documented in audit reports and Corrective Action Forms. All corrective actions will be discussed in the annual data report.

6.6. Data Reporting

Are annual data reports being submitted for the site?	Yes No	**Comments:** Annual data reports will be submitted.
Is qualified staff prior to submittal of data reports making reviews of the report?	Yes No	**Comments:** Final data reports will be reviewed by a certified staff meteorologist of SLR prior to submittal.
Is finalized data set submitted with report to DEC?	Yes No	**Comments:** All findings will be reported to ADEC in a formalized document that follows recommended formats.

7. QUALITY ASSURANCE AND QUALITY CONTROL

7.1. Quality Assurance Program

Has a quality assurance plan been written that describes adequate quality assurance procedures?	**Yes** No	**Comments:** A QAPP has been written and is being used as a working QAPP though as yet unapproved by ADEC. This QAPP accurately describes QA procedures.
Is a copy of the plan available to field and data processing personnel?	**Yes** No	**Comments:** Final QAPP documents are available for review in the SLR offices.
Has the quality assurance plan been approved by the ADEC?	Yes **No**	**Comments:** The QAPP has not yet been approved. The QAPP is being used as a working document in its unapproved form.

- **Identify those person(s) responsible for updating the plan and the procedure for updating the plan.**

Name: Steve Mackey/Al Trbovich
Position: Project Manager /Permitting Manager
Affiliation: Hoefler Consulting Group

Changes to the QAPP after approval are rare. Concerns are generally addressed prior to approval. In the event of a change SLR Project Manager will initiate action to update QAPP. Steve Mackey and/or Dominic Shallies will initiate contact with state and local agencies concerning the change. The change will be submitted to the agencies for approval. Upon approval, the necessary SLR personnel will be notified and the change documentation kept on file.

7.2. Quality Assurance Methods and Audits

Have adequate audit procedures been identified within the quality assurance plan?	**Yes** No	**Comments:** Semi-annual performance audit have been scheduled and defined in the QAPP.
Does the plan adequately document the correct criteria for audit accuracy and precision?	**Yes** No	**Comments:** All data validation and instrument performance tables accurately depict the criteria for audit accuracy and precision.

Have audits been conducted on the suggested schedule of every six months?	Yes No	**Comments:** Performance audits are scheduled within the required time period. Only the initial startup audit has been conducted.

- **Identify the person(s) responsible for conducting audits on the monitoring instrumentation.**

Name: Justin Frahm
Position: Independent Quality Assurance Auditor
Affiliation: SLR International Corp

8. RESULTS AND RECCOMMENDATIONS

In general, the procedures, administration, and infrastructure of SLR in support of the Pogo Mine Meteorological Monitoring Program adhere closely to the regulations established for PSD meteorological monitoring. An evaluation of the systems audit reveals that SLR has the necessary organization, practical field experience, and work facilities. SLR has data processing procedures in place and a review of these procedures was conducted. It was concluded that these procedures are accurately collecting and screening data in accordance with PSD standards. The SLR staff is experienced, capable, and conscientious in following established procedures. The workspace and facilities are adequate for the project's current needs. The meteorological monitoring station appears to be sited at the best available location for obtaining the desired quality data. The delta temperature instrument probes and all other meteorological sensors meet and/or exceed USEPA performance and siting requirements. The Pogo Mine Meteorological Monitoring Program has an effective QA/QC program that follows established and approved guidelines. An independent QA auditing program is in place.

Recommendations or concerns identified during the system audit are presented below.

4. The QAPP and monitoring sites have not yet been approved. ADEC has been very amenable to using an unapproved QAPP as a working document until the QAPP is approved and SLR has been good at following the unapproved QAPP and making no changes subject to review.
5. The ridge site is somewhat difficult to access being at the top of a ridge on the end of an ATV trail. This could make timely response to equipment failures or other corrective actions difficult to achieve, however Pogo Mine has in its possession a reliable 6-wheeler that can access the station all summer as well as snow machines and a helicopter for access at other times.
6. The system in place for getting data from the site data loggers to SLR personnel for review could cause additional difficulties in timely corrective actions; as things stand, Pogo Mine personnel recover data from the sites either through a radio link or by physically swapping memory cards in the datalogger and then email the data to SLR twice a week. This only gives SLR an opportunity to review the data twice a week at best. This poses as a risk to obtaining the required data capture by limiting SLR's ability to identify a problem on site in a timely manner and to respond before too many data have been compromised. It would greatly improve the reliability of data access and review to establish a fully automated telemetry system.

APPENDIX B

Forms and Spec Sheets

Station Checklist & Corrective Action Form

Job Number: _____

Job Title: _____

Name: _____ Company: _____ Date: _____

Reason for Visit: _____

Photos Taken? Yes ☐ No ☐ Data Invalidated? Yes ☐ No ☐

Checklist

Tower/Structures:

- ☐ Check tower /structures for stability, ensure that guy wires are taut and all clamping hardware is in good condition.
- ☐ Check that all sensors are securely mounted to tower. This includes antennas and enclosures.
- ☐ Check for excessive ice build-up on tower, sensor mounts, and solar panels (if applicable).
- ☐ Check for damaged instrument and power cables, check propane level (if applicable).

Wind Sensor:

- ☐ Check to see if wind cups/prop and vane is in good condition and moving freely.
- ☐ Check for excessive ice or snow build-up on sensor. If so clear (if possible).
- ☐ After clearing ice or snow, check to see if sensor can move freely in all directions.
- ☐ Clear ice or snow off of wind sensor cross arm (if possible).
- ☐ DAS outputs reasonable?

All other sensors:

- ☐ Clear any ice or snow from sensors, brackets, mounts and aspirator inlets.
- ☐ Check that aspirators and/or ventilators are running properly.
- ☐ Check condition of precipitation/evaporation gauges (if applicable).
- ☐ Check that solar sensors are level and clean.
- ☐ DAS outputs reasonable?

Comments:

Corrective Action (if necessary)

I. Proposed Corrective Action (*Problem Summary & Recommended Action)*

II. Results of Proposed Action ***Date:*****_____**

Key Individuals	*Confirmation (initials)*	*Date*
Station Operator:		
Project Manager:		
Data Manager:		
Station Owner (if necessary):		

Inspector signature: _____

Notified Project/Station Manager upon completion? Yes ☐ No ☐

White: Project/Station Manager Yellow: Station Copy Pink: Air Team Leader

CR1000 Specifications

Electrical specifications are valid over a -25° to +50°C range unless otherwise specified; non-condensing environment required. To maintain electrical specifications, Campbell Scientific recommends recalibrating dataloggers every two years. We recommend that the system configuration and critical specifications are confirmed with Campbell Scientific before purchase.

PROGRAM EXECUTION RATE

10 ms to 30 min. @ 10 ms increments

ANALOG INPUTS

8 differential (DF) or 16 single-ended (SE) individually configured. Channel expansion provided by AM16/32B and AM25T multiplexers.

RANGES and RESOLUTION: Basic resolution (Basic Res) is the A/D resolution of a single conversion. **Resolution of DF measurements with input reversal is half the Basic Res.**

	Input Referred Noise Voltage	
Input Range (mV)[1]	*DF Res (µV)*[2]	*Basic Res (µV)*
±5000	667	1333
±2500	333	667
±250	33.3	66.7
±25	3.33	6.7
±7.5	1.0	2.0
±2.5	0.33	0.67

[1]Range overhead of ~9% exists on all ranges to guarantee that full-scale values will not cause over-range.

[2]Resolution of DF measurements with input reversal.

ACCURACY[3]:
±(0.06% of reading + offset), 0° to 40°C
±(0.12% of reading + offset), -25° to 50°C
±(0.18% of reading + offset), -55° to 85°C (-XT only)

[3]The sensor and measurement noise are not included and the offsets are the following:

Offset for DF w/input reversal = 1.5·Basic Res + 1.0 µV
Offset for DF w/o input reversal = 3·Basic Res + 2.0 µV
Offset for SE = 3·Basic Res + 3.0 µV

INPUT NOISE VOLTAGE: For DF measurements with input reversal on ±2.5 mV input range; digital resolution dominates for higher ranges.

250 µs Integration: 0.34 µV RMS
50/60 Hz Integration: 0.19 µV RMS

MINIMUM TIME BETWEEN VOLTAGE MEASUREMENTS: Includes the measurement time and conversion to engineering units. For voltage measurements, the CR1000 integrates the input signal for 0.25 ms or a full 16.66 ms or 20 ms line cycle for 50/60 Hz noise rejection. DF measurements with input reversal incorporate two integrations with reversed input polarities to reduce thermal offset and common mode errors and therefore take twice as long.

250 µs Analog Integration: ~1 ms SE
1/60 Hz Analog Integration: ~20 ms SE
1/50 Hz Analog Integration: ~25 ms SE

INPUT LIMITS: ±5 V

DC COMMON MODE REJECTION: >100 dB

NORMAL MODE REJECTION: 70 dB @ 60 Hz when using 60 Hz rejection

SUSTAINED INPUT VOLTAGE W/O DAMAGE: ±16 Vdc max.

INPUT CURRENT: ±1 nA typical, ±6 nA max. @ 50°C; ±90 nA @ 85°C

INPUT RESISTANCE: 20 Gohms typical

ACCURACY OF BUILT-IN REFERENCE JUNCTION THERMISTOR (for thermocouple measurements):
±0.3°C, -25° to 50°C
±0.8°C, -55° to 85°C (-XT only)

ANALOG OUTPUTS

3 switched voltage, active only during measurement, one at a time.

RANGE AND RESOLUTION: Voltage outputs programmable between ±2.5 V with 0.67 mV resolution.

ACCURACY: ±(0.06% of setting + 0.8 mV), 0° to 40°C
±(0.12% of setting + 0.8 mV), -25° to 50°C
±(0.18% of setting + 0.8 mV), -55° to 85°C (-XT only)

CURRENT SOURCING/SINKING: ±25 mA

RESISTANCE MEASUREMENTS

MEASUREMENT TYPES: The CR1000 provides ratiometric measurements of 4- and 6-wire full bridges, and 2-, 3-, and 4-wire half bridges. Precise, dual polarity excitation using any of the 3 switched voltage excitations eliminates dc errors.

RATIO ACCURACY[4]: Assuming excitation voltage of at least 1000 mV, not including bridge resistor error.

±(0.04% of voltage reading + offset)/V_x

[4]The sensor and measurement noise are not included and the offsets are the following:

Offset for DF w/input reversal = 1.5·Basic Res + 1.0 µV
Offset for DF w/o input reversal = 3·Basic Res + 2.0 µV
Offset for SE = 3·Basic Res + 3.0 µV

Offset values are reduced by a factor of 2 when excitation reversal is used.

PERIOD AVERAGING MEASUREMENTS

The average period for a single cycle is determined by measuring the average duration of a specified number of cycles. The period resolution is 192 ns divided by the specified number of cycles to be measured; the period accuracy is ±(0.01% of reading + resolution). Any of the 16 SE analog inputs can be used for period averaging. Signal limiting are typically required for the SE analog channel.

INPUT FREQUENCY RANGE:

Input	*Signal (peak to peak)*[5]		*Min.*	*Max*[6]
Range	*Min*	*Max*	*Pulse W.*	*Freq.*
±2500 mV	500 mV	10 V	2.5 µs	200 kHz
±250 mV	10 mV	2 V	10 µs	50 kHz
±25 mV	5 mV	2 V	62 µs	8 kHz
±2.5 mV	2 mV	2 V	100 µs	5 kHz

[5]The signal is centered at the datalogger ground.

[6]The maximum frequency = 1/(Twice Minimum Pulse Width) for 50% of duty cycle signals.

PULSE COUNTERS

Two 24-bit inputs selectable for switch closure, high-frequency pulse, or low-level AC.

MAXIMUM COUNTS PER SCAN: 16.7×10^6

SWITCH CLOSURE MODE:
Minimum Switch Closed Time: 5 ms
Minimum Switch Open Time: 6 ms
Max. Bounce Time: 1 ms open w/o being counted

HIGH-FREQUENCY PULSE MODE:
Maximum Input Frequency: 250 kHz
Maximum Input Voltage: ±20 V
Voltage Thresholds: Count upon transition from below 0.9 V to above 2.2 V after input filter with 1.2 µs time constant.

LOW-LEVEL AC MODE: Internal AC coupling removes AC offsets up to ±0.5 V.

Input Hysteresis: 12 mV @ 1 Hz
Maximum ac Input Voltage: ±20 V
Minimum ac Input Voltage:

Sine wave (mV RMS)	*Range (Hz)*
20	1.0 to 20
200	0.5 to 200
2000	0.3 to 10,000
5000	0.3 to 20,000

DIGITAL I/O PORTS

8 ports software selectable, as binary inputs or control outputs. C1-C8 also provide edge timing, subroutine interrupts/wake up, switch closure pulse counting, high frequency pulse counting, asynchronous communications (UART), SDI-12 communications, and SDM communications.

HIGH-FREQUENCY PULSE MAX: 400 kHz

SWITCH CLOSURE FREQUENCY MAX: 150 Hz

OUTPUT VOLTAGES (no load): high 5.0 V ±0.1 V; low <0.1

OUTPUT RESISTANCE: 330 ohms

INPUT STATE: high 3.8 to 16 V; low -8.0 to 1.2 V

INPUT HYSTERESIS: 1.4 V

INPUT RESISTANCE: 100 kohms

SERIAL DEVICE/RS-232 SUPPORT: 0 to 5 V UART

SWITCHED 12 V

One independent 12 V unregulated sources switched on and off under program control. Thermal fuse hold current = 900 mA @ 20°C, 650 mA @ 50°C, 360 mA @ 85°C.

SDI-12 INTERFACE SUPPORT

Control ports 1, 3, 5, and 7 may be configured for SDI-12 asynchronous communications. Up to ten SDI-12 sensors are supported per port. It meets SDI-12 Standard version 1.3 for datalogger mode.

CE COMPLIANCE

STANDARD(S) TO WHICH CONFORMITY IS DECLARED: IEC61326:2002

CPU AND INTERFACE

PROCESSOR: Renesas H8S 2322 (16-bit CPU with 32-bit internal core)

PROTOCOLS SUPPORTED: PakBus, Modbus, DNP3, FTP, HTTP, XML, POP3, SMTP, Telnet, NTCIP, NTP, SDI-12, SDM

MEMORY: 2 MB of Flash for operating system; 4 MB of battery-backed SRAM for CPU usage, program storage and data storage.

CLOCK ACCURACY: ±3 min. per year

PARALLEL INTERFACE: 40-pin interface for attaching CompactFlash or Ethernet peripherals

SERIAL INTERFACES: CS I/O port is used to interface with Campbell Scientific peripherals; RS-232 DCE port is for battery-powered computer or non-CSI modem connection. Baud rates are selectable from 300 bps to 115.2 kbps. ASCII protocol is one start bit, one stop bit, eight data bits, and no parity.

SYSTEM POWER REQUIREMENTS

VOLTAGE: 9.6 to 16 Vdc (reverse polarity protected)

TYPICAL CURRENT DRAIN:
Sleep Mode: ~0.6 mA
1 Hz Scan (8 diff. meas., 60 Hz rej., 2 pulse meas.)
w/RS-232 communication: 19 mA
w/o RS-232 communication: 4.2 mA
1 Hz Scan (8 diff. meas., 250 µs integ., 2 pulse meas.)
w/RS-232 communication: 16.7 mA
w/o RS-232 communication: 1 mA
100 Hz Scan (4 diff. meas., 250 µs integ.)
w/RS-232 communication: 27.6 mA
w/o RS-232 communication: 16.2 mA

CR1000KD CURRENT DRAIN:
Inactive: negligible
Active w/o backlight: 7 mA
Active w/backlight: 100 mA

EXTERNAL BATTERIES: 12 Vdc nominal

PHYSICAL

MEASUREMENT & CONTROL MODULE SIZE: 8.5" x 3.9" x 0.85" (21.6 x 9.9 x 2.2 cm)

CR1000WP WIRING PANEL SIZE: 9.4" x 4" x 2.4" (23.9 x 10.2 x 6.1 cm); additional clearance required for serial cable and sensor leads.

WEIGHT: 2.1 lbs (1 kg)

WARRANTY

3-years against defects in materials and workmanship.

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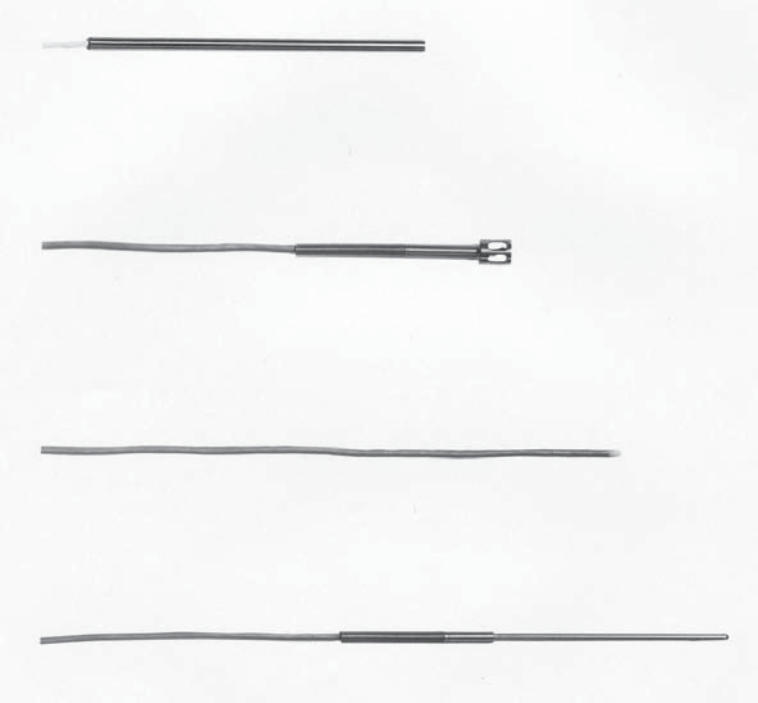
TEMPERATURE SENSORS

FEATURES:

- **Maintenance Free**
- **Versatile**
- **Highly Accurate**
- **Durable**



Capable of meeting virtually any ambient measurement need, Climatronics' temperature sensors are accurate durable, and linear over a wide range, can be provided with NIST traceable calibration, and are well matched for high accuracy delta temperature applications.

The Air, Water/Soil, and Expanded Range Sensors encase a thermistor bead in a stainless steel or vinyl sheath. This casing, combined with Climatronics' temperature shield, gives the thermistor bead protection from solar radiation, precipitation, and corrosive, airborne particles. Such configurations transfer heat as rapidly as possible, yielding a typical time constant of 3.6 seconds. When direct exposure of the thermistor to the media being measured is permissible, our Fast Response Sensor reduces the time constant to a minimal 0.6 seconds.

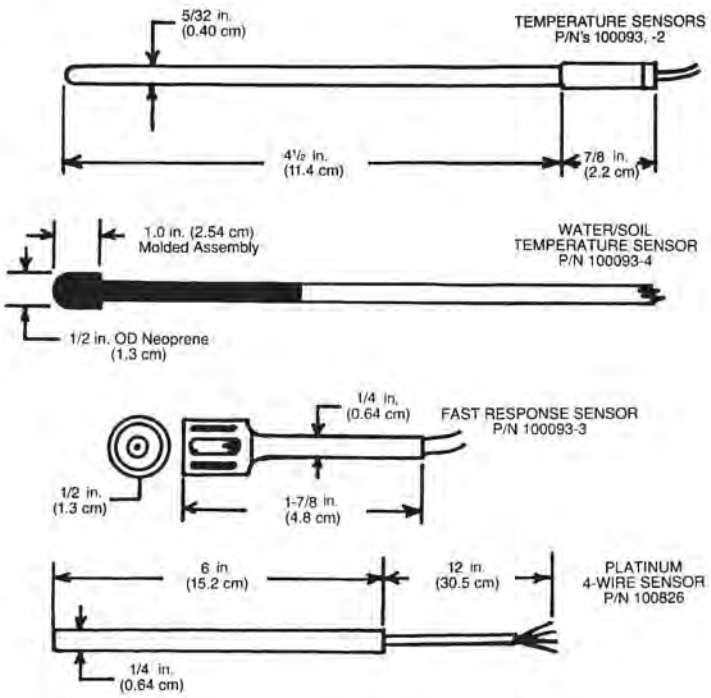
A second type of sensor, Platinum 4-Wire, operates on the principle that electrical resistance of a pure metal increases with temperature. Platinum's superior linearity, stability, sensitivity and resistance to corrosion, make it an ideal practical choice. The unit's four-wire design automatically compensates for possible lead resistance errors, and it is supplied with certified NIST traceability.

Sensors install easily in Climatronics' temperature shields. The TS-10 Motor Aspirated Shield, P/N 100325, provides a constant airflow past the sensor (as discussed in the TS-10 data sheet), while the Naturally Aspirated Shields (P/N 102818 or P/N 102080), rely on ambient air flow or convection for sensor aspiration.

Please consult Climatronics for assistance with the proper combination of sensor, shield, cable, and data acquisition electronics to meet your specific monitoring requirements.

SPECIFICATIONS:

	Air, Water/Soil P/N's 100093 (102090*) 100093-4 #	Expanded Range P/N 100093-2 (102096*)	Fast Response P/N 100093-3	Platinum 4-Wire P/N100826 (102092*)
Accuracy	±0.27°F (±0.15°C) from -30° to +50°C ±0.90°F (±0.50°C) from +50° to +70°C	±0.18°F** (±0.10°C) over full range	±0.27°F (±0.15°C) over full range	±0.18°F (±0.1°C)
Range	-22.0° to 158.0°F (-30.0° to 70.0°C)	-58.0° to 122°F (50.0° to 50.0°C)	-22.0° to 122.0°F (-30.0° to 50.0°C)	-58.0° to 212.0°F (-50.0° to 100.0°C)
Time Constant	3.6s	3.6s	0.6s	5.5s
Interchangeability	±0.27°F (±0.15°C)	±0.18°F (±0.10°C)	±0.27°F (±0.15°C)	±0.45°F(±0.25°C) can be compensated
Linearity	±0.29°F (±0.16°C)	±0.25°F (±0.16°C)	±0.29°F (±0.16°C)	±0.09°F (±0.05°C) included in accuracy
Leads	3	4	3	4
Dimensions Diameter:	5/32 in. (0.40cm) 0.5 in. (1.3 cm) #	5/32 in. (0.40cm)	½ in. (0.64 cm)	¼ in. (0.64 cm)
Length:	4.5 in. (11.4 cm) 1.0 in. (2.54 cm)#	4.5 in. (11.4 cm)	1-78 in (4.8cm)	6.0 in. (15.2 cm)



** Can be improved to ± 0.08°C with 0.02% accuracy composite resistors.
* Includes MS Connectors

Climatronics Corporation
140 Wilbur Place
Bohemia, NY 11716 USA

TEL: 631-567-7300
FAX: 631-567-7585
E-Mail: sales@climatronics.com

Rev. 12 Jul 2010

Products
SOLAR INSTRUMENTS
Pyranometers
CM 4
CMP 11
CMP 21
CMP 22
CMP 3
CMP 6
SP Lite2
Pyrgeometers
Pyrheliometers
Sun Trackers
Albedometers
UV Radiometers
Net Radiometers
Horticultural Sensors
Sunshine Duration Sensors
Laboratory Thermopile
Data Loggers
Accessories
ATMOSPHERIC SCIENCE INSTRUMENTS
SERVICE & CALIBRATION
QUOTE REQUEST

CMP 11

- Secondary standard pyranometer
- Excellent linearity
- Fast response time
- Low tilt error
- Low IR dome offset error

CMP 11 uses the temperature compensated detector technology originally developed for the CMP 22 and is a step up in performance from the CMP 6. It is particularly suitable for meteorological networks and the reduced response time of 1.66 seconds (63%) meets the requirements for solar energy applications.

A waterproof socket is fitted for the signature yellow signal cable, which is available in a range of lengths pre-wired to the waterproof plug.

The integral bubble level is raised to the top of the housing and can be viewed without removing the redesigned snap-on sun shield, which also covers the connector. The connector with gold-plated contacts allows for easy exchange and re-calibration. The screw-in drying cartridge is easy to remove and the replacement desiccant is supplied in convenient refill packets.

The Pyranometer does not require any power, it supplies a low voltage of 0-20mV in relation to the amount of incoming radiation. When a higher voltage level or a 4-20mA signal is required, the AMPBOX is the perfect solution.

PRODUCT SPECIFICATION

Spectral range	285 to 2800 nm
Sensitivity	7 to 14 µV/W/m²
Response time	< 5 s
Zero offset A	< 7 W/m²
Zero offset B	< 2 W/m²
Directional error (up to 80 ° with 1000 W/m² beam)	< 10 W/m²
Temperature dependence of sensitivity (-10 ºC to +40 ºC)	< 1 %
Operating temperature range	-40 °C to +80 °C
Maximum solar irradiance	4000 W/m²
Field of view	180 °

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Accessoires
CMF Mounting Fixtures
Glare Screen Kit
CM 121B/C Shadow Ring
CVF 3 Ventilation Unit
AMPBOX
Adjustable Tilt CMP Mounting Kit

Data Loggers
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COMBILOG

Related News & Applications
Kipp & Zonen Digital Catalogue
Mercedes-Benz gets tested with Kipp & Zonen's pyranometer
Dome Improvement for Pyranometers and Albedometers
Pyranometer versus reference PV cell
The latest from Kipp & Zonen: newsletter 16
Solar Farms
Measure tilted global and diffuse solar radiation
How to measure Photovoltaic Performance
Challenges in analysing solar radiation by a Ph.D. student
PV performance

Related Downloads
Solar Energy Guide
CMP Pyranometers - Brochure (CMP 3, CMP 6, CMP 11, CMP 21 and CMP 22) - French
CMP Pyranometers - Brochure (CMP 3, CMP 6, CMP 11, CMP 21 and CMP 22) - A4 format
CMP 6, CMP 11, CMP 21, CMP 22 Pyranometers - Spanish Manual
CMP 6, CMP 11, CMP 21, CMP 22 Pyranometers - Manual
CMP 6, CMP 11, CMP 21, CMP 22 - Pyranometers - Instruction Sheet (EN/D/F/ES)

Related Questions
Negative output during nighttime measurements?
Can I use a pyranometer under water?
In our PV application the cable from the CMP 11 (50 meters) will go along other cables that come from the PV panels in which there is a DC voltage and around 100 Amps. Will these cables affect the measurement?

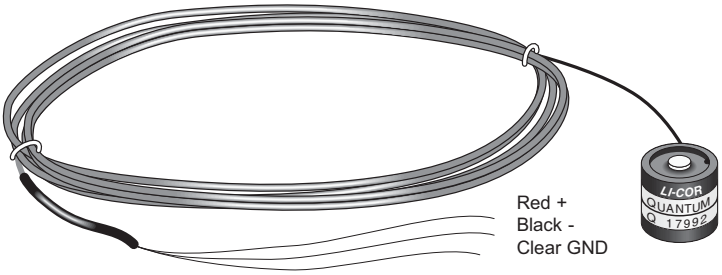
Solar Radiation Sensors

LI-COR's LI190SB Quantum Sensor & LI200X Silicon Pyranometer

LI190SB and LI200X measure solar radiation with a silicon photovoltaic detector mounted in a cosine-corrected head. A shunt resistor in the sensor's cable converts the signal from microAmps to millivolts, allowing the LI190SB and LI200X to be measured directly by a Campbell Scientific datalogger. Please note that the LI190SB and LI200X are not compatible with our CR200-series dataloggers.

LI190SB Quantum Sensor

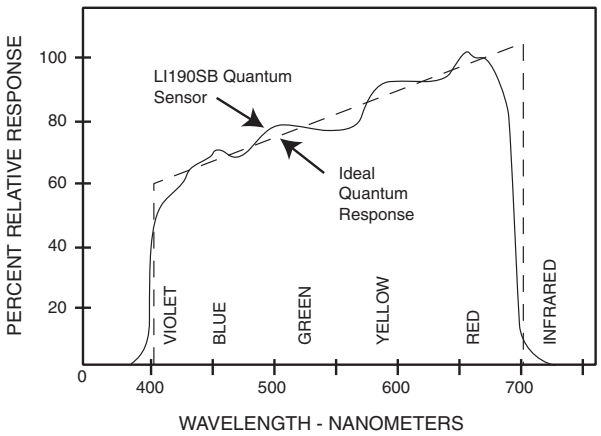
LI190SB accurately measures Photosynthetic Photon Flux Density (PPFD) in both natural and artificial light. PPFD is the number of photons in the 400 to 700 nm waveband incident per unit time on a unit surface. Because PPFD describes photosynthetic activity, the LI190SB is ideal for growth chambers and greenhouses.



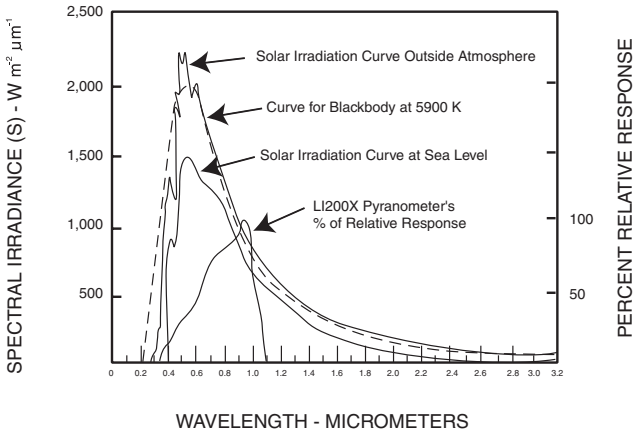
LI190SB Quantum Sensor. The LI200X has a similar appearance and identical wiring.

LI200X Silicon Pyranometer

The LI200X Silicon Pyranometer is calibrated against an Eppley Precision Spectral Pyranometer (PSP) to accurately measure sun plus sky radiation. The LI200X is used extensively in solar, agricultural, meteorological, and hydrological applications. The LI200X should not be used under vegetation or artificial lights because it is calibrated for the daylight spectrum (400 to 1100 nm).



LI190SB Spectral Response



LI200X Spectral Response

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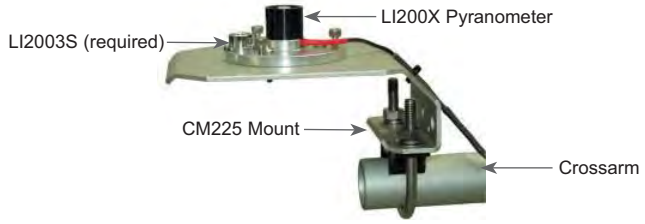
815 W. 1800 N. • Logan, Utah 84321-1784 • (435) 753-2342 • FAX (435) 750-9540 • www.campbellsci.com

Sensor Mounts

To ensure accurate measurements, the sensor should be leveled using a LI2003S leveling fixture which incorporates a bubble level and three adjusting screws. The LI2003S leveling fixture mounts to a tripod or tower using the CM225 mount. For most applications, Campbell Scientific recommends attaching the CM225 to a CM202, CM204, or CM206 crossarm. The CM225 can also be attached to a tripod or tower mast.



To attach the CM225 to a CM202, CM204, or CM206 crossarm, place the u-bolt in the holes on the bottom of the bracket (shown). If the CM225 is attached to a mast, place the u-bolt in the holes in the side of the bracket.

Ordering Information

LI190SB-L	Quantum Sensor with user specified lead length. Enter the lead length after the L. For example, LI190SB-L11, orders an 11' lead length.
LI200X-L	Silicon Pyranometer with user specified lead length. Enter the lead length after the L. For example, LI200X-L11, orders an 11' lead length.
LI2003S	Base and leveling fixture required to level the sensor.
CM225	Mount for attaching to the LI2003S and sensor to a tripod, tower, or vertical pipe.

Common Specifications

Stability: < ±2% change over a 1 year period
Response Time: 10 µs
Temperature Dependence: 0.15% per °C maximum
Cosine Correction: Cosine corrected up to 80° angle of incidence
Operating Temperature: -40° to +65°C
Relative Humidity: 0 to 100%
Detector: High stability silicon photovoltaic detector (blue enhanced)
Sensor Housing: Weatherproof anodized aluminum case with acrylic diffuser and stainless steel hardware
Size: 0.94" dia x 1.00" H (2.38 x 2.54 cm)
Weight: 1 oz. (28 g)

LI190SB Specifications

Calibration: ±5% traceable to the U.S. National Institute of Standards Technology (NIST)
Sensitivity: Typically 5 µA per 1000 µmoles s^{-1} m^{-2}
Linearity: Maximum deviation of 1% up to 10,000 µmoles s^{-1} m^{-2}
Shunt Resistor: 604 Ω
Light Spectrum Waveband: 400 to 700 nm

LI200X Specifications

Accuracy: Absolute error in natural daylight is ±5% maximum; ±3% typical
Sensitivity: 0.2 kW m^{-2} mV^{-1}
Linearity: Maximum deviation of 1% up to 3000 W m^{-2}
Shunt Resistor: Adjustable, 40.2 to 90.2 Ω, factory set to give the above sensitivity
Light Spectrum Waveband: 400 to 1100 nm

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Offices also located in: Australia • Brazil • Canada • England • France • Germany • South Africa • Spain

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260-2500 Tipping Bucket Rain Gauges

The **Model 260-2500 Tipping Bucket Rain Gauge** is a dependable instrument used for measuring precipitation. Rainfall entering the 8" or 12" funnel collector is directed to the tipping bucket assembly. When an incremental amount of precipitation has been collected, the bucket assembly tips and activates a magnetic reed switch. The sample is discharged through the base of the gauge. A momentary electrical contact closure is provided for each increment of rainfall. This contact closure is used to operate the Model 260-6113-A Event Recorder or other data acquisition systems. A level is provided on the base for correct positioning of the unit. The unit is manufactured of anodized aluminum and powder coated aluminum. The funnel has a screen to prevent debris from entering the gauge. It is shipped complete with mounting brackets and 25' of cable.

The **Model 260-2500E Electric Rain/Snow Gauge** is used where 115V power is available and precipitation is often in the form of snow. A heating kit has been added to the basic Model 260-2500 Rain Gauge to provide the capability for measuring snowfall. The 260-2500E has a 400 watt heater unit installed on the base of the rain gauge. The outer tube is insulated and a freeze point thermostat controls the temperature at the funnel. Snow falling into the funnel is melted and the resulting water drains into the tipping bucket assembly. It includes 25' of power cable and 25' of signal cable.

260-2500 Tipping Bucket Rain Gauge

Specifications

Capacity: Unlimited

Orifice:
Model 260-2500: 8" (20 cm)
Model 260-2500-12: 12" (30 cm)

Calibration: 0.01", 0.25 mm, 0.5 mm, 1 mm

Accuracy: ±1% at 2"/hr

Output: 0.1 second switch closure

Contact rating: 3 watts, 0.25 amps, 24 Vdc

Size:
Model 260-2500: 8" x 17"
Model 260-2500-12: 12" x 20"

Weight/Shipping:
Model 260-2500: 7 lb/12 lb
Model 260-2500-12: 14 lb/18 lb

Note: 1 mm calibration is not available for 260-2500-12 series.

Ordering Information

260-2500	8" Rain Gauge, 0.01"/tip
260-2500M	8" Rain Gauge, 1 mm/tip
260-2500M.25	8" Rain Gauge, 0.25 mm/tip
260-2500M.5	8" Rain Gauge, 0.5 mm/tip
260-2500E	8" Electric Rain Gauge, 0.01"/tip, 115 Vac
260-2500ME	8" Electric Rain Gauge, 1 mm/tip, 115 Vac
260-2500ME.25	8" Electric Rain Gauge, 0.25 mm/tip, 115 Vac
260-2500ME.5	8" Electric Rain Gauge, 0.5 mm/tip, 115 Vac
260-2500-12	12" Rain Gauge, 0.01"/tip
260-2500M-12.25	12" Rain Gauge, 0.25 mm/tip
260-2500E-12	12" Electric Rain Gauge, 0.01"/tip, 115 Vac
260-2500ME-12.25	12" Electric Rain Gauge, 0.25 mm/tip, 115 Vac
260-2500H	Heater Kit for 8" 260-2500, 115 Vac
260-2500H-12	Heater Kit for 12" 260-2500-12, 115 Vac
260-2500HC/25	Additional Heater Cable, 25' add'l (50' total)
260-2500HC/75	Additional Heater Cable, 75' add'l (100' total)
330-0220	Additional Signal Cable, per foot
260-2595	Rain Gauge Calibrator
260-2596	Digital Event Counter
260-950	Rain Gauge Mounting Plate
260-952	Rain Gauge Wind Screen

wind

High Performance Wind Sensor for Air Quality Applications

YOUNG

Model 05305

Wind Monitor-AQ

The Wind Monitor-AQ is a high resolution wind sensor designed specifically for air quality applications. It combines simple, corrosion-resistant construction with low threshhold, fast response and excellent fidelity.

The Wind Monitor-AQ meets the requirements of the following regulatory agencies:

U.S. Environmental Protection Agency – Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD).

U.S. Nuclear Regulatory Agency – NRC Regulatory Guide 1.23 Meteorological Programs in Support of Nuclear Power Plants.

American Nuclear Society – Standard for Determining Meteorological Information at Power Plants.

Wind speed is sensed by a lightweight, carbon fiber thermoplastic (CFT), helicoid propeller. Propeller rotation produces an AC sine wave voltage signal with frequency directly proportional to wind speed. Slip rings and brushes are not used.

The wind direction sensor is a lightweight vane with performance characteristics that assure excellent fidelity in fluctuating wind conditions. Vane position is sensed by a precision potentiometer. Output is a DC voltage directly proportional to vane angle.

The instrument body is UV stabilized plastic with stainless steel and anodized aluminum fittings. Precision grade, stainless steel ball bearings are used throughout. Transient protection and cable terminations are located in a convenient junction box. The instrument mounts on standard 1 inch pipe.

The Wind Monitor-AQ is available with two additional output signal options. **Model 05305V** offers calibrated voltage outputs, convenient for use with many dataloggers. **Model 05305L** provides a calibrated 4-20 mA current signal for each channel, useful in high noise areas or for long cables (up to several kilometers). Signal conditioning electronics are integrated into the sensor junction box.

Specifications

Range:
Wind speed: 0-50 m/s (112 mph)
Azimuth: 360° mechanical, 355° electrical (5° open)

Accuracy:
Wind speed: ±0.2 m/s (0.4 mph) or 1% of reading
Wind direction: ±3 degrees

Threshold:*
Propeller: 0.4 m/s (.9 mph)
Vane: 0.5 m/s (1.0 mph) at 10° displacement

Dynamic Response:*
Propeller distance constant (63% recovery) 2.1 m (6.9 ft)
Vane delay distance (50% recovery) 1.2 m (3.9 ft)
Damping ratio: 0.45
Damped natural wavelength: 4.9 m (16.1 ft)
Undamped natural wavelength: 4.4 m (14.4 ft)

Signal Output:
Wind speed: magnetically induced AC voltage, 3 pulses per revolution. 1800 rpm (90 Hz) = 9.2 m/s (20.6 mph)
Azimuth: analog DC voltage from conductive plastic potentiometer – resistance 10K Ω, linearity 0.25%, life expectancy – 50 million revolutions

Power Requirement:
Potentiometer excitation: 15 VDC maximum

Dimensions:
Overall height: 38 cm (15.0 in)
Overall length: 65 cm (25.6 in)
Propeller: 20 cm (7.9 in) diameter
Mounting: 34 mm (1.34 in) diameter (standard 1 inch pipe)

Weight:
Sensor weight: 0.7 kg (1.5 lbs)
Shipping weight: 2.3 kg (5 lbs)

**Nominal values, determined in accordance with ASTM standard procedures. Shielded bearings lubricated with Type LO-1 light General Purpose Instrument Oil.*

MODEL 05305V **Voltage outputs**

Power Requirement:
8-24 VDC (5 mA @ 12 VDC)

Operating Temperature:
-50 to 50° C

Output Signals:
WS: 0-2.5 VDC (0-50 m/s)
WD: 0-5 VDC (0-360°)

MODEL 05305L **4-20 mA outputs**

Power Requirement:
8-30 VDC (40 mA max.)

Operating Temperature:
-50 to 50° C

Output Signals:
4-20 mA full scale

CE *Complies with applicable CE directives.*
Specifications subject to change without notice.

Ordering Information MODEL

WIND MONITOR-AQ **05305**
WIND MONITOR-AQ VOLTAGE OUTPUTS **05305V**
WIND MONITOR-AQ 4-20mA OUTPUTS **05305L**

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Web Site: www.youngusa.com

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APPENDIX C

Standard Operating Procedures

Meteorological Data Validation and Handling Procedures

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1 INTRODUCTION

This document details the procedure for the documentation and validation of data collected from automated meteorological monitoring station within SLR International's PSD Network. The purpose of data validation is to detect and then verify any data values that may not represent actual conditions at the monitoring station. The procedures outlined in this SOP are intended to serve as a minimum set of data validation steps; additional data validation procedures may be appropriate for a specific monitoring project.

2 DATA QUALITY INDICATORS

The "EPA Quality Assurance Handbook for Air Pollution Measurement Systems, Volume II: Section 3" states that data quality can be defined in terms of several key data quality indicators; precision, bias, detection limit, completeness, and comparability. In accordance with this rationale, it is the policy of the AQP to provide for the generation, storage, and use of data that meet these indicators. EPA defines these indicators as follows.

2.1 Precision

Precision is a measure of agreement among repeated measurements of the same property under identical, or substantially similar, conditions. This is the random component of error. Precision is estimated by various statistical techniques typically using some derivation of the standard deviation.

SLR assesses individual automated method precision through routine quality control checks that must fall within predefined acceptance criteria (Table 1 below).

2.2 Bias

Bias is the systematic or persistent distortion of a measurement process which causes error in one direction. Bias will be determined by estimating the positive and negative deviation from the true value as a percentage of the true value.
Network bias is assessed through routine quality control checks and performance audits.

2.3 Detection Limit

The detection limit is the lowest threshold that an accurate measurement can be obtained. All of the meteorological instruments used by SLR have been determined to have detection limits low enough to satisfy PSD monitoring objectives.

2.4 Completeness

Completeness describes the amount of valid data obtained from a measurement system compared to the amount expected to be obtained under correct, normal conditions.

The PSD requirements state that a minimum of 75% of each monitored hour (45 minutes) be valid for the hourly average to be considered valid. PSD requires each parameter maintain a minimum amount of certified valid hourly averages be collected each month.

90% Minimum Completeness for PSD Monitoring

- Wind Speed (WD)
- Wind Direction (WS)
- Sigma Theta (σ_θ)
- (Also requires WD/WS meet criteria)
- Surface (2m) Temperature (2m Temp)
- Upper (10m) Temperature (10m Temp)
- Temperature Difference (10m-2m = ΔT)
- Relative Humidity (%RH)
- Solar Radiation (SR)
- Barometric Pressure (BP)

PSD completeness requirements are not specified for other parameters. If measured, additional parameters will be governed by the Measurement Quality Objectives (MQO's) specified in the project-specific Quality Assurance Project Plan (QAPP).

2.5 Comparability

Comparability is a measure of the confidence with which one dataset or method can be compared to another, considering the units of measurement and applicability to standard statistical techniques. Comparability of datasets is critical to evaluating their measurement uncertainty and usefulness.

Meteorological precision and accuracy are assessed through quality control checks and performance audits. Acceptance criteria for meteorological parameters are presented in Table 3:

Table 1 Meteorological Acceptance Criteria

Parameter	Acceptance Limit
Wind Speed	± 0.2 m/s + 5%
Wind Direction	± 5 Degrees
Vertical WS	± 5%
Temperature	± 0.5 ºC
Delta T	± 0.1 ºC
Solar Radiation	± 5%; ± 10 W/m^2 (<200W/m^2)
Barometric Pressure	± 3 mb

Project-specific acceptance criteria may be specified in the project QAPP that differ from that specified in Tables 1 – 3. In case of conflicting acceptance criteria, QAPP-specified criteria are always applied.

3 Data Handling

Data from the meteorological monitoring system are recorded at the station by Campbell Scientific dataloggers. Remote data retrievals from the Envidas systems will be done from SLR's Anchorage office using Envitech's ComCenter and ARM software. Data shall be retrieved from the Air Monitoring stations at least twice weekly. The raw

data shall reside on SLR's monitoring computer drive and the back-up server drive for a period of at least five years. Alternatively, archived data from the Campbell Scientific or Envidas data acquisition system may be written to a CD for long term data storage.

4 DOCUMENTATION

Maintaining a high level of data quality is critical in order to meet data quality and measurement objectives and fulfill the mission of SLR's PSD monitoring programs. Detailed documentation is an important factor in ensuring high data quality because it allows for the thorough review of the monitoring and collection processes, facilitates troubleshooting of systematic or other sampling errors, and ensures the data stand up under scrutiny. This section details the procedures for proper documentation of air monitoring activities and data.

Documentation is accomplished primarily through the use of the monitoring station log book, or site visit sheets. Additional documentation is parameter-specific and is not included here. For more information on parameter-specific documentation requirements, please refer to the appropriate standard operating procedure (SOP). The minimum requirements for documenting log books are detailed in the following section.

4.1 Station Log book/ Site Visit Sheets

Each station must be equipped with a log book that is accessible from the monitoring site itself. At stations equipmed with an on-site computer, the stations meet this requirement via an electronic log accessible through a PC-based data logger, hereafter referred to as an Envidas For Windows (EnvidasFW) or Envidas Ultimate data loggers. These data loggers are loaded with software called EnvidasFW Reporter (or Ultimate Reporter) that is used to make electronic log book entries while on site or remotely through an internet connection. Electronic log books offer distinct advantages over paper log books in that they allow for log entries and systematic and operational review from remote locations, facilitating instrument troubleshooting, data validation, and other activities. Operators must use the electronic log book if the station is equipped with one. The electronic log book entry screen and an example entry for EnvidasFW and Envidas Ultimate are shown in Figures 1 & 2 below.

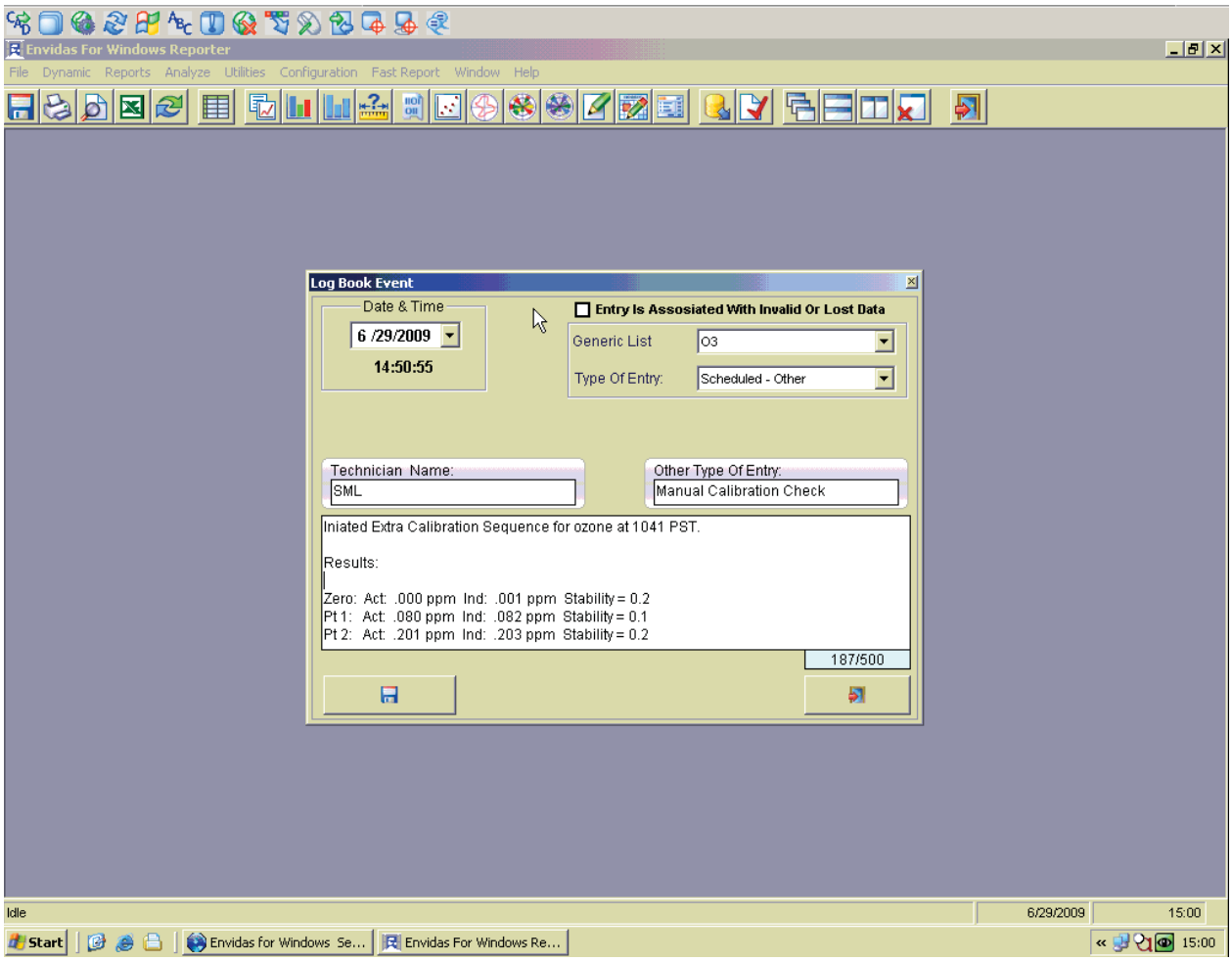


Figure 1 Electronic Log Book Entry Screen in EnvidasFW Reporter

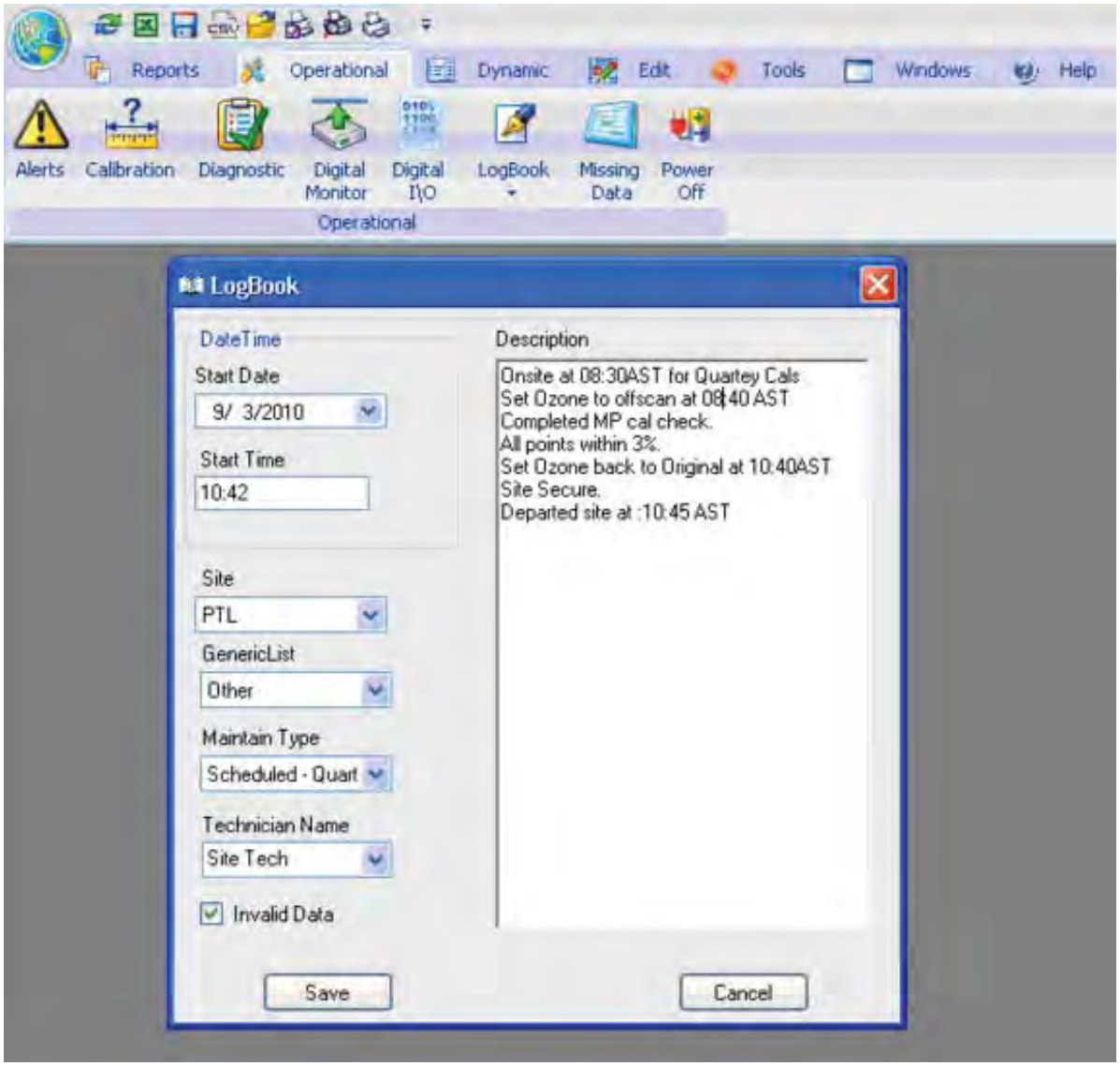


Figure 2 Electronic Log Book Entry Screen in Envidas Ultimate Reporter

For stations not equipped with an EnvidasFW or Ultimate data logger, operators must maintain a paper log book. Paper log books must remain at their assigned station at all times and should be kept in a highly visible location so that they may be easily accessed by those not routinely familiar with the station such as substitute operators, quality assurance personnel, and EPA auditors. The front cover must be clearly labeled with the station name. A folder containing site visit sheets may take place of a bound

logbook. Copies of any logbook entries are periodically transmitted to the SLR office to facilitate data review activities.

In all cases, logbook entries must be legible and understandable to others so that a person not intimately familiar with the station operations can reconstruct any events at the monitoring station based on the descriptions provided in the logbook.

4.2 Documenting Log Books

The log book, whether electronic or paper-based, functions as a legal record and is the repository for detailed documentation regarding station operation. At a minimum the station log book should fully document the following:

- Dates and times of all station activities (in Local Standard Time – e.g., "08:35 AST") *(dates and times are automatically recorded by the logger in the electronic log book)*
- All maintenance activities such as instrument replacements, upgrades or changes
- All quality control check activities and results
- Unusual events and station conditions such as incidences of vandalism, weather events, physical equipment status, and insect or vermin intrusions
- Performance audits and results including actual and indicated levels
- Other activities or information that may affect meteorological readings or data collection

4.3 Documenting Quality Control Checks

All automated instruments must be checked for proper calibration at regular pre-defined intervals. Please refer to the parameter-specific SOPs for quality control check schedules. Quality control checks for many instruments are performed both automatically and manually.

4.4 Documenting Manual Quality Control Checks

At a minimum, manual quality control checks for instruments must be documented in the log book in the manner described below. Station operators may record additional information as they see fit.

- Record the serial number, make and model of the instrument that is being checked.

- Calculate the percent difference using the following equation and record the percentages:

$$\left(\frac{Indicated - Actual}{Actual}\right) * 100 = \%difference$$

- Using Table 1, determine the acceptance criteria for the appropriate pollutant and take any necessary action. For parameters not listed in Table 1, please refer to the parameter-specific SOPs.
- ***Do not make any instrument adjustments until the entire quality control check has been completed***
- Record any corrective action taken as well as post-adjustment values in the log book

4.5 Documenting Failed Quality Control Checks

In the event of a quality control check failure, operators must document any corrective action taken in the station log book. If for any reason the operator determines that a quality control check failed for reasons that should not result in data invalidation, the operator must document the reason(s) the data should be considered valid in the log book and/or station's site visit sheets.

In the event of a failed quality control check, and in the absence of documentation to the contrary, data for that instrument will be considered invalid back to the last valid quality control check and forward to the next valid quality control check.

4.6 Other Required Documentation

Depending on the parameter, additional documentation of quality control checks and other maintenance activities may be required. Please refer to the parameter-specific SOPs to determine additional documentation requirements. This form is to be filled out in addition to the information that is required in the log book.

4.7 Written and Electronic Correspondence Submittal

Operators are encouraged to submit all paper documentation and any electronic forms and correspondence regarding data review and validation on a weekly basis. Paper documentation includes all items such as any hand written calibration or audit forms and any parameter-specific paperwork. At a minimum, all paper documentation and any associated electronic forms and correspondence regarding data review and validation must be sent to the Quality Assurance Manager by the 10th of the month following the end of each calendar month of data collection.

Quality assurance personnel cannot proceed with final data validation unless all required documentation is submitted and available for review. If no documentation is submitted, the data in question may be considered invalid.

Operators unable to meet the submittal deadline should notify the Project Manager immediately and make alternate arrangements.

5 DATA VERIFICATION AND VALIDATION

Thorough data validation ensures that the data quality and measurement objectives of the program are met and that the data generated during monitoring can be satisfy project objectives. In addition, a thorough validation process will detect collection system errors and therefore facilitate subsequent improvements.

Data validation consists of two separate activities: Initial data review (Verification) and Final Validation.

- Initial review is that which is conducted by station operators during and after data collection but prior to final validation. Initial review is typically done continually throughout the monitoring period as the operator maintains surveillance of the site. At the end of the month, the site operator ensures the entire month data set

has been reviewed and materials needed by staff performing Final validation are accessible.

- Final validation is conducted by quality assurance personnel and involves a separate, thorough, qualitative and quantitative system and data review. Final validation is done on a monthly basis after site operators have communicated the data meets initial review criteria.

A four (4) level data verification and validation process is used in the EnvistaARM data acquisition and management system:

1. Data edits and data verification code (status) assignment by staff with Editor profiles. Initial review activities fit this category.
2. Data Validation by staff with Editor profiles. Final Validation activities fit this category.
3. Data edits and data verification code (status) assignment by staff with Supervisor profiles. This category is only used if regulatory (EPA or ADEC) indicates additional data edits are warranted based on their reviews. Only the project manager and Data manager have permissions to make any alterations to data at this stage.
4. Final Validation – Upon regulatory agency approval of the data set, the data is locked down and further edits or data validation code assignments or changes are not possible.

The Alaska Department of Environmental Conservation's method specific data validation tables (located in the project QAPP appendices) generally serve as the basis for all data verification and validation. Data will only be considered valid when the following criteria have been satisfied:

1. The air monitoring instrumentation has been calibrated and operated according to the project's approved SOPs
2. The instrument has been operating within all acceptance criteria during the period of data collection as determined by manual and automated quality control checks and performance audits
3. All quality control checks have been performed within the required time intervals and have been sufficiently documented
4. The data is consistently free of excessive drift, noise, spiking, and statistical outliers

5. Clear, compelling reason for any deviations from QAPP or SOP procedures are documented and approved by the appropriate regulatory agency

Data that has been through the entire validation process is sent to the Data Reporting Group for report preparation and submittal to the client and appropriate agencies as needed. Several types of reports are required by SLR clients. These reports are project-specific and generally consist of monthly, quarterly, and annual reports.

Project-specific contracts specify the required timelines for reports but the timelines specified in Table 4 are most typical and represent SLR goals for data review and reporting:

Table 2 Data Validation and Reporting Goals for Monthly Data Submittals

Task	Due Date
Periodic data review	Minimal 3x per week*
Initial data review	Prior to the 10th of the month
Final data Validation	Prior to the 15th of the month
Monthly Data report (to client)	Prior to the end of the calendar month following data collection
Quarterly Data report	Prior to the end of the calendar month following data collection (client)
Annual Data report	Within 45 days of the end of the 12 month monitoring period (client) Within 60 days of the end of the 12 month monitoring period (ADEC)

**More frequent data review may be necessary if low data capture rates jeopardize project DQO goals.*

5.1 Initial Data Review

The site operator is responsible for ensuring that the data collected at his/her station(s) has been thoroughly reviewed. The primary tool for reviewing data is the Envista Air Resource Manager (EnvistaARM). This software tool allows for a variety of graphical and tabular analyses that, when thoroughly inspected, reveal the great majority of instrument problems and suspect data.

In an effort to ensure that collected data meets the data validation criteria, operators should thoroughly review monitoring data on at least a tri-weekly basis (i.e., review the data on Monday, Wednesday and Friday). More frequent review may be required to ensure the project meets data capture goals.

At a minimum, a thorough review of the data should include:

5.1.1 EnvistaARM Graphical Data Review

In many cases, viewing data graphically is superior to viewing data in tabular form as instrument malfunctions tend to be obvious when data is displayed graphically. Nevertheless, tabular data can prove useful in identifying minimum and maximum values (e.g., using the Station Report). Maximum and minimum values outside of normal instrument operation are indications of a problem and should be investigated and resolved.

At a minimum, operators should review the following graphical data on a weekly basis:

5.1.2 Station Report: 1-Hour Averages

Figure 5 below presents hourly wind speed data that has at least one readily identifiable irregularity; the wind speed hourly averages drop to zero on 12/12 and do not rebound most likely due to a riming event. Operators must investigate the cause of such problems and take appropriate corrective action. In addition, operators should alert quality assurance to all such problems so that any erroneous data can be invalidated.

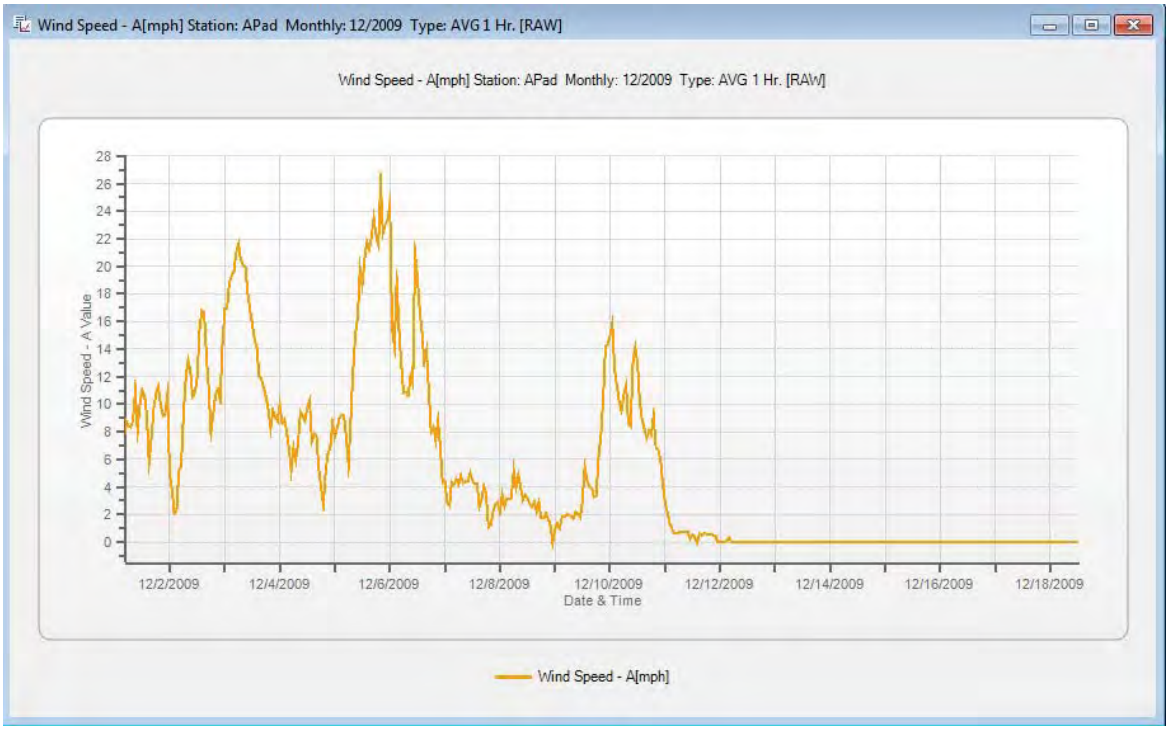


Figure 3 Station Report – 1-hr Averages

5.1.3 **Multi-Station Report: Hourly Averages**

Graphical displays of data collected by the same or like-instruments in the same airshed should appear somewhat similar – in other words, the data should be comparable. Comparing the graphical traces from several stations for the same parameter is an excellent way to identify suspect data. To do such comparisons, operators should generate a Multi-Station Report for several monitors in the same geographic area. Data that does not compare well to other area monitors should be examined more closely for instrument/sensor malfunction(s). Figure 7 below presents an hourly Multi-Station Report for continuous PM monitors (Nephelometers) during a week in July, 2009. The monitors appear to compare well until sometime late in the day on July 28th when one monitor stops tracking. This is indicative of an instrument/equipment problem at this site. Discrepancies warrant further investigation as soon as possible.

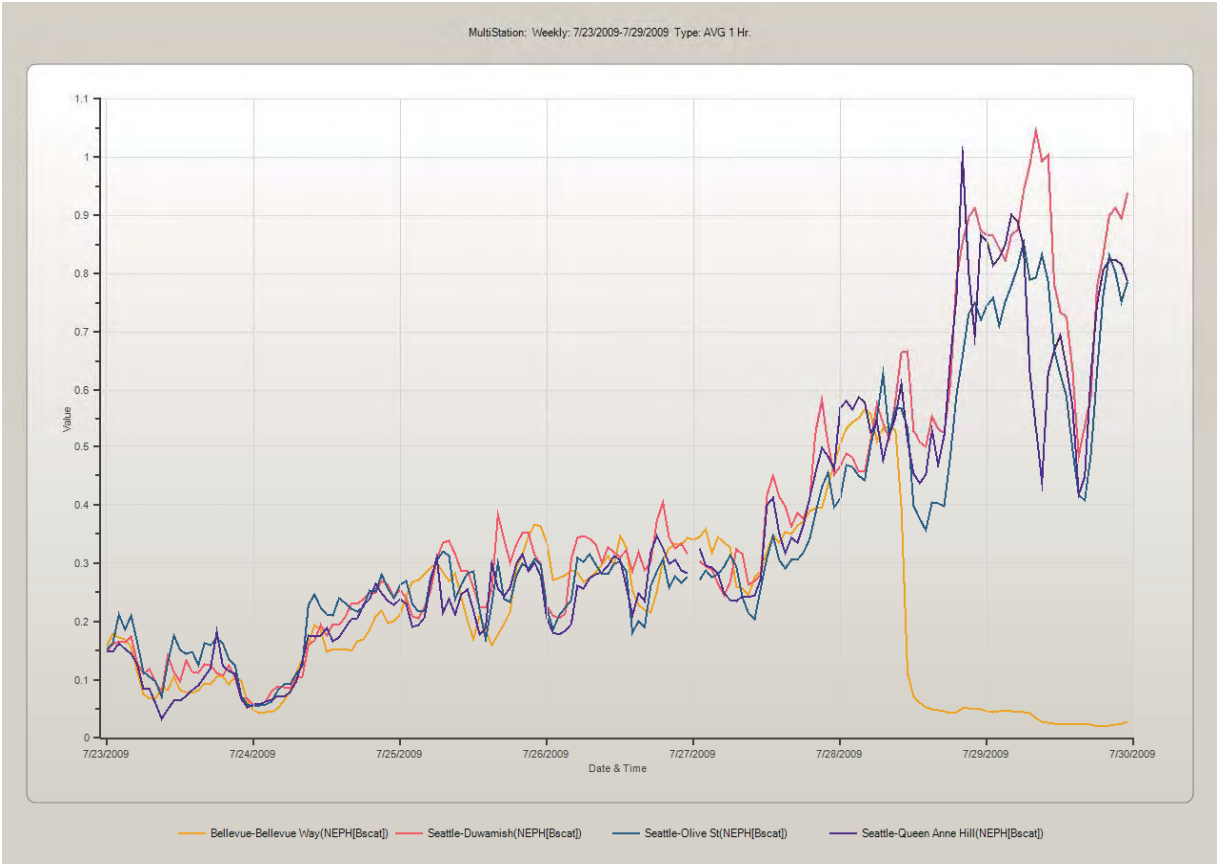


Figure 4 Multi-Station Report

5.1.4 Station Report, Group Report and Multi-Station Report – Hourly Averages

Operators should review like-parameters from the same site or from different sites in the same airshed using one or several of the following reports: Station Report, Group Report, Multi-Station Report. Figure 8 below presents a Station Report hourly average comparison several different types of continuous PM monitors at nearby locations. These monitors compare fairly well with the exception of the Aethalometer. It appears to stop tracking on the 4th of June, possibly an indication of an instrument problem that should be investigated further.

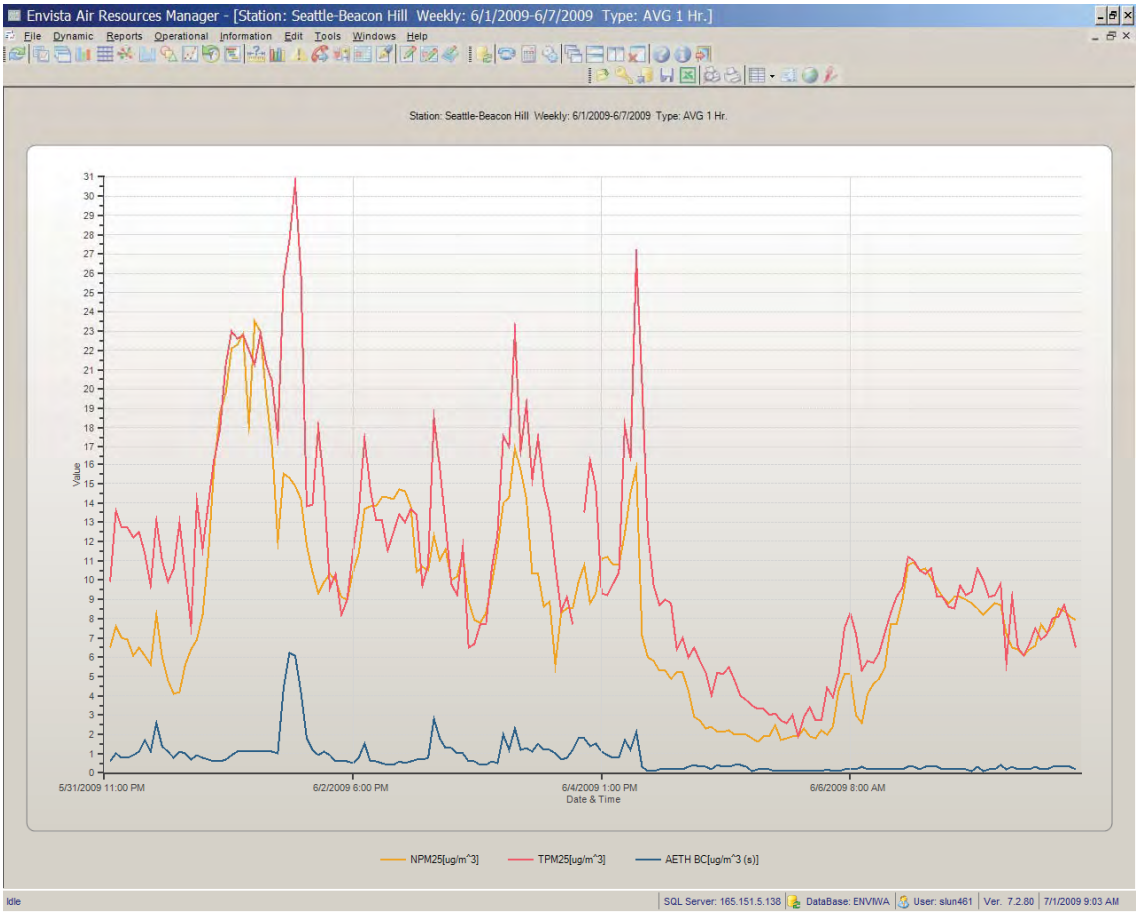


Figure 5 Station Report – Multiple Parameters

5.1.5 **Logbook Report**

The station logbooks and/or scanned site visit sheets should be reviewed to determine if any site activity is affecting the validity of the data. The operator should review logbook records and data for signs of site activity. All affected data should be flagged with the ARM software and removed from the final data set. Complete description of the rationale for flagging the affected data must be recorded in the station electronic logbook.

5.1.6 **Assignment of Data Validation Codes**

As data are reviewed, they should be flagged with appropriate data validation flags in the ARM. Standard validation flags are available in the drop-down menu of the Edit Menu of the ARM. Table 5 describes the standard validation codes that are to be used in the ARM. Any time a data edit is made a description is required to be entered. The operator or QA personnel should leave a brief but descriptive note regarding why the data have been changed (eg. “Data invalid due to sensor riming ”). Descriptive notes should provide enough detail to understand the rationale for the change in data status.

Table 3 Data Validation Codes

Code	Description
_	Valid data.
<Samp	Data available, but less than 75% of the time period is represented in the average.
Audit	Data flagged as invalid due to audit work being completed.
Down	Channel flagged down manually by operator.
FailPwr	Power failure.
InVld	Data marked as invalid during QA/QC process. Detailed note available in the project database regarding why data were flagged.
NoData	No data available for this time period due to instrument being turned off, communication error or other.
OutCal	Data flagged as invalid due to failure of calibration or audit.
RS232	Communication error from analyzer or Campbell Scientific datalogger.

5.2 Data Validation

Final data validation (Level 2 QA Review) is conducted by Quality Assurance personnel and is an independent, thorough review of the data to ensure that all project Data Quality Objectives and Measurement Quality Objectives have been met.

At a minimum, a thorough data validation review of the data should include:

5.2.1 Assessment and Review of Documentation

Data validation staff review and ensure all station log books and required corrective action and calibration forms are properly documented. Review includes assessing the thoroughness and clarity of entries and cross referencing entries to associated data status changes.

Data validation staff utilizes the EnvistaARM logbook report, copies of written logbooks/ site visit sheets, and Edit History report to verify that proper action regarding data validity was completed by the operator. Logbook entries that correspond to events where data should be invalidated are reviewed and the data record is verified to ensure data was invalidated and contains an appropriate data validation code and edit description. Data records that were improperly invalidated or considered valid are corrected and the field operator notified of any errors made during the initial data review process.

5.2.2 Quality control activities

Data validation staff review all required quality control (QC) check data and performance audit findings and verify they are within acceptance criteria.

Data validation staff utilizes the EnvistaARM Calibration Report, operator field documentation and worksheets, and performance audit reports. If QC checks are found that fail acceptance criteria, any data preceding the failure (back to the latest passing check) is verified as invalid. Any data collected after a failing QC check is also invalidated up until a successful check is documented. Data records that were improperly invalidated or considered valid are corrected and the field operator notified of any errors made during the initial data review process.

5.2.3 Proper operation and maintenance of instrument

Data validation staff utilizes the logbook report and operator field documentation to verify that all maintenance and quality control activities have been completed according to the required frequency.

5.2.4 Comparability

Similar to the process described in section 5.1.2 through 5.1.6, Data Validation staff use the EnvistaARM Station, Group, and Multi-Station Reports to ensure comparability of collected data. Often times, someone dissociated from daily operations or with a different level of experience will notice outliers and anomalies that the field operator does not see.

Additionally, if other measurement information is available (nearby stations, airports, or other sources of information) this information is used to assess the relative credibility of the data measurements.

Specific items of note are considered for investigation:

- Data Trends – Data that exhibits an overall pattern of increasing, decreasing, or even stable readings over significant periods of time may signal a problem with the measurement system. Trends can also highlight outlier data points that may also signal a small isolated event.
- Correlation with similar measurements – Often times companion parameters are measured that can be reviewed in tandem to assess performance. For example, 2 meter temperature and 10 meter temperature measurements should have a very close correlation over time. Other parameters may be considered as well depending on site and parameter specific characteristics for the project.
- Correlation with proximal monitoring – Occasionally data is collected in an area where other monitoring data is available. In these cases, staff compares observations between the different sources to assess general correlation of observations.
- Historical observation – Occasionally historical data or knowledge of an area or parameter can be used to determine if measurements agree with previous observations.

5.2.5 Assessment of Data Completeness

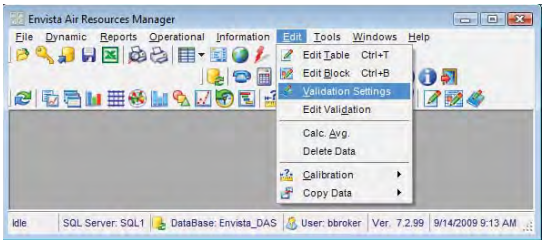
Data validation staff assesses the completeness of all measured parameters using the station report feature in EnvistaARM. Any parameters falling below 95% completeness are examined to ensure that causes are properly documented. If data completeness is found below 95%, and it is due to an incomplete data set, the operator is contacted to determine if missing data is available. If missing data can be recovered, the operator completes the initial data review process prior to passing the data to the data validation step.

5.2.6 Lock data per Final Validation

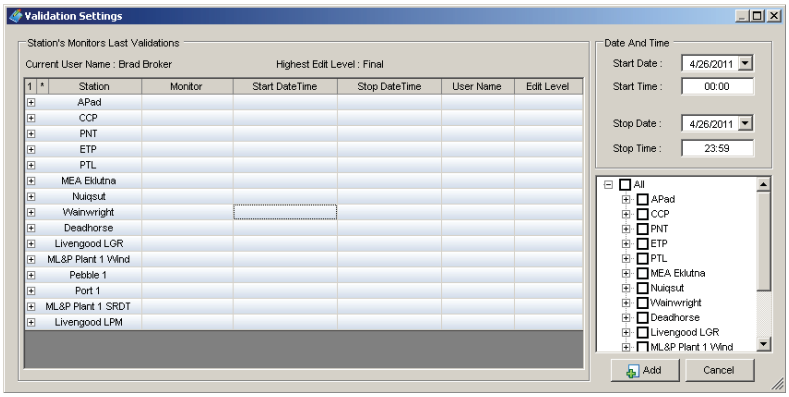
After thorough review of all data, the Final Validation designation in the EnvistaARM software is used to lock all validated data from further edits. A data validation record is created in EnvistaARM showing the date, time, and person validating the data record. Data records completing final validation are represented in a different color in the EnvistaARM system and are unable to be altered.

To validate the data in EnvistaARM:

1. Select “Validation Settings” from the Edit menu option.

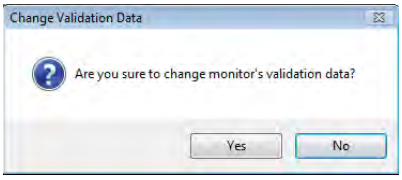


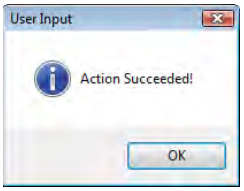
2. On the right side of the form, select the appropriate criteria for the station that is being validated.



NOTE: For monthly data validation, select the first day of the month at the 0:00 hour as the start date / time and the last day of the month at 23:59 as the Stop date / time.

3. Select “Add” to add the validation record. Confirm when prompted.





5.2.7 **Notify Data Manager**

Within the required timeframe outlined in the project objectives, notify the Data Manager that data have been validated and are ready for data report generation and submittal to the client and appropriate agencies. Alternately, the Validation report may be used to determine the status of data in the review process.

5.3 Data Reporting

The Alaska Department of Environmental Conservation (ADEC) provides specific data reporting content and format guidance for quarterly and annual data reports containing PSD data. Annual and Quarterly Data reports prepared for PSD monitoring projects will adhere to the requirements set forth in ADEC guidance documents. Upon ADEC approval of submitted data, the Data Manager will complete

6 REFERENCES

"Automated Method Data Documentation, Review and Validation Procedure." Washington Department of Ecology, 95-201C (rev. 10/09), October, 2009.

"Quality Assurance Handbook for Air Pollution Measurement Systems, Volume I – A Field Guide to Environmental Quality Assurance." EPA-600/R-94/038a. April, 1994.

"Quality Assurance Handbook for Air Pollution Measurement Systems, Volume II – Ambient Air Quality Monitoring Program." EPA-454/B-08-003. December, 2008.

"Quality Assurance Handbook for Air Pollution Measurement Systems, Volume IV – Meteorological Measurements." EPA-454/B-08-002. March, 2008.

Code of Federal Regulations, Title 40, Part 58 (40 CFR 58).

"Envista ARM Air Resources Manager". Revision 1.6.09. Envitech Ltd. Envista ARM Ver. 7.2.72. June, 2009.

"PSD Quality Ambient Air Quality and Meteorological Monitoring Annual Data Report Format Guidance". Revision 1.1. October 2006.

"PSD Quality Ambient Air Quality and Meteorological Monitoring Quarterly Data Summary Report Format Guidance". Revision 1.0. April 2008.

Site Visit Procedures

1.0 Applicability

This SOP is designed to provide instructions to site technicians in conducting required monitoring site inspections. All SOP's referred to in this SOP may be found in the project monitoring plan, a copy of which should always be kept at the station or other designated location.

2.0 SLR Alaska (SLR) Contact Information

Contact Name	Office Phone	Cell Phone
Brian Wilkinson Station Operator, Primary Contact	(907) 264-6942	(907) 845-6405
Luke Walker Station Operator	(907)- 895-2860	N/A
Dominic Shallies Project Manager	(907) 563-2100	(907) 227-5725
Steve Mackey Air Measurements Group Leader	(907) 563-2129	(907) 440-8726

3.0 Health and Safety Warning

Site technicians must use care and good judgment when conducting site inspections, as there may be numerous potential safety hazards at monitoring sites. These include the possibility of falling if attempts are made to climb the meteorological tower or electrical hazards from instrumentation and analyzers.

Site technicians should never attempt to climb the monitoring tower. The Site technicians should only attempt to climb the tower if all of the following conditions are met:

- The SLR Project Manager requests that the Site technician climb the tower, AND
- The Site technician has been properly trained to climb the tower, has adequate fall protection, and knows how to properly use it, AND
- The Site technician has been properly trained to perform the maintenance task required.

Site technicians who have not been properly trained to work at heights, who do not have adequate fall protection, and who are not comfortable working at heights should never attempt to climb the tower. In addition, some clients prohibit free-climbing towers, and require that man-lifts be used. Never climb the tower if this is prohibited by the client or by the project specific Health and Safety Plan.

Site technicians should never attempt to take apart any instruments, or remove any instrument covers, or perform any adjustments or repairs inside of any instrumentation without specific guidance from SLR's Project Manager or Station Operator. The only exception to this general guidance is that site technicians may make instrument adjustments via front-panel dials and switches that are designed for this purpose, but only after receiving specific instructions to do so from SLR.

4.0 Frequency of Site Visits

Normally the project monitoring plan requires site technicians to visit each monitoring site at least once every two-weeks. The SLR Project Manager or Station Operator should be consulted at the beginning of the project to establish the required site visit frequency.

5.0 Station Check Procedure

Immediately upon arrival at the site, the site operator should do the following:

5.1 Record the date and time (Local Standard time, not Daylight Saving time) of the site visit in the *Envidas Reporter Electronic Logbook*. This can be found in the Envidas Reporter software under the Operational menu.

5.2 Call one of the SLR contacts listed in Section 2.0 for any special instructions or tasks that need to be performed while on-site.

5.3 Perform checks of the meteorological instruments using *Meteorological Monitoring SOP* if meteorological measurements are being conducted at the station.

5.4 Perform checks of the air quality measurements using the appropriate instrument-specific *Routine Operations and Maintenance SOPs*.

5.5 Record the station thermostat setting in the *Envidas Reporter Electronic Logbook*.

5.6 Visually check the condition of the shelter, security fence and meteorological tower (if applicable). Verify that the tower is vertical, the tower booms are horizontal with the ground, and the tower and shelter are undamaged. Report any problems in the *Envidas Reporter Electronic Logbook* and notify the SLR Project Manager or Station Operator.

5.7 As needed, clean the shelter and shelter grounds, and make sure weeds and grass around the shelter are cut. If necessary, cut weeds or grass, or shovel snow from around the shelter. **CAUTION**: When working around the shelter, be extremely careful so as not to damage any sensors or wiring. If necessary, explore tall grass or deep snow with a blunt probe or hands (always wear work gloves and be careful of insects, wildlife etc.). Do not use any power equipment or shovels around the shelter if there is any doubt as to where sensors or wiring may be located.

5.8 After the station check is completed, and if any checklist items have been marked as "No" or are otherwise out of acceptable limits as listed on the *Routine Operation and Maintenance SOPs* or *Checklists*, contact SLR as soon as possible, and inform them of the nature of the problem found (See Item Number 2.0 above for contact names and phone numbers). At this point you may be given further instructions on how to correct the problem, or you may be asked to perform other troubleshooting procedures to determine the reason for the problem. Record in the *Envidas Reporter Electronic Logbook* the date and time (Local Standard time, not Daylight Saving time) that you called SLR, and a short summary of the call (why the call was made, who you talked to, what adjustments, corrections, or troubleshooting procedures you performed, and whether or not the problem was fixed).

5.9 Before leaving the station, double-check to make sure that each instrument is operation properly and that the data logger and all instrumentation is in normal "Run" mode. Record the date and time (Local Standard time, not Daylight Saving time) that the station check is completed in the *Envidas Reporter Electronic Logbook and save the record.*

5.10 Make sure the shelter and/or security fence gate are locked as you leave the site (if applicable).

Standard Operating Procedure for Meteorological Monitoring Routine Operation and Maintenance

1.0 Applicability

The purpose of this SOP is to provide instructions to SLR Station Operators and Site technicians regarding routine operation and maintenance of meteorological monitoring equipment.

2.0 Cautions

Site technicians should make only those checks listed in this SOP. In the event that these checks fall outside acceptable limits, the SLR Station Operator or Project Manager should be contacted immediately. **Site technicians should not make any adjustments to any equipment without specific instructions from SLR project personnel.**

3.0 Site Technician – Checks to be Performed Each Site Visit

3.1 Record the date and time (Local Standard time, not Daylight Saving time) of the site visit in the *Envidas Reporter Electronic Logbook*. This can be found in the Envidas Reporter software under the Operational menu.

3.2 Perform the following checks of the meteorological instruments using this SOP *as a guide.* If all of the meteorological sensors appear to be in good condition based on the checks below, make a note indicating that, "all met sensors in working order", in the *Envidas Reporter Electronic Logbook*. If any of the sensors do not appear to be in good working order, note the issue in the *Envidas Reporter Electronic Logbook* and contact the SLR Site Operator or Project Manager to report the issue.

3.2.1 **Horizontal Wind Speed:** From the ground, visually check the propeller or cups to make sure that there are no broken blades or cups. Check to see if the sensor is loaded with ice or snow. Excessive vibration of the sensor or tower may indicate either broken blades/cups, or ice/snow loading.

Check the instantaneous sensor output from the Envidas data logger, and make sure that the data logger output seems reasonable based on current conditions.

3.2.2 **Wind Direction:** From the ground, visually check the wind vane to make sure that it is not broken and that it is turning freely in the wind. Check to see if the sensor is loaded with ice or snow.
Check the Instantaneous sensor output from the data logger, and make sure that the data logger output seems reasonable based on current conditions.

3.2.3 **Vertical Wind Speed:** From the ground, visually check the wind vane to make sure that it is not broken and that it is turning freely in the wind. Check to see if the sensor is loaded with ice or snow.

Check the Instantaneous sensor output from the data logger, and make sure that the data logger output seems reasonable based on current conditions.

3.2.4 **Temperature Sensors:** From the ground, visually check the aspirators to make sure that they are running (mechanical aspirated sensors only), are free of dirt and debris, and that the aspirator opening is facing down toward the ground for vertically-oriented sensors, or facing north for horizontally-oriented sensors. For sensors at the 2-meter level, you will usually be able to see the sensor well enough to see if it is dirty, and you will sometimes be able to hear the aspirator fan running (do not climb the tower to perform this check on the 10-meter aspirator). Briefly place your palm over the 2-meter sensor aspirator opening and feel for a slight suction (mechanically aspirated sensor only). Visually check inside the aspirator opening for ice, snow, or dirt. Make sure that weeds, grass, or snow are less than about 1-foot high below the sensor. If necessary, carefully cut back weeds or grass, or shovel snow, within about a 5-foot radius from the sensor. Before cutting grass or weeds or shoveling snow, carefully check the ground in the area for any cables, wires, or obstructions. Take care not to damage the sensor or any wiring while cutting or shoveling.

Check the instantaneous sensor output from the data logger, and make sure that the data logger output seems reasonable based on current conditions.

3.2.5 **Relative Humidity (if applicable):** Visually check the aspirator to make sure that it is running (mechanically aspirated sensors only), is free of dirt and debris, and that the aspirator opening is facing down toward the ground. Visually check inside the aspirator opening for ice, snow, or dirt.

Check the instantaneous sensor output from the data logger, and make sure that the data logger output seems reasonable based on current conditions.

3.2.6 **Solar Radiation:** Visually check the sensor to make sure that it is level, and that the glass dome is free of dirt and scratches. Gently brush off any accumulated snow on top of the sensor. If the glass dome is dirty, clean it by gently wiping with a lens tissue. Check for condensation inside the sensor dome. Make sure the sensor is level by examining the bubble level on the sensor. If it is not level, use the thumbscrews to center the bubble in the level, and note in the *Envidas Reporter Electronic Logbook* that the sensor was re-leveled. If there are lots of scratches or pits on the glass dome, or if it is cracked or broken, contact the SLR Station Operator or Project Manager for further instructions.

Check the instantaneous sensor output from the data logger, and make sure that the data logger output seems reasonable based on current conditions.

3.2.7 **Barometric Pressure (if applicable):** Visually check the sensor to make sure that it is free of dirt and debris.

Check the Instantaneous sensor output from the data logger, and make sure that the data logger output seems reasonable based on current conditions (consult SLR for a range of expected barometric pressure based on the station location and elevation).

3.2.8 **Precipitation (if applicable):** Visually check the gauge to make sure that it is level, and that the collection funnel is free of dirt and debris. Clean out the collection funnel if necessary. Make sure the gauge is level by examining the bubble level on the gauge. If it is not level, make a note in the *Envidas Reporter Electronic Logbook*. For weighing precipitation gauges make sure that the liquid level inside the collection cylinder is between the high and low level marks, and make sure that the contents are no frozen. If necessary, drain the accumulated liquid into an appropriate container and re-fill with antifreeze solution up to the low level mark, then pour a thin film of oil on top of the antifreeze (Note: Only use antifreeze solution and oil designed for use in the precipitation gauge; these supplies will be provided by SLR). When pouring liquid into the gauge, pour it slowly against the side of the collection cylinder so that it runs gently to the bottom of the collection cylinder**. Do not pour liquid directly onto the bottom of the collection cylinder. Doing so may damage the load cell.** If necessary, consult the operator's manual for instructions on how to drain and re-fill the collection cylinder. If a wind screen is present, check the windscreen to make sure that there are no missing or damaged panels.

Once per quarter use a graduated cylinder to add a known amount of water equivalent to between 0.05 and 0.2 inches of precipitation to the gauge. Record the time and the amount of water added to the gauge in the *Envidas Reporter Electronic Logbook*. At the conclusion of this operational check, call the SLR Station Operator or Project Manager and tell them the time of the check and the amount of water (in cubic centimeters) added to the gauge. **Do not perform this check if it has rained or snowed within the previous six hours, or there is a high chance of precipitation in the next six hours.**

4.0 SLR Station Operator – Annual Preventative Maintenance

SLR field technicians should perform the following preventative maintenance tasks annually. All annual preventative maintenance activities must be recorded in the *Envidas Reporter Electronic Logbook.*

4.1 Replace wind speed and wind direction sensor bearings. Be sure to do an as-found bearing torque test prior to changing the bearings, and an as-left torque test after changing them.

4.2 Inspect wind speed sensor cups/vane for cracks. Replace if necessary.

4.3 Inspect the wind vane to make sure it is not bent or damaged. Replace if necessary.

4.4 Inspect the temperature aspirators for proper operation, and repair or replace as necessary.

4.5 Inspect drying agent in the solar radiation sensor, and replace as needed.

4.6 Check level of the solar radiation sensor, and re-level if needed using the leveling screws on the sensor.

4.7 Inspect the barometric pressure sensor inlet for dirt or debris, and clean if needed.

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Standard Operating Procedure for Calibration of a RM Young 05305-AQ Wind Speed and Wind Direction Sensor

1.0 Introduction

Calibration of RM Young 05305-AQ Propeller type wind speed and wind direction sensors (hereafter referred to as RM Young sensors) are calibrated at the factory before receipt. Therefore, the calibration schedule for an RM Young sensor requires an initial calibration check, and calibrations every 6 months. Calibrations are also required immediately after any repair, rewiring, adjustment, or replacement of the sensor or any sensor components.

The calibration is comprised of the determination of sensor responses to known input values, maintenance and adjustment of the sensors responses if warranted, and the documentation of all adjustments and responses.

Items required for the calibration of an RM Young are as follows:

1. RM Young 18801 (or similar model) anemometer drive
2. RM Young linearity test fixture
3. PC or similar display module
4. Tripod mounted, survey grade compass and/ or pre-determined bearings to landmarks.
5. RM Young 05305-AQ manual

The calibration will begin by filling out the first part of the wind speed and wind direction calibration forms, noting the time, date, calibrator, and any witnesses.

1.1 System Inspection

Before determining the initial response of a RM Young inspect the cable, prop, vane, and bearings for damage, open the outer cuff of the sensor and look for condensation inside. Note these observations on the Wind Speed Calibration Form.

2.0 Wind Speed Calibration Procedures

2.1 Pre-adjustment System checks

A system response check is performed by the use of an RM Young 18801 (or similar model) anemometer drive. The propeller is removed from the sensor shaft and the anemometer drive is attached. The sensor is then challenged at the speeds specified on the Wind Speed Calibration Form. The speeds measured by the datalogger for each specific revolution per minute (rpm) are compared to the calculated values. The equation

for calculating wind speed as a function of anemometer drive rpm is given on the Wind Speed Calibration Form.

2.2 Maintenance and Adjustments

At this point the technician should review the performance of the sensor and determine what adjustments are required, if any. All basic maintenance should be performed before any serious adjustment of the sensor, or determination of a new multiplier and/or offset in the datalogger programming. All maintenance and adjustments should follow the guidelines presented by the manufacturer in the RM Young instrument manual.

2.3 Post-Adjustment Checks

If any maintenance or adjustments were performed, the steps listed in Section 2.1 of this procedure should be repeated and recorded on the Wind Speed Calibration Form. Results of the post adjustment checks should be closely evaluated. If the output values do not closely match the expected values, perform troubleshooting, maintenance, and adjustments as needed to correct the sensor response. If the sensor is deemed un-repairable by the technician, it should be replaced as soon as possible from the stock of back-up sensors for the monitoring project.

3.0 Wind Direction Calibration Procedures

3.1 Sensor Orientation

After the system is inspected, a check of the wind vane orientation is performed. Orientation checks of the wind vane can utilize either of the follow:

<u>Compass without installed or accessible cross-arm</u>

1. Determine declination for the area using a Geomag type program with the most recent models of the earth's magnetic field.
2. Use a clamp fashioned from a band clamp and rubber tubing to fix the wind vane in various directions.
3. Using a tripod mounted and leveled, survey grade compass align the compass so that it sights directly at the tail of the wind vane.
4. Obtain readings in each of the four quadrants of the compass.
5. Record the readings from the datalogger and the compass on the Wind Direction calibration form.

<u>Compass with installed cross-arm that can be lowered or accessed in place</u>

1. Determine declination for the area using a Geomag type program with the most recent models of the earth's magnetic field.

2. Using a tripod mounted and leveled, survey grade compass align the compass so that it sights directly along the cross-arm that the wind direction senor is mounted on.
3. Record the compass readings from each end of the cross-arm (180 degrees from each other) on the Wind Direction calibration form.
4. Position the wind vane exactly parallel to the cross-arm. Record the datalogger readings on the Wind Direction calibration form. Repeat with the wind vane pointing the opposite direction.

Landmark

1. Obtain a GPS point directly under the wind direction sensor.
2. Using a mapping program (eg: TOPO!, allTOPO, or similar) with USGS datasets as its base files, obtain bearings to nearby defined landmarks.
3. Clamp and site the vane tail at the appropriate landmark and record the reading from the datalogger.

3.2 System Linearity Check

Using a RM Young linearity test fixture test the sensor at 30° intervals. Record the readings from the datalogger at each interval on the Wind Direction Calibration Form and compare to the expected values. If possible, check the linearity of the instrument by fitting a curve and checking the slope, and intercept of the Y = X line. Check to see if the accuracy of the instrument is no more than ± 5**°** (accuracy) and ≤ 3**°** mean absolute error (linearity). Mean absolute error is calculated by the the following equation: equation.

$$\sum \frac{|X|}{n}$$

Were *X* is the precision of the instrument at any given degree, and *n*, is the number of measurements taken.

3.3 Maintenance and Adjustment

At this point the technician should review the performance of the sensor and determine what adjustments are required, if any. All basic maintenance should be performed before any serious adjustment of the sensor, or determination of a new multiplier and/ or offset in the datalogger programming. All maintenance and adjustments should follow the guidelines presented by the manufacturer in the RM Young instrument manual. If the orientation was incorrect, the alignment of the cross arm will need to be adjusted following the linearity check.

3.4 Post Adjustment Checks

After all maintenance and adjustments have been made, the steps listed in Sections 3.2 and 3.1 of this document should be repeated, respectively. All results should be recorded On the Wind Direction Calibration Form. Results of the post adjustment checks should be evaluated. If the output values do not closely match the expected values, perform troubleshooting, maintenance, and adjustments as needed to correct the sensor response. If the sensor is deemed un-repairable by the technician, it should be replaced as soon as possible from the stock of back-up sensors for the monitoring project.

4.0 Conclusion

At the conclusion of the calibration, complete all calibration forms noting any adjustments made, maintenance performed, and corrective actions taken, if any. Note the specific time which the calibrations for the wind speed and direction sensors began and ended. Sign and date the calibration form under any comments made.

Standard Operating Procedure for Calibration of a Climatronics 100093-2 Temperature Sensor

1.0 Introduction

Climatronics 100093-2 temperature sensors (hereafter referred to as temperature sensors) are calibrated at the factory before receipt. Therefore, the calibration schedule for a temperature sensor requires an initial calibration check, and calibrations every six months. Calibrations are also required immediately after any repair, rewiring, adjustment, or replacement of the sensor or any sensor components.

Equipment required for temperature sensor calibration is as follows:

1. Calibrated, certified, NIST traceable thermometer.
2. Thermal mass unit and or ice, warm, and hot water bath.
3. PC or similar display module.
4. Climatronics 100093-2 manual

The calibration should start by completing the top of the Temperature Sensor Calibrations Form.

1.1 System Inspection

Before determining the initial response of the temperature measurement system, inspect the signal cable and sensor for signs of damage and wear. Note these observations in the Temperature Sensor Calibrations Form.

2.0 Pre-adjustment Calibration Procedures

2.1 System Response Check

The system response check is performed by comparing the sensor response with that of a calibrated NIST traceable thermometer for at least three different temperatures. The ideal temperatures to compare the sensors at are very cold, cold, warm , and hot. The very cold, cold, warm, and hot temperatures should be about -25˚C to -15˚C, 0˚C, 15 to 25˚C, and 30 to 40˚C, respectively. Care should be taken, especially with the very cold range to not damage the sensors. These temperatures can be obtained through the use of three small insulated thermoses and a Thermal Mass Device (TMD). The thermal mass device must be cooled by contact with dry ice (frozen CO_2). An ice bath should be used for the cold temperature range. For the warm and hot temperatures warm and hot water should be used. The thermometer and temperature sensor should be collocated as closely as possible by taping the sensors together. After allowing time for the temperature readings to stabilize, the technician will record the calibration and

datalogger values on the Temperature Sensor Calibration Form. If possible, check the linearity of the instrument by fitting a curve and checking the slope, and intercept of the Y = X line. Check to see if the accuracy of the instrument is no more than ± 0.5° (accuracy) and no more than ± 0.1° for temperature difference between matched sensors in a delta temperature measurement system. Mean absolute error is calculated by the equation 1.0. Were *X* is the precision of the instrument at any given degree, and *n*, is the number of measurements taken.

$$\sum \frac{|X|}{n}$$

3.0 Maintenance and Adjustments

After performing all system inspections and calibration checks, the results should be reviewed to determine what maintenance and adjustments are needed, if any. Maintenance procedures should follow the manufactures recommendations in the manual provided by the manufacturer. Since a true calibration of the sensor cannot be performed unless the sensor is checked across its full range, a sensor not conforming to the calibrated NIST thermometer will most likely need to be replaced and sent back to the factory for a true calibration.

4.0 Post-adjustment Checks

If maintenance or adjustments were made, the steps listed in Section 2.0 should be repeated and the results recorded in the Temperature Sensor Calibration Form. If the outputs do not agree within the specified limits troubleshooting, maintenance, and adjustments should be performed and noted.

5.0 Conclusion

When the instrument provides the proper response to the expected calibration values, complete the calibration form noting any adjustments, maintenance or repairs made. Sign and date the calibration form underneath any notes made in the comments section.

Calibration Procedure for an Eppley PSP Pyranometer

1.0 Introduction

Eppley PSP Pyranometers (hereafter referred to as pyranometers) are calibrated at the factory before receipt. Therefore, the calibration schedule for a pyranometer requires an initial calibration check, and calibrations every 6 months. Calibrations are also required immediately after any repair, rewiring, adjustment, or replacement of the sensor or any sensor components.

Calibrations, when possible, should last 2 full diurnal cycles. However, since this is rarely possible in remote Alaska sites, calibration checks will be performed using the longest time-frame possible given site limitations.

A field calibration check is comprised of the comparison of the pre-adjustment responses to the responses obtained from a collocated, calibrated NIST traceable pyranometer, adjusting or performing needed maintenance on the pyranometer, and documentation of all collected data and adjustments made.

Equipment required for calibration is as follows:

1. Calibrated NIST traceable pyranometer.
2. Datalogger capable of the same scan and averaging frequency as the datalogger being used on-site.
3. All associated instrument manuals.

The calibration should be started by completing the top of the Solar Radiation Sensor Calibration Form.

1.1 System Inspection

Before determining the initial response of the solar radiation system, inspect the signal cable and pyranometer. Check the cable for signs of wear. Check that the pyranometer is level and free of dust. Record these findings in the Solar Radiation Sensor Calibration Form.

2.0 Pre-adjustment Systems Check

This check requires that the solar radiation sensor is in it's normal operating mode. The first part of the check consists of totally covering the sensor to exclude all light. Observe and record the output from the datalogger (which should be approximately zero) in the Solar Radiation Sensor Calibration Form.

Next check the ambient light condition output for the sensor and calibration sensor. Record these values in the Solar Radiation Sensor Calibration Form.

Pre-adjustment Collocated Transfer Standard (CTS) Check

Set-up and level the CTS as near as practical to the site pyranometer. Special care should be taken to ensure the CTS is setup comparably to the station pyranometer or differences in reflection from snow, shadows, or other light variations can have a significant impact on the measurements. Record the concurrent values for the site and CTS pyranometer. Ideally, the CTS should be collecting data for the entire time the technician is on-site. These data should be collected at the same scan rate, and averaged at the same interval as the site pyranometer. Ideally, at least one full diurnal cycle of concurrent readings from the site pyranometer and CTS should be taken.

In practice, the calibration technicians time on-site is limited due to the remoteness and access of monitoring sites in Alaska. Therefore, at least four averaging periods of the site and CTS should be used. That is, if the site datalogger is set to record hourly averages of solar radiation data, a minimum of four hours of data should be recorded for the site datalogger and CTS. Record the solar radiation data, averaging interval, and all other pertinent information in the Solar Radiation Sensor Calibration Form. If possible check the linearity of the instrument by fitting a curve and checking the slope, intercept, and R^2 value of the Y = X line.

3.0 Maintenance and Adjustments

At this point in the field calibration check the technician should review the results of the system inspection, system check, and CTS check to determine if the sensor is operating within its acceptable limits, and establish what maintenance and adjustments are required, if any. Maintenance procedures should follow the manufactures recommendations in the manual provided by the manufacturer. Any maintenance and adjustments performed should be noted in the Solar Radiation Sensor Calibration Form.

4.0 Post-adjustment Checks

If any maintenance or adjustments were performed, the steps listed in Sections 3.0 and 4.0 of this procedure should be repeated and all data noted in the Solar Radiation Sensor Calibration Form. The results of the post-adjustment checks should be evaluated and noted. If the results do not agree within the specified limits troubleshooting, maintenance, and adjustments should be performed and noted. If the site pyranometer cannot be calibrated properly the unit may have to be replaced and sent back to the factory for repair.

5.0 Conclusion

Upon completion of the field calibration check, the Solar Radiation Sensor Calibration Form should be completed. Any adjustments, maintenance or repairs made should be noted. Sign and date the calibration form underneath any notes made in the comments section.

STANDARD OPERATING PROCEDURE FOR THE CALIBRATION OF A LI-COR LI200X PYRANOMETER

1.0 Introduction

LiCor LI200X pyranometers (hereafter referred to as pyranometers) are calibrated at the factory before receipt. Therefore, the calibration schedule for a pyranometer requires an initial calibration check, and calibrations every 6 months. Calibrations are also required immediately after any repair, rewiring, adjustment, or replacement of the sensor or any sensor components.

Calibrations, when possible, should last 2 full diurnal cycles. However, since this is rarely possible in remote Alaska sites, calibration checks will be performed using the longest time-frame possible given site limitations.

A field calibration check is comprised of the comparison of the pre-adjustment responses to the responses obtained from a collocated, calibrated NIST traceable pyranometer, adjusting or performing needed maintenance on the pyranometer, and documentation of all collected data and adjustments made.

Equipment required for calibration is as follows:

1. Calibrated NIST traceable pyranometer.
2. Datalogger capable of the same scan and averaging frequency as the datalogger being used on-site.
3. All associated instrument manuals.

The calibration should be started by completing the top of the Solar Radiation Sensor Calibration Form.

1.1 System Inspection

Before determining the initial response of the solar radiation system, inspect the signal cable and pyranometer. Check the cable for signs of wear. Check that the pyranometer is level and free of dust. Record these findings in the Solar Radiation Sensor Calibration Form.

2.0 Pre-adjustment Systems Check

This check requires that the solar radiation sensor is in it's normal operating mode. The first part of the check consists of totally covering the sensor to exclude all light. Observe

and record the output from the datalogger (which should be approximately zero) in the Solar Radiation Sensor Calibration Form.

Next check the ambient light condition output for the sensor and calibration sensor. Record these values in the Solar Radiation Sensor Calibration Form.

Pre-adjustment Collocated Transfer Standard (CTS) Check

Set-up and level the CTS as near as practical to the site pyranometer. Special care should be taken to ensure the CTS is setup comparably to the station pyranometer or differences in reflection from snow, shadows, or other light variations can have a significant impact on the measurements. Record the concurrent values for the site and CTS pyranometer. Ideally, the CTS should be collecting data for the entire time the technician is on-site. These data should be collected at the same scan rate, and averaged at the same interval as the site pyranometer. Ideally, at least one full diurnal cycle of concurrent readings from the site pyranometer and CTS should be taken.

In practice, the calibration technicians time on-site is limited due to the remoteness and access of monitoring sites in Alaska. Therefore, at least four averaging periods of the site and CTS should be used. That is, if the site datalogger is set to record hourly averages of solar radiation data, a minimum of four hours of data should be recorded for the site datalogger and CTS. Record the solar radiation data, averaging interval, and all other pertinent information in the Solar Radiation Sensor Calibration Form. If possible check the linearity of the instrument by fitting a curve and checking the slope, intercept, and R^2 value of the Y = X line.

3.0 Maintenance and Adjustments

At this point in the field calibration check the technician should review the results of the system inspection, system check, and CTS check to determine if the sensor is operating within its acceptable limits, and establish what maintenance and adjustments are required, if any. Maintenance procedures should follow the manufactures recommendations in the manual provided by the manufacturer. Any maintenance and adjustments performed should be noted in the Solar Radiation Sensor Calibration Form.

4.0 Post-adjustment Checks

If any maintenance or adjustments were performed, the steps listed in Sections 3.0 and 4.0 of this procedure should be repeated and all data noted in the Solar Radiation Sensor Calibration Form. The results of the post-adjustment checks should be evaluated and noted. If the results do not agree within the specified limits troubleshooting, maintenance, and adjustments should be performed and noted. If the site pyranometer cannot be calibrated properly the unit may have to be replaced and sent back to the factory for repair.

5.0 Conclusion

Upon completion of the field calibration check, the Solar Radiation Sensor Calibration Form should be completed. Any adjustments, maintenance or repairs made should be noted. Sign and date the calibration form underneath any notes made in the comments section.

Calibration Procedure for an Kipp & Zonen CMP11 Pyranometer

1.0 Introduction

Kipp & Zonen CMP11 Pyranometers (hereafter referred to as pyranometers) are calibrated at the factory before receipt. Therefore, the calibration schedule for a pyranometer requires an initial calibration check, and calibrations every 6 months. Calibrations are also required immediately after any repair, rewiring, adjustment, or replacement of the sensor or any sensor components.

Calibrations, when possible, should last 2 full diurnal cycles. However, since this is rarely possible in remote Alaska sites, calibration checks will be performed using the longest time-frame possible given site limitations.

A field calibration check is comprised of the comparison of the pre-adjustment responses to the responses obtained from a collocated, calibrated NIST traceable pyranometer, adjusting or performing needed maintenance on the pyranometer, and documentation of all collected data and adjustments made.

Equipment required for calibration is as follows:

1. Calibrated NIST traceable pyranometer.
2. Datalogger capable of the same scan and averaging frequency as the datalogger being used on-site.
3. All associated instrument manuals.

The calibration should be started by completing the top of the Solar Radiation Sensor Calibration Form.

1.1 System Inspection

Before determining the initial response of the solar radiation system, inspect the signal cable and pyranometer. Check the cable for signs of wear. Check that the pyranometer is level and free of dust. Record these findings in the Solar Radiation Sensor Calibration Form.

2.0 Pre-adjustment Systems Check

This check requires that the solar radiation sensor is in it's normal operating mode. The first part of the check consists of totally covering the sensor to exclude all light. Observe and record the output from the datalogger (which should be approximately zero) in the Solar Radiation Sensor Calibration Form.

Next check the ambient light condition output for the sensor and calibration sensor. Record these values in the Solar Radiation Sensor Calibration Form.

Pre-adjustment Collocated Transfer Standard (CTS) Check

Set-up and level the CTS as near as practical to the site pyranometer. Special care should be taken to ensure the CTS is setup comparably to the station pyranometer or differences in reflection from snow, shadows, or other light variations can have a significant impact on the measurements. Record the concurrent values for the site and CTS pyranometer. Ideally, the CTS should be collecting data for the entire time the technician is on-site. These data should be collected at the same scan rate, and averaged at the same interval as the site pyranometer. Ideally, at least one full diurnal cycle of concurrent readings from the site pyranometer and CTS should be taken.

In practice, the calibration technicians time on-site is limited due to the remoteness and access of monitoring sites in Alaska. Therefore, at least four averaging periods of the site and CTS should be used. That is, if the site datalogger is set to record hourly averages of solar radiation data, a minimum of four hours of data should be recorded for the site datalogger and CTS. Record the solar radiation data, averaging interval, and all other pertinent information in the Solar Radiation Sensor Calibration Form. If possible check the linearity of the instrument by fitting a curve and checking the slope, intercept, and R^2 value of the Y = X line.

3.0 Maintenance and Adjustments

At this point in the field calibration check the technician should review the results of the system inspection, system check, and CTS check to determine if the sensor is operating within its acceptable limits, and establish what maintenance and adjustments are required, if any. Maintenance procedures should follow the manufactures recommendations in the manual provided by the manufacturer. Any maintenance and adjustments performed should be noted in the Solar Radiation Sensor Calibration Form.

4.0 Post-adjustment Checks

If any maintenance or adjustments were performed, the steps listed in Sections 3.0 and 4.0 of this procedure should be repeated and all data noted in the Solar Radiation Sensor Calibration Form. The results of the post-adjustment checks should be evaluated and noted. If the results do not agree within the specified limits troubleshooting, maintenance, and adjustments should be performed and noted. If the site pyranometer cannot be calibrated properly the unit may have to be replaced and sent back to the factory for repair.

5.0 Conclusion

Upon completion of the field calibration check, the Solar Radiation Sensor Calibration Form should be completed. Any adjustments, maintenance or repairs made should be noted. Sign and date the calibration form underneath any notes made in the comments section.

STANDARD OPERATING PROCEDURE FOR CALIBRATION OF AN NOVALYNX 260-2500 PRECIPITATION GAUGE

1.0 Introduction

All NOVALYNX 260-2500 precipitation gauges (hereafter referred to as precipitation gauges) are calibrated at the factory before receipt. Therefore, the calibration schedule for a precipitation gauge requires an initial calibration check, and calibrations every 6 months. Calibrations are also required immediately after any repair, rewiring, adjustment, or replacement of the sensor or any sensor components.

Equipment required for precipitation gauges calibration is as follows:

1. NovaLynx 260-2595 Tipping Bucket Rain Gauge Calibrator or large graduated cylinder.
2. NOVALYNX 260-2500 manual

The calibration should be started by completing the top of the Precipitation Gauge Calibrations Form.

1.1 System Inspection

Before determining the initial response of the precipitation measurement system, inspect the signal cable and sensor for signs of damage and wear. Note these observations in the Precipitation Gauge Calibrations Form.

2.0 Pre-Adjustment Checks

2.1 System Check

To ensure that the tipping bucket and reed switch assembly is functioning, slowly pour an initial amount of water into the gauge and check for a response from the data logger.

2.2 Gauge Check

A calibration is performed by inputting known amounts of water into the gauge using a NovaLynx 260-2595 Tipping Bucket Rain Gauge Calibrator or large graduated cylinder and checking the system response. Water is usually inputted into the gauge 800mL at a time, for at least three total tests.

Water should be delivered to the gauge slowly, by using one of the smaller tips provided with the 260-2595 kit. This will ensure that the tipping bucket does not spill water while tipping, adding error to the calibration procedure. During freezing conditions hot water

with a small amount of antifreeze or alcohol should be used to prevent freezing in the buckets and on the side of the gauge collection funnel. An insulating jacket may also be used to surround the drip bottle during the time of the test. Special care while calibrating during precipitation events should be used so that extra water does not enter the collection funnel and bias the test.

After each bottle of water is added to the gauge, the measurement system should be given ample time to read. This value should be noted in the Precipitation Gauge Calibrations Form. The values should agree within ±10% of the expected.

3.0 Maintenance and Adjustments

After performing all system inspections and calibration checks the results should be reviewed to determine what maintenance and adjustments are needed, if any. Maintenance procedures should follow the manufactures recommendations in the manual provided by the manufacturer. Calibrating the actual tipping mechanism is accomplished by raising or lowering the tipping bucket limiting bolts.

4.0 Post-adjustment Checks

If maintenance or adjustments were made, the steps listed in Section 2.0 should be repeated and the results recorded in the Precipitation Gauge Calibrations Form. If the outputs do not agree within the specified limits troubleshooting, maintenance, and adjustments should be performed again and noted.

5.0 Conclusion

When the instrument provides the proper response to the expected calibration values, complete the calibration form noting any adjustments, maintenance or repairs made. Sign and date the calibration form underneath any notes made in the comments section.

Performance Audit Report
Pogo Mine Meteorological Monitoring Program

Sumitomo Metal Mining Pogo LLC
Delta Junction, AK

February 2012

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Performance Audit Report

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This document has been prepared by SLR International Corp. The material and data in this report were prepared under the supervision and direction of the undersigned.

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EXECUTIVE SUMMARY

On October 3 – 5, a performance audit was conducted on the Pogo Mine Meteorological Monitoring Program. Justin Frahm, working on behalf of SLR International Corp (SLR), performed the audit with Brian Wilkinson, station operator, also of SLR acting as witness. Please note that Mr. Frahm is an SLR employee who was assigned to this project solely to provide auditing services and has nothing to do with the day to day operation of the station.

The results of the performance audit revealed that the equipment for the Pogo Mine Meteorological Monitoring Program is operating within the accuracy limits provided by EPA. Tables 1-1 and 1-2 provide a summarized list of the results from the performance audit.

Table 1-1. Pogo Airstrip Monitoring Station Audit Summary

Parameter	EPA / ADEC Limit	Units	Max or Avg Absolute Value	Pass/Fail
Datalogger Time	≤ ±5:00	Min:Sec	00:00:25	Pass
Wind Sensor Set A				
Wind Direction Alignment (As-Found)	≤ ±5	degrees	2.8	Pass
Wind Direction Linearity	≤ 3	degrees	1.9	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<7.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Wind Sensor Set B				
Wind Direction Alignment (As-Found)	≤ ±5	degree	4.8	Pass
Wind Direction Linearity	≤ 3	degree	1.7	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<7.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Air Temperature Accuracy Set A				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.30[1]	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.21[1]	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.09[1]	Pass
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.26[2]	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.23[2]	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.05	Pass
Air Temperature Accuracy Set B				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.21	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.21	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.06	Pass
Solar Radiation (Kipp&Zonen)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	0.6	Pass
Solar Radiation (Licor)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	2.2	Pass
Precipitation	≤ ±10%	%	6.2	Pass

[1] As found temperature probe audit
[2] After replacement temperature probe audit

Table 1-2. Pogo Ridge Monitoring Station Audit Summary

Parameter	EPA / ADEC Limit	Units	Max or Avg Absolute Value	Pass/Fail
Datalogger Time	≤ ±5:00	Min:Sec	00:00:25	Pass
Wind Sensor Set A				
Wind Direction Alignment (As-Found)	≤ ±5	degrees	2.7	Pass
Wind Direction Linearity	≤ 3	degrees	2.8	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<6.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Wind Sensor Set B				
Wind Direction Alignment (As-Found)	≤ ±5	degree	2.0	Pass
Wind Direction Linearity	≤ 3	degree	1.9	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<6.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Air Temperature Accuracy Set A				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.37	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.29	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.08	Pass
Air Temperature Accuracy Set B				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.29	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.35	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.06	Pass
Solar Radiation (Kipp&Zonen)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	0.9	Pass
Solar Radiation (Licor)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	2.3	Pass
Precipitation	≤ ±10%	%	3.7	Pass

INTRODUCTION

The Pogo Mine is a gold mine which has been in operation since 2006. It is located in the upper Goodpastor River valley approximately 35 miles northeast of Delta Junction, Alaska. The meteorological data is intended to be collected in accordance with the Prevention of Significant Deterioration (PSD) requirements and guidance. The data is being collected to be used for dispersion modeling for any future air quality permits applications that may be required as well as to support other environmental studies that may be prepared with an air quality component.

There are two complete meteorological monitoring stations: one is located east of the Pogo Mine airstrip at 415 meters elevation while the other is located on the ridge above the 1690 underground mine portal at approximately 695 meters elevation. The trees surrounding both stations were removed prior to the performance audit to ensure the sties meet the PSD siting requirements.

The airstrip monitoring site, PAR, is a slightly raised level gravel area across a gravel road from a wide yard used for equipment storage and for pipe welding. The immediate environs surrounding the station is a wide expanse of gravel with bushes and thin trees surrounding the cleared areas.

The ridge site, PRG, is along the vertex of a ridge where the bed rock breaks through the soft moss ground cover, creating a solid base for the tower. The trees surrounding the station have been cleared back to meet the PSD siting requirement that no obstacles exist within a distance that is ten times their height. The nearest sizeable obstacle is a microwave repeater shed approximately 50 meters away along the ridge.

Both poles are equipped with PSD quality meteorological monitoring equipment that monitors the following parameters:

- **Wind Speed and Direction** (meters per second and degrees): Redundant R.M. Young model 5305 AQ wind speed and direction propeller anemometers
- **Sigma Theta** (degrees): DAS calculated – Yamartino (1984) method
- **Temperature** (degrees Centigrade): Redundant Climatronics 100093-2 thermistors
- **Vertical Temperature** Difference (degrees Centigrade): Climatronics 10093-2 thermistor located at 2-meters and one at 10-meters
- **Solar Radiation** (watts per meter squared): one Kipp&Zonen CMP11 thermopile and one Li-Cor LI-200 photovoltaic detector.
- **Precipitation** (millimeters per hour): NovaLynx 260-2500E heated tipping bucket precip gauge.

The meteorological monitoring at Pogo Mine will run in accordance with EPA's PSD monitoring permit requirements and guidance including semiannual performance audit evaluations.

The semiannual performance audit was conducted for the Pogo Mine Meteorological Monitoring Program on October 3 through 5, 2011. Justin Frahm of SLR conducted the performance audit with Brian Wilkinson, station operator, also of SLR, as witness. The performance audit challenges the measurement system and adds an independent assurance that calibrations and adjustments performed on the system are done correctly and accurately.

Performance audit limits to which the station sensors are held and methods used are presented in Table 3-1. The performance audit data sheets for the Pogo Mine Meteorological Monitoring Program are provided in Appendix A. Certifications for the audit equipment are provided in Appendix B.

Table 3-1. Performance Audit Methods and Acceptance Limits

Parameter	Audit Method	EPA/Manufacturer Limit
Datalogger Time	NOAA Clock	±5:00 minutes
Wind Direction Alignment	Compass bearing	±5° from true azimuth per point
Wind Direction Linearity	Linearity tester	≤ ±3° each point
Wind Direction Torque	Vane torque gauge	≤ 11.0 gm-cm
Wind Speed Accuracy	Synchronous rpm motor	±0.2 m/s for speeds ≤ 5m/s; ±5% of input for speeds>5 m/s
Wind Speed Torque	Torque disk	≤ 1.0 gm-cm
Air Temperature Accuracy	Co-located NIST Thermometer	±0.5 °C
Air Temperature Differential (Δ T)	Co-located Thermometers	±0.1 °C
Relative Humidity	Co-located NIST RH Probe	±7.0% for RH (or ± 1.5 °C for dewpoint)
Barometric Pressure	Co-located NIST BP Probe	±3.0 mb
Solar Radiation	Co-located NIST Solar Sensor	±10 W/m2 if audit value is ≤ 200 W/m2 ±5% of audit value if audit value is over 200 W/m2
Precipitation	Controlled volume drip	±10%

Meteorological Monitoring Equipment Performance Audit Methodology

Data Acquisition System

During each performance audit, the value of each meteorological sensor is compared to the output value from audit equipment of NIST-traceable instruments or other authoritative standards co-located with the sensor. The difference between the station's datalogger reading and the output from each audit instrument is compared with established EPA limits and State of

Alaska limits to determine the accuracy of each sensor. Additionally, threshold torques for wind speed and direction are measured with audit equipment and compared with established EPA and State of Alaska limits. The DAS time was checked against an instantaneous time reading from the National Oceanic and Atmospheric Administration (NOAA) atomic clock in Boulder, Colorado, via a hand held global positioning system (GPS).

Wind Direction

The wind direction sensors are first audited as-found to determine the accuracy of their alignment with respect to true north (true azimuth alignment) using one of three methods.

- First Method – a handheld GPS unit is used to measure the position of the auditor with respect to a waypoint captured under the wind sensor's position on the tower. Using binoculars, the tail of the wind vane is aligned with the auditor's position at a distance of several hundred feet from the tower. The GPS bearing back to the tower waypoint is then compared to the DAS reading. The difference between the two should not exceed ±5° per audit point. This procedure is repeated at least 4 times, once per quadrant, generally as close to the cardinal directions as possible.

- Second Method – uses a calibrated precision compass mounted on a gimbal and tripod. The compass declination is preset for the specific location and date using one of a variety of magnetic declination computer models. The sensor's tail is aligned toward the auditor while auditor sights the compass toward the sensor and readings are taken in a similar manner to the GPS method.

- Third Method – is to align the tail of the sensor with a distant identifiable landmark of known bearing. The bearing to the landmark may be ascertained using a variety of methods. One method involves physically capturing a distant GPS waypoint, such as at a discernable structure or emissions stack. Bearings to inaccessible natural landmarks, usually distant mountain peaks, are acquired through the use of various computer mapping programs, such as National Geographic's TOPO program or USGS digital raster graphics (DRGs) loaded into AutoCAD. The bearing from the station location to the landmark is compared to the DAS reading. This method yields the most accurate audit value, but is limited by weather and availability of discernable landmarks.

The wind direction audit method used was a combination of the last two above methods.

The wind direction accuracy and linearity are subsequently audited. The wind direction sensor may be removed from the tower for this audit. The RM Young sensor is mounted on a RM Young linearity stand. The sensor is mounted on a rotating shaft which is keyed to the sensor and the base. The base of the linearity stand is graduated from 0° to 360°. As the sensor is rotated a pointer indicates the direction in degrees. A series of readings starting at 30° and then clockwise in 30° increments to 355 degrees is taken. The potentiometer of the RM Young sensor has a "dead spot" between 355 degrees and 360 degrees in which readings are unreliable and so readings in this area are not challenged.

The RM Young wind direction starting torque is measured when the sensor is removed from the tower and taken to a level and breeze free area (usually not possible unless a shelter is present). An alternative method less susceptible to wind is to remove the sensor from the tower as usual, remove the nose cone and body from the sensor, and replace the body with another

body having no tail or nose with one of the ends sealed against the wind. This shortened body is fashioned from a discarded sensor of the same model. An RM Young wind vane torque gauge is mounted on the sensor and starting torque is measured by noting the deflection of a spring when pulled by an attached string that barely starts the sensor to spin. This is accomplished in both directions and the highest torque readings are compared to EPA and State of Alaska limits for instrument starting torque. The sensor is then reassembled with the original body.

Finally, the wind direction sensors are placed back on the tower. An as-left wind direction audit may be performed to assure the operator that the instruments are left properly aligned.

Wind Speed

The anemometer is audited to determine relative accuracy for wind speed and starting torque threshold after the sensor is removed from the cross-arm and the propeller removed from the sensor.

First, an RM Young synchronous motor is attached to the anemometer. The sensor shaft is rotated at several different known revolutions per minute (rpm). Each rpm of the audit instrument is equivalent to meters per second (m/sec) rate using the manufacturer's anemometer calibration formula (m/sec = 0.00512 x rpm). Comparisons are made between the converted m/sec rate of the audit instrument and the DAS output reading.

Next, a torque disk is attached to the propeller shaft of the anemometer. Screw(s) weighing 0.1 gram are attached to the disk in increments of 1 cm from the center generating torques in increments of 0.1 g-cm. The lowest torque required to turn the shaft of the anemometer is compared to the EPA/Alaska Department of Environmental Conservation (ADEC) limits.

Air Temperature and Vertical Air Temperature Difference

The main air temperature thermistors are audited against NIST traceable digital thermometers to determine relative accuracy. For the temperature comparisons the 2-meter and 10-meter thermistors are removed from their motor aspirated shields and co-located with the NIST thermometer within thermoses containing hot water, warm water, ice water, and antifreeze super-cooled by dry ice after removing. The temperature output reading from the DAS for each thermistor is compared to the handheld NIST traceable digital thermometer.

The vertical temperature difference is audited by recording the temperature difference between the 2-meter and 10-meter temperature sensors while in the thermoses as mentioned above. The difference is recorded and compared to the EPA limit to determine relative accuracy.

Solar Radiation

The field solar radiation sensor is audited by comparing the mean of hourly averages of solar radiation values of the field sensors (Eppley and Licor) to the mean of the hourly average radiation values of the audit sensor for a full diurnal cycle, if possible. The audit sensor is connected to an independent DAS where hourly solar radiation averages are recorded. The time on the audit DAS is synchronized with the station DAS to ensure that the same time

periods are compared. The difference between the means of the two hourly averages is compared to the established ADEC limit in order to determine accuracy.

ADEC has determined that overall acceptance for observed audit solar mean values less than or equal to 200 W/m^2 shall be ±10 W/m^2. For observed mean audit values over 200 W/m^2 the error shall be ±5% of the observed audit mean value. In addition, the station solar sensor hourly mean must go to zero during periods of total darkness.

Precipitation

The NovaLynx tipping precipitation gauge is audited by slowly adding precisely measured volumes of water to the gauge using a dripping Nova Lynx Model 260-2595 Rain Gauge Calibrator. The predicted millimeters of precipitation corresponding to the measured volume added are calculated using the diameter of the gauge opening. The tare reading from the DAS is initially recorded and subsequent DAS readings are recorded after each test run.

PERFORMANCE AUDIT RESULTS AND RECOMMENDATIONS

Performance Audit Results

Each sensor in the Pogo Mine Meteorological Monitoring Project was challenged with certified audit equipment. The station was found to be in good working order and all tested parameters passed their respective audits. Summaries of the performance audit results are provided in Tables 4-1 and 4-2.

Table 4-1. Pogo Airport Monitoring Station Audit Summary

Parameter	EPA / ADEC Limit	Units	Max or Avg Absolute Value	Pass/Fail
Datalogger Time	≤ ±5:00	Min:Sec	00:00:25	Pass
Wind Sensor Set A				
Wind Direction Alignment (As-Found)	≤ ±5	degrees	2.8	Pass
Wind Direction Linearity	≤ 3	degrees	1.9	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<7.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Wind Sensor Set B				
Wind Direction Alignment (As-Found)	≤ ±5	degree	4.8	Pass
Wind Direction Linearity	≤ 3	degree	1.7	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<7.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Air Temperature Accuracy Set A				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.30[1]	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.21[1]	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.09[1]	Pass
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.26[2]	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.23[2]	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.05	Pass
Air Temperature Accuracy Set B				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.21	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.21	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.06	Pass
Solar Radiation (Kipp&Zonen)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	0.6	Pass
Solar Radiation (Licor)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	2.2	Pass
Precipitation	≤ ±10%	%	6.2	Pass

[1] As found temperature probe audit
[2] After replacement temperature probe audit

Table 4-2. Pogo Ridge Monitoring Station Audit Summary

Parameter	EPA / ADEC Limit	Units	Max or Avg Absolute Value	Pass/Fail
Datalogger Time	≤ ±5:00	Min:Sec	00:00:25	Pass
Wind Sensor Set A				
Wind Direction Alignment (As-Found)	≤ ±5	degrees	2.7	Pass
Wind Direction Linearity	≤ 3	degrees	2.8	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<6.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Wind Sensor Set B				
Wind Direction Alignment (As-Found)	≤ ±5	degree	2.0	Pass
Wind Direction Linearity	≤ 3	degree	1.9	Pass
Wind Direction Torque	≤ 11.0	gm-cm	<6.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS ≥ 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	<0.5	Pass
Air Temperature Accuracy Set A				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.37	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.29	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.08	Pass
Air Temperature Accuracy Set B				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.29	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.35	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.06	Pass
Solar Radiation (Kipp&Zonen)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	0.9	Pass
Solar Radiation (Licor)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200 W/m^2	W/m^2	2.3	Pass
Precipitation	≤ ±10%	%	3.7	Pass

Recommendations and Conclusions

The individual measurement systems at this station were determined to be in full EPA and ADEC compliance for PSD quality meteorological monitoring. There are no recommendations at this time.

AUDIT EQUIPMENT

All audit equipment and reference standards were in current calibration and traceable to NIST or other authoritative standards. Copies of certification records of audit equipment are included in Appendix B. A summary of the audit equipment used during the audit is provided in Table 5-1.

Table 5-1. Audit Equipment

References	Manufacturer	Model No.	Serial No.	Calibration Due Date
Temperature Digital Module	VWR	61220-601	111311377	3/17/2012
Temperature Probe	VWR	61220-604	111311377	3/17/2012
Horizontal Wind Speed	RM Young	18802	CA03031	10/27/2011
Horizontal Wind Speed Torque	RM Young	Torque Disk	Audit	No calibration necessary
Horizontal Wind Direction Torque	RM Young	Vane torque disk	Audit	No calibration necessary
Wind Direction Linearity	RM Young	Linearity Test Stand	Audit	No calibration necessary
Horizontal Wind Direction Alignment	Brunton	Pocket Transit	5060210755	9/20/2012
Solar Sensor	Eppley	PSP	35144F3	12/12/2012
Precipitation Gauge	NovaLynx	260-2595	Audit	No calibration necessary

REFERENCES

United States Environmental Protection Agency. *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD).* EPA-450/4-87-007. Research Triangle Park, NC: OAQPS, 1987.

United States Environmental Protection Agency. *Guideline on Air Quality Models.* 40 CFR Part 51, Appendix W. Washington: GPO, 1996.

United States Environmental Protection Agency. *Meteorological Monitoring Guidance for Regulatory Modeling Applications.* EPA-454/R-99-005. Research Triangle Park, NC: OAQPS, 2000.

United States Environmental Protection Agency. Quality Assurance Handbook for Air Pollution Measurement Systems: Vol. IV -- Meteorological Measurements. Version 2.0 (Final). EPA-454/B-08-002. Research Triangle Park, NC: ORD, March 2008.

United States Environmental Protection Agency. *Quality Assurance Requirements for Prevention of Significant Deterioration (PSD) Air Monitoring.* 40 CFR Part 58, Appendix A. Washington: GPO, October 2006.

Yamartino, R.J. A Comparison of Several "Single-Pass" Estimators of the Standard Deviation of Wind Direction. Journal of Climate Applied Meteorology 23 (1984): 1362-66.

APPENDIX A

Performance Audit Data Sheets

Time, Barometric Pressure and Relative Humidty Audit Report

Owner: SMM Pogo
Technician: J Frahm

Operator: B Wilkinson
Witness(s): B Wilkinson

Station Site: PAR
Cal. Date: 10/3/2011

DAS TIME Audit

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	10/3/2011	10/3/2011	00:00	**PASS**
Time	18:00:00	17:59:35	-00:25	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments:

Temperature Sensors and ΔT Audit Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2578C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2713C
Cal Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 111311377
Cal Probe	Make: VWR	Model: 61220-604	S.N.#: 111311377

COLLOCATED THERMISTOR TEST

Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-31.80	-32.10	-0.30	PASS	-32.01	-0.21	PASS	0.09	PASS
Cold	-15 to 0	-23.10	-23.19	-0.09	PASS	-23.13	-0.03	PASS	0.06	PASS
Ice Bath	0	1.10	1.11	0.01	PASS	1.18	0.08	PASS	0.07	PASS
Warm	15 to 25	18.90	18.93	0.03	PASS	18.93	0.03	PASS	0.00	PASS
Hot	25 to 35	32.90	33.00	0.10	PASS	32.94	0.04	PASS	-0.06	PASS
		Max Abs. Error		0.30	PASS		0.21	PASS		

Time Begin: 12:45
Time End: 18:00

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Temperature Sensors and ΔT Audit Set "A"

Owner: SMM Pogo
Technician: J Frahm
Operator: B Wilkinson
Witness(s): B Wilkinson
Station Site: PAR
Cal. Date: 10/3/2011

2M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2623C
10M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2624C
Cal Digital Thermometer	Make:	VWR	Model:	61220-601	S.N.#: 111311377
Cal Probe	Make:	VWR	Model:	61220-604	S.N.#: 111311377

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-37.60	-37.86	-0.26	PASS	-37.83	-0.23	PASS	0.03	PASS
Cold	-15 to 0	-23.80	-23.93	-0.13	PASS	-23.93	-0.13	PASS	0.00	PASS
Ice Bath	0	0.30	0.31	0.01	PASS	0.31	0.01	PASS	0.00	PASS
Warm	15 to 25	19.60	19.51	-0.09	PASS	19.51	-0.09	PASS	0.00	PASS
Hot	25 to 35	42.40	42.46	0.06	PASS	42.41	0.01	PASS	-0.05	PASS
		Max Abs. Error		0.26	PASS		0.23	PASS		

Time Begin: 12:45
Time End: 18:00

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments: Temperature probes changed to improve performance even though original set passed.

Temperature Sensors and ΔT Audit Set "B"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2712C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2582C
Cal Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 111311377
Cal Probe	Make: VWR	Model: 61220-604	S.N.#: 111311377

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-31.80	-32.01	-0.21	PASS	-32.01	-0.21	PASS	0.00	PASS
Cold	-15 to 0	-23.10	-23.13	-0.03	PASS	-23.13	-0.03	PASS	0.00	PASS
Ice Bath	0	1.10	1.18	0.08	PASS	1.18	0.08	PASS	0.00	PASS
Warm	15 to 25	18.90	18.87	-0.03	PASS	18.93	0.03	PASS	0.06	PASS
Hot	25 to 35	32.90	33.00	0.10	PASS	33.00	0.10	PASS	0.00	PASS
		Max Abs. Error		0.21	PASS		0.21	PASS		

Time Begin: 12:45
Time End: 18:00

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Temperature Sensors and ΔT Audit Set "B"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2712C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2582C
Cal Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 111311377
Cal Probe	Make: VWR	Model: 61220-604	S.N.#: 111311377

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-37.60	-37.91	-0.31	PASS	-37.97	-0.37	PASS	-0.06	PASS
Cold	-15 to 0	-23.80	-23.89	-0.09	PASS	-23.96	-0.16	PASS	-0.07	PASS
Ice Bath	0	0.30	0.31	0.01	PASS	0.31	0.01	PASS	0.00	PASS
Warm	15 to 25	19.60	19.57	-0.03	PASS	19.57	-0.03	PASS	0.00	PASS
Hot	25 to 35	42.40	42.52	0.12	PASS	42.52	0.12	PASS	0.00	PASS
		Max Abs. Error		0.31	PASS		0.37	PASS		

Time Begin: 12:45
Time End: 18:00

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Audit Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

Wind Sensor	Make:	RM Young	Model:	05305-5	S.N.#:	112379
Propeller	Make:	RM Young	Model:	05305-5	Prop #:	71158
Low Speed Cal Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make:	RM Young	Model:	18802	S.N.#:	CA03031
Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 12:45

Time End: 18:00

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.500	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Speed Audit Set "B"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

Wind Sensor	Make:	RM Young	Model:	05305-5	S.N.#:	112382
Propeller	Make:	RM Young	Model:	05305-5	Prop #:	71129
Low Speed Cal Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make:	RM Young	Model:	18802	S.N.#:	CA03031
Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 12:45

Time End: 18:00

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.500	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Audit Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Audit	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5060210755	Magnetic Declination: 20 49' E of N
Torque	Make:	RM Young	Model:	18331	S.N.#:	Audit	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
W To Compass	89.1	90.5	1.4	PASS
W From Compass	269.1	271.9	2.8	PASS
N To Compass	171.1	173.3	2.2	PASS
N From Compass	351.1	353.5	2.4	PASS
		Max Abs. Error	2.8	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	30.8	0.8	PASS
60.0	60.1	0.1	PASS
90.0	89.1	-0.9	PASS
120.0	120.8	0.8	PASS
150.0	150.7	0.7	PASS
180.0	180.7	0.7	PASS
210.0	211.6	1.6	PASS
240.0	241.9	1.9	PASS
270.0	271.8	1.8	PASS
300.0	301.5	1.5	PASS
330.0	331.6	1.6	PASS
355.0	354.5	-0.5	PASS
	Max Abs Error	1.9	PASS
	Mean Abs. Error	1.075	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	7.000	PASS
As-left	11.0	0.153		

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☐ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
		Max Abs. Error		

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Horizontal Wind Direction Audit Set "B"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PAR
Technician:	J Frahm	Witness(s):	B Wilkinson	Cal. Date:	10/3/2011

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Audit	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5060210755	Magnetic Declination: 20 49' E of N
Torque	Make:	RM Young	Model:	18331	S.N.#:	Audit	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
W To Compass	88.6	93.2	4.6	PASS
W From Compass	268.6	273	4.4	PASS
N To Compass	171.1	175.9	4.8	PASS
N From Compass	351.1	354.5	3.4	PASS
	Max Abs. Error		4.8	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	31.0	1	PASS
60.0	60.8	0.8	PASS
90.0	91.0	1	PASS
120.0	121.1	1.1	PASS
150.0	150.6	0.6	PASS
180.0	181.1	1.1	PASS
210.0	211.7	1.7	PASS
240.0	240.8	0.8	PASS
270.0	271.7	1.7	PASS
300.0	300.7	0.7	PASS
330.0	330.6	0.6	PASS
355.0	354.6	-0.4	PASS
	Max Abs Error	1.7	PASS
	Mean Abs. Error	0.958	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	7.000	PASS
As-left	11.0	0.153		

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☐ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
	Max Abs. Error			

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation Audit

Owner: SMM Pogo
Technician: J Frahm
Operator: B Wilkinson
Witness(s): B Wilkinson
Station Site: PAR
Cal. Date: 10/3/2011

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1024 Range: 6 Inches per Hour

Cal Equipment Make: NovaLynx Model: 260-2595 S.N.#: Audit Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
15:30		250	7.7	0	7.62	7.62	-1.2%	PASS	
15:45		650	20.0	-15.24	5.842	21.082	5.2%	PASS	
16:30		650	20.0	0	18.8	18.8	-6.2%	PASS	
					Max Abs. Error		6.2%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation Audit

Owner: SMM Pogo
Technician: J Frahm

Operator: B Wilkinson
Witness: B Wilkinson

Station Site: PAR
Cal Date: 10/3/2011

Station Sensor A	Make:	Kipp&Zonen	Model:	CMP11	S.N.#:	114209
Station Sensor B	Make:	LiCor	Model:	LI200	S.N.#:	py74187
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#:	35144F3

Sensor A Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/3/2011 14:00	194.1	190.4
10/3/2011 15:00	110.6	107.6
10/3/2011 16:00	84.6	84.2
10/3/2011 17:00	58.0	60.9
10/3/2011 18:00	6.6	10.8
10/3/2011 19:00	0.0	0.9
10/3/2011 20:00	0.0	0.0
10/3/2011 21:00	0.0	0.0
10/3/2011 22:00	0.0	0.0
10/3/2011 23:00	0.0	0.0
10/4/2011 00:00	0.0	0.0
10/4/2011 01:00	0.0	0.0
10/4/2011 02:00	0.0	0.0
10/4/2011 03:00	0.0	0.0
10/4/2011 04:00	0.0	0.0
10/4/2011 05:00	0.0	0.0
10/4/2011 06:00	0.0	0.0
10/4/2011 07:00	0.0	0.6
10/4/2011 08:00	13.1	14.1
10/4/2011 09:00	58.6	58.0
10/4/2011 10:00	117.7	114.2
10/4/2011 11:00	147.7	143.4
10/4/2011 12:00	211.7	206.8
10/4/2011 13:00	215.0	211.2
Average	50.7	50.1
Avg % Error	N/A	N/A
Avg Abs Error	0.6	PASS

Sensor B Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/3/2011 14:00	194.1	185.6
10/3/2011 15:00	110.6	107.5
10/3/2011 16:00	84.6	83.7
10/3/2011 17:00	58.0	58.1
10/3/2011 18:00	6.6	9.3
10/3/2011 19:00	0.0	0.0
10/3/2011 20:00	0.0	0.0
10/3/2011 21:00	0.0	0.0
10/3/2011 22:00	0.0	0.0
10/3/2011 23:00	0.0	0.0
10/4/2011 00:00	0.0	0.0
10/4/2011 01:00	0.0	0.0
10/4/2011 02:00	0.0	0.0
10/4/2011 03:00	0.0	0.0
10/4/2011 04:00	0.0	0.0
10/4/2011 05:00	0.0	0.0
10/4/2011 06:00	0.0	0.0
10/4/2011 07:00	0.0	0.1
10/4/2011 08:00	13.1	12.6
10/4/2011 09:00	58.6	55.2
10/4/2011 10:00	117.7	111.2
10/4/2011 11:00	147.7	138.2
10/4/2011 12:00	211.7	200.4
10/4/2011 13:00	215.0	202.4
Average	50.7	48.5
Avg % Error	N/A	N/A
Avg Abs Error	2.2	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

Time, Barometric Pressure and Relative Humidty Audit Report

Owner: SMM Pogo
Technician: B Wilkinson

Operator: B Wilkinson
Witness(s): J Frahm

Station Site: PRG
Cal. Date: 10/4/2011

DAS TIME CALIBRATION

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	10/4/2011	10/4/2011	00:00	**PASS**
Time	10:57:00	10:56:35	-00:25	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments:

Temperature Sensors and ΔT Audit Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PRG
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/4/2011

2M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#:	K2215C
10M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#:	K2711C
Cal Digital Thermometer	Make:	VWR	Model:	61220-601	S.N.#:	21240068
Cal Probe	Make:	VWR	Model:	61220-601	S.N.#:	21240068

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-37.00	-37.27	-0.27	PASS	-37.19	-0.19	PASS	0.08	PASS
Cold	-15 to 0	-21.90	-21.86	0.04	PASS	-21.86	0.04	PASS	0.00	PASS
Ice Bath	0	0.05	0.45	0.40	PASS	0.39	0.34	PASS	-0.06	PASS
Warm	15 to 25	21.00	20.99	-0.01	PASS	20.95	-0.05	PASS	-0.04	PASS
Hot	25 to 35	37.70	37.74	0.04	PASS	37.70	0.00	PASS	-0.04	PASS
		Max Abs. Error		0.40	PASS					

Time Begin:	10:14
Time End:	10:45

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Audit Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PRG
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/4/2011

Wind Sensor	Make:	RM Young	Model:	05305-AQ	S.N.#:	112380
Propeller	Make:	RM Young	Model:	05305-AQ	Prop #:	71191
Low Speed Cal Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Cal Motor	Make:	RM Young	Model:	18802	S.N.#:	CA03255
Torque	Make:	Waters	Model:	366-3	S.N.#:	4864

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin:

Time End:

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	oz-in	FAIL
As-found	1.0	0.014	0.005	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Audit Set "A"

Owner:	SMM Pogo	Operator:	B Wilkinson	Station Site:	PRG
Technician:	B Wilkinson	Witness(s):	J Frahm	Cal. Date:	10/4/2011

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Calibration	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080896571	Magnetic Declination: 20 49' E of N
Torque	Make:	Honeywell	Model:	366-0	S.N.#:	56-5042	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
To compass Loc 1	304.1	302.8	-1.3	PASS
From compass Loc 1	124.1	123.8	-0.3	PASS
To compass Loc 3	341	342	1	PASS
From compass Loc 3	161	161.7	0.7	PASS
	MaxAbs. Error		1.3	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	29.6	-0.4	PASS
60.0	60.1	0.1	PASS
90.0	89.9	-0.1	PASS
120.0	119.9	-0.1	PASS
150.0	149.5	-0.5	PASS
180.0	178.8	-1.2	PASS
210.0	208.6	-1.4	PASS
240.0	238.2	-1.8	PASS
270.0	269.0	-1	PASS
300.0	300.4	0.4	PASS
330.0	330.4	0.4	PASS
355.0	354.6	-0.4	PASS
	Max Abs Error	1.8	PASS
	Mean Abs. Error	0.650	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	oz-in	
As-found	11.0	0.153	0.060	PASS
As-left	11.0	0.153		

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
To compass Loc 3	341	341.5	0.5	PASS
From compass Loc 3	161	161.5	0.5	PASS
	Max Abs. Error		0.5	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation Audit

Owner: SMM Pogo
Technician: B Wilkinson
Operator: B Wilkinson
Witness(s): J Frahm
Station Site: PRG
Cal. Date: 10/4/2011

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1023 Range: 6 Inches per Hour

Cal Equipment Make: NovaLynx Model: 260-2595 S.N.#: Calibration Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
11:15		650	20.0	0	18.29	18.29	-8.7%	PASS	
11:37		325	10.0	0	10.414	10.414	3.9%	PASS	
13:10		200	6.2	0	6.096	6.096	-1.2%	PASS	
					Max Abs. Error		8.7%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation Audit

Owner: SMM Pogo
Technician: J Frahm

Operator: B Wilkinson
Witness: B Wilkinson

Station Site: PRG
Cal Date: 10/3/2011

Station Sensor A	Make:	Kipp&Zonen	Model:	CMP11	S.N.#:	114210
Station Sensor B	Make:	LiCor	Model:	LI200	S.N.#:	PY74189
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#:	35144F3

Sensor A Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/5/2011 00:00	0.0	0.0
10/5/2011 01:00	0.0	0.0
10/5/2011 02:00	0.0	0.0
10/5/2011 03:00	0.0	0.0
10/5/2011 04:00	0.0	0.1
10/5/2011 05:00	0.0	0.1
10/5/2011 06:00	0.0	0.1
10/5/2011 07:00	0.4	1.6
10/5/2011 08:00	16.8	16.6
10/5/2011 09:00	127.4	112.5
10/5/2011 10:00	242.4	209.7
10/5/2011 11:00	287.4	278.0
10/5/2011 12:00	312.5	325.0
10/5/2011 13:00	307.1	313.5
10/5/2011 14:00	297.3	302.8
10/5/2011 15:00	239.3	243.9
10/5/2011 16:00	107.3	108.6
10/5/2011 17:00	48.9	49.9
10/5/2011 18:00	9.8	12.5
10/5/2011 19:00	0.0	0.4
10/5/2011 20:00	0.0	0.1
10/5/2011 21:00	0.0	0.1
10/5/2011 22:00	0.0	0.1
10/5/2011 23:00	0.0	0.1
Average	83.2	82.3
Avg % Error	N/A	N/A
Avg Abs Error	0.9	PASS

Sensor B Calibration		
Data Hr AST	CAL W/m^2	DAS W/m^2
10/5/2011 00:00	0.0	0.0
10/5/2011 01:00	0.0	0.0
10/5/2011 02:00	0.0	0.0
10/5/2011 03:00	0.0	0.0
10/5/2011 04:00	0.0	0.0
10/5/2011 05:00	0.0	0.0
10/5/2011 06:00	0.0	0.0
10/5/2011 07:00	0.4	0.4
10/5/2011 08:00	16.8	14.4
10/5/2011 09:00	127.4	97.9
10/5/2011 10:00	242.4	195.7
10/5/2011 11:00	287.4	269.7
10/5/2011 12:00	312.5	319.0
10/5/2011 13:00	307.1	314.3
10/5/2011 14:00	297.3	306.5
10/5/2011 15:00	239.3	248.9
10/5/2011 16:00	107.3	113.5
10/5/2011 17:00	48.9	50.7
10/5/2011 18:00	9.8	10.7
10/5/2011 19:00	0.0	0.0
10/5/2011 20:00	0.0	0.0
10/5/2011 21:00	0.0	0.0
10/5/2011 22:00	0.0	0.0
10/5/2011 23:00	0.0	0.0
Average	83.2	80.9
Avg % Error	N/A	N/A
Avg Abs Error	2.3	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

APPENDIX B

Audit Sensor Certifications

CALIBRATION AND TESTING STATEMENT

Model 18112 Vane Angle Bench Stand
Model 18212 Vane Angle Fixture
Model 18310 Propeller Torque Disc
Model 18312 Cup Wheel Torque Disc
Model 18331 Vane Torque Gauge

R. M. Young Company certifies that the above calibration accessories are inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

Statement Date: 12 August 2010

R.M. Young Company

Ryan Phillips

R.M. YOUNG COMPANY 2801 Aero Park Drive, Traverse City Michigan 49686-9171 USA
TEL: (231) 946-3980 FAX: (231) 946-4772 Email: met.sales@youngusa.com
ISO9001:2008 Certified

CERTIFICATE OF CALIBRATION AND TESTING

MODEL: **18801** (Comprised of Models 18820 Control Unit & 18830 Motor Assembly)
SERIAL NUMBER: CA01674

R. M. Young Company certifies that the above equipment was inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

Nominal Motor Rpm	Output Frequency Hz (1)	Calculated Rpm (2)	Indicated Rpm (3)
600	320	600	600
1200	640	1200	1200
2400	1280	2400	2400
4200	2240	4200	4200
6,000	3200	6000	6000
8,100	4320	8100	8100
9,900	5280	9900	9900
☒ Clockwise and Counterclockwise rotation verified			

(1) Measured at the optical encoder output.
(2) Frequency output produces 32 pulses per revolution of motor shaft.
(3) Indicated on the Control Unit LCD display.

* Indicates out of tolerance

☒ No Calibration Adjustments Required ☐ As Found ☐ As Left

Traceable frequency meter used in calibration Model: DP5740 SN: 4863

Date of inspection 2 Nov 2011
Inspection Interval One Year

Tested By EC

EPLAB

THE EPPLEY LABORATORY, INC.

12 Sheffield Avenue, PO Box 419, Newport, Rhode Island USA 02840
Phone: 401.847.1020 Fax: 401.847.1031 Email: info@eppleylab.com

STANDARDIZATION OF EPPLEY PRECISION SPECTRAL PYRANOMETER Model PSP

Serial Number: 36068F3

Resistance: 676 Ω at 23°C
Temperature Compensation Range: -20° to +40°C

This radiometer has been compared with Standard Precision Spectral Pyranometer, Serial Number 21231F3 in Eppley's Integrating Hemisphere under radiation intensities of approximately 700 watts meter^{-2} (roughly one half a solar constant).

As a result of a series of comparisons, it has been found to have a sensitivity of:

$$7.90 \times 10^{-6} \text{ volts/watts meter}^{-2}$$

The calculation of this constant is based on the fact that the relationship between radiation intensity and emf is rectilinear to intensities of 1400 watts meter^{-2}. This radiometer is linear to within ± 0.5% up to this intensity.

The calibration of this instrument is traceable to standard self-calibrating cavity pyrheliometers in terms of the Systems Internationale des Unites (SI units), which participated in the Tenth International Pyrheliometric Comparisons (IPC X) at Davos, Switzerland in September-October 2005.

Eppley recommends a minimum calibration cycle of five (5) years but encourages annual calibrations for highest measurement accuracy. Unless otherwise stated in the remarks section below or on the Sales Order, the results are "AS FOUND / AS LEFT".

Useful conversion facts: 1 cal cm^{-2} min^{-1} = 697.3 watts meter^{-2}
1 BTU/ft^2-hr^{-1} = 3.153 watts meter^{-2}

Shipped to: SLR International Corp.
Anchorage, AK

S.O. Number: 63127
Date: August 30, 2011

Date of Test: August 25, 2011

In Charge of Test: Debra L. Beatty

Reviewed by: Thomas D. Kuch

Remarks:

THE BRUNTON COMPANY

CERTIFICATE OF CALIBRATION

Equipment Owner

Name SLR International

Address 3401 Minnesota Dr, Suite 300, Anchorage AK 99503

Calibration traceable to the National Institute of Standards and Technology in accordance with MIL-STD-45662A has been accomplish on the instrument listed below by comparison with standards maintained by The Brunton Co. The accuracy and stability of all standards maintained by The Brunton Co. are traceable to national standards maintained by the National Institute of Standards and Technology in Washington,D.C. and Boulder, CO. Complete record of all work performed is maintained by The Brunton Co. and is available for inspection upon request.

This unit has been calibrated to Lietz TM10E serial number 30937 traceable to N.B.S. NO. 738227675 this 13 Day of March 20 12

Description Pocket Transit

Purchase Order RA 2564370

Order Number SO-024996

Model Number F-5008

Serial Number 5080799319

Calibration Date March 13 2012

Recalibration Due Date March 13, 2013

Signed [illegible] 3/13/12

Quality Control Manager

Alaska Calibration, Inc.

Troubleshooting, Repair and Calibration of
Test & Measurement Equipment

Certificate of Calibration

WORK ORDER NO. 11703 TRACEABILITY CERTIFICATE NO. 11080201

ISSUED TO: SLR CONSULTING

INSTRUMENT: 61220-601 Digital Thermometer, VWR, S/N 51091749; calibrated with a standard stainless steel triple purpose 61220-604 Probe, VWR, S/N 101796372.

DATE DONE: August 2, 2011 DATE DUE: August 1, 2012

CERTIFIED BY METROLOGIST: A. T. Grabowski TEMPERATURE: 73°F HUMIDITY: 44% RH

INCOMING STATUS: This instrument was in (XX) was out of ( ) tolerance when received.

CALIBRATION APPARATUS USED

MODEL	NOMENCLATURE	MFR	SERIAL NO.	DUE DATE
MK3900	Temperature Chamber	Delta Design	89308	NCR
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Made as Needed	Natural Phys. Const.
RFJA0T150CA060	Temperature Probe	Watlow/Gordon	A135	10/15/11
DP41-RTD	Digital Thermometer	Omega Engineering	4381337	10/30/11

CHARTED TEMPERATURE READINGS

Nominal Applied	Test Instrument Reading	Error from Nominal	Uncertainty of Measurement
-40.000°C	-40.006°C	+0.006°C	+/-0.009°C
-30.000°C	-30.003°C	+0.003°C	+/-0.009°C
-20.000°C	-20.001°C	+0.001°C	+/-0.009°C
-10.000°C	-10.000°C	+0.000°C	+/-0.009°C
+0.000°C	+0.000°C	+0.000°C	+/-0.009°C
+10.000°C	+10.000°C	+0.000°C	+/-0.009°C
+20.000°C	+20.002°C	+0.002°C	+/-0.009°C
+30.000°C	+30.004°C	+0.004°C	+/-0.009°C
+40.000°C	+40.006°C	+0.006°C	+/-0.009°C
NIST Traceable			

RANGE/LIMITATIONS: Calibrated Between -40°C & +40°C.

PROCEDURE & ACCURACY STATEMENT: T.O. 33K5-5-344-1. Accuracy: See Chart Above.

NIST TRACEABLE REPORT NUMBERS

MODEL	NOMENCLATURE	MFR	DUE DATE	REPORT
RFJA0TL150CA060	Temperature Probe	Watlow/Gordon	10/15/11	G10101509
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Natural Phys. Const.	Made as Needed

COMPLIANCE

Alaska Calibration, Inc.'s calibration practices and procedures comply with the requirements of ANSI/ ISO/IEC17025: 2005 and ANSI/NCSL/Z540-2: 1997 and ANSI/NCSL/Z540-3: 2006 and the relevant requirements of ISO 10012: 2003. The standards used are certified as being traceable to the National Institute of Standards and Technology (NIST), by comparison to SI units with laboratory standards in an unbroken chain of calibrations through appropriate primary and national measurement standards, derived from an acceptable value of a natural physical constant, or derived by the ratio type of self calibration techniques. This Certificate shall not be reproduced, except in full, without the written approval of Alaska Calibration, Inc.

1801 W. 48th Ave., Suite 9, Anchorage, Alaska 99517-3194 (907) 677-1993

Performance Audit Report
Pogo Mine Meteorological Monitoring Program

Sumitomo Metal Mining Pogo LLC
Delta Junction, AK

June 2012

AKreports@SLRconsulting.com
(907) 563-2137

Performance Audit Report

Prepared for:
Sumitomo Metal Mining Pogo LLC
PO Box 145
Delta Junction, AK 99737

This document has been prepared by SLR International Corp. The material and data in this report were prepared under the supervision and direction of the undersigned.

Gregg Malinky
SLR QA Officer

Ryan Kangas
SLR QA Auditor

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1.0 EXECUTIVE SUMMARY

On April 30 – May 1, a performance audit was conducted on the Pogo Mine Meteorological Monitoring Program. Ryan Kangas, working on behalf of SLR International Corp (SLR), performed the audit with Dominic Shallies, station operator, also of SLR acting as witness. Please note that Mr. Kangas is an SLR employee who was assigned to this project solely to provide auditing services and has nothing to do with the day to day operation of the station.

The results of the performance audit revealed that the equipment for the Pogo Mine Meteorological Monitoring Program is operating within the accuracy limits provided by EPA. Tables 1-1 and 1-2 provide a summarized list of the results from the performance audit.

Table 1-1. Pogo Airstrip Monitoring Station Audit Summary

Parameter	EPA / ADEC Limit	Units	Max or Avg Absolute Value	Pass/Fail
Datalogger Time	≤ ±5:00	Min:Sec	00:00:23	Pass
Wind Sensor Set A				
Wind Direction Alignment (As-Found)	≤ ±5	degrees	2.4	Pass
Wind Direction Linearity	≤ 3	degrees	2.4	Pass
Wind Direction Torque	≤ 11.0	gm-cm	4.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS > 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	.2	Pass
Wind Sensor Set B				
Wind Direction Alignment (As-Found)	≤ ±5	degree	2.4	Pass
Wind Direction Linearity	≤ 3	degree	2.9	Pass
Wind Direction Torque	≤ 11.0	gm-cm	4	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS > 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	0.3	Pass
Air Temperature Accuracy Set A				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.21	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.23	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.03	Pass
Air Temperature Accuracy Set B				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.23	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.23	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.05	Pass
Solar				
Solar Radiation (Kipp&Zonen)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200	W/m^2	0.7	Pass
Solar Radiation (Licor)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200	W/m^2	4.4	Pass
Precipitation	≤ ±10%	%	8.8	Pass

Table 1-2. Pogo Ridge Monitoring Station Audit Summary

Parameter	EPA / ADEC Limit	Units	Max or Avg Absolute Value	Pass/Fail
Datalogger Time	≤ ±5:00	Min:Sec	00:00:25	Pass
Wind Sensor Set A				
Wind Direction Alignment (As-Found)	≤ ±5	degrees	1.2	Pass
Wind Direction Linearity	≤ 3	degrees	2.1	Pass
Wind Direction Torque	≤ 11.0	gm-cm	5.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS > 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	0.2	Pass
Wind Sensor Set B				
Wind Direction Alignment (As-Found)	≤ ±5	degree	1.1	Pass
Wind Direction Linearity	≤ 3	degree	2.4	Pass
Wind Direction Torque	≤ 11.0	gm-cm	5.0	Pass
Wind Speed Accuracy	±0.2ms for WS ≤ 5m/s; ±5% for WS > 5m/s	m/s	0.0	Pass
Wind Speed Torque	≤ 1.0	gm-cm	0.2	Pass
Air Temperature Accuracy Set A				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.36	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.36	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.06	Pass
Air Temperature Accuracy Set B				
Air Temperature Accuracy 2m	≤ ±0.5	°C	0.35	Pass
Air Temperature Accuracy 10m	≤ ±0.5	°C	0.37	Pass
Vertical Temperature Difference (Δ T)	≤ ±0.1	°C	0.06	Pass
	Solar			
Solar Radiation (Kipp&Zonen)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200	W/m^2	0.1	Pass
Solar Radiation (Licor)	10 W/m^2 if audit value is ≤200 W/m^2 or ±5% of audit value if over 200	W/m^2	4.4	Pass
Precipitation	≤ ±10%	%	9.0	Pass

2.0 INTRODUCTION

The Pogo Mine is a gold mine which has been in operation since 2006. It is located in the upper Goodpastor River valley approximately 35 miles northeast of Delta Junction, Alaska. The meteorological data is intended to be collected in accordance with the Prevention of Significant Deterioration (PSD) requirements and guidance. The data is being collected to be used for dispersion modeling for any future air quality permit applications that may be required as well as to support other environmental studies that may be prepared with an air quality component.

There are two complete meteorological monitoring stations: one is located east of the Pogo Mine airstrip at 415 meters elevation while the other is located on the ridge above the 1690 underground mine portal at approximately 695 meters elevation. The trees surrounding both stations were removed prior to the performance audit to ensure the sties meet the PSD siting requirements.

The airstrip monitoring site, PAR, is a slightly raised level gravel area across a gravel road from a wide yard used for equipment storage and for pipe welding. The immediate environs surrounding the station is a wide expanse of gravel with bushes and thin trees surrounding the cleared areas.

The ridge site, PRG, is along the vertex of a ridge where the bed rock breaks through the soft moss ground cover, creating a solid base for the tower. The trees surrounding the station have been cleared back to meet the PSD siting requirement that no obstacles exist within a distance that is ten times their height. The nearest sizeable obstacle is a microwave repeater shed approximately 50 meters away along the ridge.

Both poles are equipped with PSD quality meteorological monitoring equipment that monitors the following parameters:

- **Wind Speed and Direction** (meters per second and degrees): Redundant R.M. Young model 5305-5 wind speed and direction propeller anemometers
- **Sigma Theta** (degrees): calculated by data acquisition system (DAS) – Yamartino (1984) method
- **Temperature** (degrees Centigrade): Redundant Climatronics 100093-2 thermistors
- **Vertical Temperature Difference** (degrees Centigrade): Climatronics 100093-2 thermistor located at 2-meters and one at 10-meters
- **Solar Radiation** (watts per meter squared): one Kipp&Zonen CMP11 thermopile and one Li-Cor LI-200 photovoltaic detector.
- **Precipitation** (millimeters per hour): NovaLynx 260-2500E heated tipping bucket precip gauge.

The meteorological monitoring at Pogo Mine will run in accordance with EPA's PSD monitoring permit requirements and guidance including semiannual performance audit evaluations.

3.0 PERFORMANCE AUDIT METHODOLOGY

The semiannual performance audit was conducted for the Pogo Mine Meteorological Monitoring Program on April 30 through May 1, 2012. Ryan Kangas of SLR conducted the performance audit with Dominic Shallies, station operator, also of SLR, as witness. The performance audit challenges the measurement system and adds an independent assurance that calibrations and adjustments performed on the system are done correctly and accurately.

Performance audit limits to which the station sensors are held and methods used are presented in Table 3-1. The performance audit data sheets for the Pogo Mine Meteorological Monitoring Program are provided in Appendix A. Certifications for the audit equipment are provided in Appendix B.

Table 3-1. Performance Audit Methods and Acceptance Limits

Parameter	Audit Method	EPA/Manufacturer Limit
Datalogger Time	NOAA Clock	±5:00 minutes
Wind Direction Alignment	Compass bearing	±5° from true azimuth per point
Wind Direction Linearity	Linearity tester	≤ ±3° each point
Wind Direction Torque	Vane torque gauge	≤ 11.0 gm-cm
Wind Speed Accuracy	Synchronous rpm motor	±0.2 m/s for speeds ≤ 5m/s; ±5% of input for speeds>5 m/s
Wind Speed Torque	Torque disk	≤ 1.0 gm-cm
Air Temperature Accuracy	Co-located NIST Thermometer	±0.5 °C
Air Temperature Differential (Δ T)	Co-located Thermometers	±0.1 °C
Relative Humidity	Co-located NIST RH Probe	±7.0% for RH (or ± 1.5 °C for dewpoint)
Barometric Pressure	Co-located NIST BP Probe	±3.0 mb
Solar Radiation	Co-located NIST Solar Sensor	±10 W/m2 if audit value is ≤ 200 W/m2 ±5% of audit value if audit value is over 200 W/m2
Precipitation	Controlled volume drip	±10%

Meteorological Monitoring Equipment Performance Audit Methodology

Data Acquisition System

During each performance audit, the value of each meteorological sensor is compared to the output value from audit equipment of NIST-traceable instruments or other authoritative standards co-located with the sensor. The difference between the station's datalogger reading and the output from each audit instrument is compared with established EPA limits and State of

Alaska limits to determine the accuracy of each sensor. Additionally, threshold torques for wind speed and direction are measured with audit equipment and compared with established EPA and State of Alaska limits. The DAS time was checked against an instantaneous time reading from the National Oceanic and Atmospheric Administration (NOAA) atomic clock in Boulder, Colorado, via a hand held global positioning system (GPS).

Wind Direction

The wind direction sensors are first audited as-found to determine the accuracy of their alignment with respect to true north (true azimuth alignment) using one of three methods.

- First Method – a handheld GPS unit is used to measure the position of the auditor with respect to a waypoint captured under the wind sensor's position on the tower. Using binoculars, the tail of the wind vane is aligned with the auditor's position at a distance of several hundred feet from the tower. The GPS bearing back to the tower waypoint is then compared to the DAS reading. The difference between the two should not exceed ±5° per audit point. This procedure is repeated at least 4 times, once per quadrant, generally as close to the cardinal directions as possible.

- Second Method – uses a calibrated precision compass mounted on a gimbal and tripod. The compass declination is preset for the specific location and date using one of a variety of magnetic declination computer models. The sensor's tail is aligned toward the auditor while auditor sights the compass toward the sensor and readings are taken in a similar manner to the GPS method.

- Third Method – is to align the tail of the sensor with a distant identifiable landmark of known bearing. The bearing to the landmark may be ascertained using a variety of methods. One method involves physically capturing a distant GPS waypoint, such as at a discernable structure or emissions stack. Bearings to inaccessible natural landmarks, usually distant mountain peaks, are acquired through the use of various computer mapping programs, such as National Geographic's TOPO program or USGS digital raster graphics (DRGs) loaded into AutoCAD. The bearing from the station location to the landmark is compared to the DAS reading. This method yields the most accurate audit value, but is limited by weather and availability of discernable landmarks.

The wind direction audit method used was a combination of the last two above methods.

The wind direction accuracy and linearity are subsequently audited. The wind direction sensor may be removed from the tower for this audit. The RM Young sensor is mounted on a RM Young linearity stand. The sensor is mounted on a rotating shaft which is keyed to the sensor and the base. The base of the linearity stand is graduated from 0° to 360°. As the sensor is rotated a pointer indicates the direction in degrees. A series of readings starting at 30° and then clockwise in 30° increments to 355 degrees is taken. The potentiometer of the RM Young sensor has a "dead spot" between 355 degrees and 360 degrees in which readings are unreliable and so readings in this area are not challenged.

The RM Young wind direction starting torque is measured when the sensor is removed from the tower and taken to a level and breeze free area (usually not possible unless a shelter is present). An alternative method less susceptible to wind is to remove the sensor from the tower as usual, remove the nose cone and body from the sensor, and replace the body with another

body having no tail or nose with one of the ends sealed against the wind. This shortened body is fashioned from a discarded sensor of the same model. An RM Young wind vane torque gauge is mounted on the sensor and starting torque is measured by noting the deflection of a spring when pulled by an attached string that barely starts the sensor to spin. This is accomplished in both directions and the highest torque readings are compared to EPA and State of Alaska limits for instrument starting torque. The sensor is then reassembled with the original body.

Finally, the wind direction sensors are placed back on the tower. An as-left wind direction audit may be performed to assure the operator that the instruments are left properly aligned.

Wind Speed

The anemometer is audited to determine relative accuracy for wind speed and starting torque threshold after the sensor is removed from the cross-arm and the propeller removed from the sensor.

First, an RM Young synchronous motor is attached to the anemometer. The sensor shaft is rotated at several different known revolutions per minute (rpm). Each rpm of the audit instrument is equivalent to meters per second (m/sec) rate using the manufacturer's anemometer calibration formula (m/sec = 0.00512 x rpm). Comparisons are made between the converted m/sec rate of the audit instrument and the DAS output reading.

Next, a torque disk is attached to the propeller shaft of the anemometer. Screw(s) weighing 0.1 gram are attached to the disk in increments of 1 cm from the center generating torques in increments of 0.1 g-cm. The lowest torque required to turn the shaft of the anemometer is compared to the EPA/Alaska Department of Environmental Conservation (ADEC) limits.

Air Temperature and Vertical Air Temperature Difference

The main air temperature thermistors are audited against NIST traceable digital thermometers to determine relative accuracy. For the temperature comparisons the 2-meter and 10-meter thermistors are removed from their motor aspirated shields and co-located with the NIST thermometer within thermoses containing hot water, warm water, ice water, and antifreeze super-cooled by dry ice. The temperature output reading from the DAS for each thermistor is compared to the handheld NIST traceable digital thermometer.

The vertical temperature difference is audited by recording the temperature difference between the 2-meter and 10-meter temperature sensors while in the thermoses as mentioned above. The difference is recorded and compared to the EPA limit to determine relative accuracy.

Solar Radiation

The field solar radiation sensor is audited by comparing the mean of hourly averages of solar radiation values of the field sensors (Kipp and Zonen and Licor) to the mean of the hourly average radiation values of the audit sensor for a full diurnal cycle, if possible. The audit sensor is connected to an independent DAS where hourly solar radiation averages are recorded. The time on the audit DAS is synchronized with the station DAS to ensure that the same time periods are compared. The difference between the means of the two hourly averages is compared to the established ADEC limit in order to determine accuracy.

ADEC has determined that overall acceptance for observed audit solar mean values less than or equal to 200 W/m^2 shall be ±10 W/m^2. For observed mean audit values over 200 W/m^2 the error shall be ±5% of the observed audit mean value. In addition, the station solar sensor hourly mean must go to zero during periods of total darkness.

Precipitation

The NovaLynx tipping precipitation gauge is audited by slowly adding precisely measured volumes of water to the gauge using a dripping Nova Lynx Model 260-2595 Rain Gauge Calibrator. The predicted millimeters of precipitation corresponding to the measured volume added are calculated using the diameter of the gauge opening. The tare reading from the DAS is initially recorded and subsequent DAS readings are recorded after each test run.

4.0 PERFORMANCE AUDIT RESULTS AND RECOMMENDATIONS

Performance Audit Results

Each sensor in the Pogo Mine Meteorological Monitoring Project was challenged with certified audit equipment. The stations were found to be in good working order and all tested parameters passed their respective audits. Summaries of the performance audit results are provided in Tables 1-1 and 1-2.

Recommendations and Conclusions

The individual measurement systems at this station were determined to be in full EPA and ADEC compliance for PSD quality meteorological monitoring. It was recommended while on site that the Ridge precipitation sensor be recalibrated and this was done by the station operator.

5.0 AUDIT EQUIPMENT

All audit equipment and reference standards were in current calibration and traceable to NIST or other authoritative standards. Copies of certification records of audit equipment are included in Appendix B. A summary of the audit equipment used during the audit is provided in Table 5-1.

Table 5-1. Audit Equipment

References	Manufacturer	Model No.	Serial No.	Calibration Due Date
Temperature Digital Module	VWR	61220-601	51091749	8/1/2012
Temperature Probe	VWR	61220-604	101796372	8/1/2012
Horizontal Wind Speed	RM Young	18802	CA01647	11/1/2012
Horizontal Wind Speed Torque	RM Young	Torque Disk	N/A	No calibration necessary
Horizontal Wind Direction Torque	RM Young	Vane torque disk	N/A	No calibration necessary
Wind Direction Linearity	RM Young	Linearity Test Stand	N/A	No calibration necessary
Horizontal Wind Direction Alignment	Brunton	Pocket Transit	5080799319	3/12/2013
Solar Sensor	Eppley	PSP	36068F3	8/25/2012
Precipitation Gauge	NovaLynx	260-2595	N/A	No calibration necessary

6.0 REFERENCES

United States Environmental Protection Agency. *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD).* EPA-450/4-87-007. Research Triangle Park, NC: OAQPS, 1987.

United States Environmental Protection Agency. *Guideline on Air Quality Models.* 40 CFR Part 51, Appendix W. Washington: GPO, 1996.

United States Environmental Protection Agency. *Meteorological Monitoring Guidance for Regulatory Modeling Applications.* EPA-454/R-99-005. Research Triangle Park, NC: OAQPS, 2000.

United States Environmental Protection Agency. Quality Assurance Handbook for Air Pollution Measurement Systems: Vol. IV -- Meteorological Measurements. Version 2.0 (Final). EPA-454/B-08-002. Research Triangle Park, NC: ORD, March 2008.

United States Environmental Protection Agency. *Quality Assurance Requirements for Prevention of Significant Deterioration (PSD) Air Monitoring.* 40 CFR Part 58, Appendix A. Washington: GPO, October 2006.

Yamartino, R.J. A Comparison of Several "Single-Pass" Estimators of the Standard Deviation of Wind Direction. Journal of Climate Applied Meteorology 23 (1984): 1362-66.

APPENDIX A

Performance Audit Data Sheets

Time, Barometric Pressure and Relative Humidty Audit Report

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

DAS TIME AUDIT

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	4/30/2012	4/30/2012	00:00	**PASS**
Time	13:18:00	13:18:23	00:23	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments: **No BP or RH at this station.**

Temperature Sensors and ΔT Audit Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2623C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2624C
Audit Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 51091749
Audit Probe	Make: VWR	Model: 61220-604	S.N.#: 101796372

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-45.63	-45.73	-0.10	PASS	-45.76	-0.13	PASS	-0.03	PASS
Cold	-15 to 0	-19.00	-19.07	-0.07	PASS	-19.07	-0.07	PASS	0.00	PASS
Ice Bath	0	0.51	0.41	-0.10	PASS	0.41	-0.10	PASS	0.00	PASS
Warm	15 to 25	20.60	20.57	-0.03	PASS	20.57	-0.03	PASS	0.00	PASS
Hot	25 to 35	40.46	40.67	0.21	PASS	40.69	0.23	PASS	0.02	PASS
		Max Abs. Error		0.21	PASS		0.23	PASS		

Time Begin: 14:20
Time End: 15:18

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Temperature Sensors and ΔT Audit Set "B"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

2M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2712C
10M Thermistor	Make:	Climatronics	Model:	100093-2	S.N.#: K2582C
Audit Digital Thermometer	Make:	VWR	Model:	61220-601	S.N.#: 51091749
Audit Probe	Make:	VWR	Model:	61220-604	S.N.#: 101796372

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-45.63	-45.66	-0.03	PASS	-45.67	-0.04	PASS	-0.01	PASS
Cold	-15 to 0	-19.00	-19.03	-0.03	PASS	-19.08	-0.08	PASS	-0.05	PASS
Ice Bath	0	0.51	0.47	-0.04	PASS	0.44	-0.07	PASS	-0.03	PASS
Warm	15 to 25	20.60	20.63	0.03	PASS	20.66	0.06	PASS	0.03	PASS
Hot	25 to 35	40.46	40.69	0.23	PASS	40.69	0.23	PASS	0.00	PASS
		Max Abs. Error		0.23	PASS		0.23	PASS		

Time Begin: 14:20
Time End: 15:18

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

Wind Sensor	Make:	RM Young	Model:	05305-5	S.N.#:	112379
Propeller	Make:	RM Young	Model:	05305-5	Prop #:	71158
Low Speed Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Motor	Make:	RM Young	Model:	18820	S.N.#:	CA01674
Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 14:20

Time End: 15:00

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.200	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Speed Set "B"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

Wind Sensor	Make:	RM Young	Model:	05305-5	S.N.#:	112382
Propeller	Make:	RM Young	Model:	05305-5	Prop #:	71129
Low Speed Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Motor	Make:	RM Young	Model:	18820	S.N.#:	CA01674
Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 14:20

Time End: 15:00

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.300	PASS
As-left	1.0	0.014		

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Audit	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080799319	Magnetic Declination: 20 56' E of N
Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	Audit	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST				
Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	176	175.4	-0.6	PASS
compass (airport peak) from	356	354	-2	PASS
compass (small peak) to	271	273.4	2.4	PASS
compass (small peak) from	91	91.9	0.9	PASS
	Max Abs. Error		2.4	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST			
Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	32.4	2.4	PASS
60.0	61.5	1.5	PASS
90.0	90.7	0.7	PASS
120.0	119.5	-0.5	PASS
150.0	149.6	-0.4	PASS
180.0	180.2	0.2	PASS
210.0	209.9	-0.1	PASS
240.0	239.8	-0.2	PASS
270.0	269.5	-0.5	PASS
300.0	299.4	-0.6	PASS
330.0	329.2	-0.8	PASS
355.0	353.9	-1.1	PASS
	Max Abs Error	2.4	PASS
	Mean Abs. Error	0.750	PASS

WIND DIRECTION TORQUE TEST				
	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	4.000	PASS
As-left	11.0	0.153	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST				
Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	176	176.4	0.4	PASS
compass (airport peak) from	356	354.5	-1.5	PASS
compass (small peak) to	271	273.4	2.4	PASS
compass (small peak) from	91	91.3	0.3	PASS
	Max Abs. Error		2.4	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Horizontal Wind Direction Set "B"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PAR
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	4/30/2012

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	Audit	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080799319	Magnetic Declination: 20 56' E of N
Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	Audit	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	176	176.7	0.7	PASS
compass (airport peak) from	356	354.5	-1.5	PASS
compass (small peak) to	271	273.4	2.4	PASS
compass (small peak) from	91	91.3	0.3	PASS
	Max Abs. Error		2.4	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	32.9	2.9	PASS
60.0	62.2	2.2	PASS
90.0	92.5	2.5	PASS
120.0	121.8	1.8	PASS
150.0	152.2	2.2	PASS
180.0	182.8	2.8	PASS
210.0	212.4	2.4	PASS
240.0	241.9	1.9	PASS
270.0	271.9	1.9	PASS
300.0	301.8	1.8	PASS
330.0	331.8	1.8	PASS
355.0	354.6	-0.4	PASS
	Max Abs Error	2.9	PASS
	Mean Abs. Error	2.050	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	4.000	PASS
As-left	11.0	0.153	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	176	175.5	-0.5	PASS
compass (airport peak) from	356	354.5	-1.5	PASS
compass (small peak) to	271	271.9	0.9	PASS
compass (small peak) from	91	91.7	0.7	PASS
	Max Abs. Error		1.5	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation

Owner: SMM Pogo
Technician: R. Kangas
Operator: D. Shallies
Witness(s): D. Shallies
Station Site: PAR
Cal. Date: 4/30/2012

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1024 Range: 6 Inches per Hour

Audit Equipment Make: Drip Gauge Model: 260-2595 S.N.#: N/A Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
13:45	N/A	650	20.0	0	21.33	21.33	6.4%	PASS	
14:12	N/A	650	20.0	0	21.8	21.8	8.8%	PASS	
15:13	N/A	650	20.0	0	21.59	21.59	7.7%	PASS	
16:10	N/A	400	12.3	13.71	26.92	13.21	7.1%	PASS	
16:50	N/A	400	12.3	0	13.2	13.2	7.0%	PASS	
					Max Abs. Error		8.8%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation

Owner: SMM Pogo
Technician: R. Kangas

Operator: D. Shallies
Witness: D. Shallies

Station Site: PAR
Cal Date: 4/30/2012

Station Sensor A	Make:	LiCor	Model:	LI200	S.N.#:	py74187
Station Sensor B	Make:	Kipp&Zonen	Model:	CMP11	S.N.#:	114209
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#:	36068F3

Sensor A Audit		
Data Hr AST	CAL W/m^2	DAS W/m^2
4/30/2012 14:00	323.8	298.1
4/30/2012 15:00	278.2	259.3
4/30/2012 16:00	248.5	228.6
4/30/2012 17:00	139.7	130.2
4/30/2012 18:00	175.2	172.9
4/30/2012 19:00	179.5	189.9
4/30/2012 20:00	48.3	50.9
4/30/2012 21:00	10.9	15.3
4/30/2012 22:00	0.0	1.2
4/30/2012 23:00	0.0	0.0
5/1/2012 00:00	0.0	0.0
5/1/2012 01:00	0.0	0.0
5/1/2012 02:00	0.0	0.0
5/1/2012 03:00	0.0	0.0
5/1/2012 04:00	0.0	0.0
5/1/2012 05:00	5.4	6.5
5/1/2012 06:00	38.1	38.2
5/1/2012 07:00	80.8	76.7
5/1/2012 08:00	156.1	150.8
5/1/2012 09:00	248.9	239.1
5/1/2012 10:00	290.9	274.3
Average	105.9	101.5
Avg % Error	N/A	N/A
Avg Abs Error	4.4	PASS

Sensor B Audit		
Data Hr AST	CAL W/m^2	DAS W/m^2
4/30/2012 14:00	323.8	316.7
4/30/2012 15:00	278.2	272.7
4/30/2012 16:00	248.5	245.3
4/30/2012 17:00	139.7	137.5
4/30/2012 18:00	175.2	176.2
4/30/2012 19:00	179.5	189.7
4/30/2012 20:00	48.3	52.4
4/30/2012 21:00	10.9	13.5
4/30/2012 22:00	0.0	0.2
4/30/2012 23:00	0.0	0.0
5/1/2012 00:00	0.0	0.0
5/1/2012 01:00	0.0	0.0
5/1/2012 02:00	0.0	0.0
5/1/2012 03:00	0.0	0.0
5/1/2012 04:00	0.0	0.0
5/1/2012 05:00	5.4	4.6
5/1/2012 06:00	38.1	37.2
5/1/2012 07:00	80.8	79.6
5/1/2012 08:00	156.1	152.9
5/1/2012 09:00	248.9	244.6
5/1/2012 10:00	290.9	285.6
Average	105.9	105.2
Avg % Error	N/A	N/A
Avg Abs Error	0.7	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

Main Info Page-Enter info here and it will be copied to the individual pages.

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012
Latitude:	64.4529 N	Longitude:	144.9157 W	Declination	20 56' E of N

Audit Equipment

Temperature							
Digital Thermometer	Make:	VWR	Model:	61220-601	S.N.#:	51091749	Cal Due 8/1/2012
Probe	Make:	VWR	Model:	61220-604	S.N.#:	101796372	
Wind Speed							
Low Speed Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A	Cal Due N/A
High Speed Motor	Make:	RM Young	Model:	18820	S.N.#:	CA01674	Cal Due 11/1/2012
WS Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A	Cal Due N/A
Wind Direction							
Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	N/A	
WD Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	N/A	Cal Due N/A
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080799319	Cal Due 3/12/2013
Solar Radiation							
Solar Sensor	Make:	Eppley	Model:	PSP	S.N.#:	36068F3	Cal Due 8/25/2012
Precipitation							
Audit Equipment	Make:	Drip Gauge	Model:	260-2595	S.N.#:	N/A	Cal Due N/A

Comments:

Time, Barometric Pressure and Relative Humidty Audit Report

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

DAS TIME AUDIT

	DAS TIME vs. NOAA CLOCK			
	AST Time	DAS Time	Error Min:Sec	PASS/ FAIL?
Date	5/1/2012	5/1/2012	00:00	**PASS**
Time	7:03:00	7:02:35	-00:25	**PASS**

PSD Limits: DAS time = Alaska Standard Time (AST) ± 5 minutes
Conversions: Winter; (AST) = (DST), Summer; (AST) = (DST) - 1 hr.
Comments: **No BP or RH at this station.**

Temperature Sensors and ΔT Audit Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2215C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2211C
Audit Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 51091749
Audit Probe	Make: VWR	Model: 61220-604	S.N.#: 101796372

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-48.50	-48.72	-0.22	PASS	-48.75	-0.25	PASS	-0.03	PASS
Cold	-15 to 0	-21.87	-21.82	0.05	PASS	-21.81	0.06	PASS	0.01	PASS
Ice Bath	0	0.04	0.40	0.36	PASS	0.36	0.32	PASS	-0.04	PASS
Warm	15 to 25	20.92	20.89	-0.03	PASS	20.83	-0.09	PASS	-0.06	PASS
Hot	25 to 35	39.85	40.21	0.36	PASS	40.21	0.36	PASS	0.00	PASS
		Max Abs. Error		0.36	PASS		0.36	PASS		

Time Begin:	7:55
Time End:	8:50

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Temperature Sensors and ΔT Audit Set "B"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

2M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2700C
10M Thermistor	Make: Climatronics	Model: 100093-2	S.N.#: K2223C
Audit Digital Thermometer	Make: VWR	Model: 61220-601	S.N.#: 51091749
Audit Probe	Make: VWR	Model: 61220-604	S.N.#: 101796372

COLLOCATED THERMISTOR TEST										
Thermal Input			Station Response (2m)			Station Response (10m)			Station (Delta T)	
Temp Range	Target °C	Input °C	DAS °C	Error °C	PASS/ FAIL?	DAS °C	Error °C	PASS/ FAIL?	ΔT °C	PASS/ FAIL?
Very Cold	-25 to -15	-48.50	-48.70	-0.20	PASS	-48.74	-0.24	PASS	-0.04	PASS
Cold	-15 to 0	-21.87	-21.92	-0.05	PASS	-21.89	-0.02	PASS	0.03	PASS
Ice Bath	0	0.04	0.36	0.32	PASS	0.40	0.36	PASS	0.04	PASS
Warm	15 to 25	20.92	20.83	-0.09	PASS	20.89	-0.03	PASS	0.06	PASS
Hot	25 to 35	39.85	40.20	0.35	PASS	40.22	0.37	PASS	0.02	PASS
		Max Abs. Error		0.35	PASS		0.37	PASS		

Time Begin: 7:55
Time End: 8:50

PSD Limits: Max Absolute Error > 0.5 °C (Sensor Accuracy);
Max absolute Error > 0.1 °C (Delta Temperature)

☑ Verify 2m Aspirator is running

☑ Verify 10m Aspirator is running

Comments:

Horizontal Wind Speed Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

Wind Sensor	Make:	RM Young	Model:	05305-5	S.N.#:	112380
Propeller	Make:	RM Young	Model:	05305-5	Prop #:	71191
Low Speed Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Motor	Make:	RM Young	Model:	18820	S.N.#:	CA01674
Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 7:55

Time End: 8:50

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.200	PASS
As-left	1.0	0.014	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Speed Set "B"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

Wind Sensor	Make:	RM Young	Model:	05305-5	S.N.#:	112381
Propeller	Make:	RM Young	Model:	05305-5	Prop #:	71164
Low Speed Motor	Make:	N/A	Model:	N/A	S.N.#:	N/A
High Speed Motor	Make:	RM Young	Model:	18820	S.N.#:	CA01674
Torque	Make:	RM Young	Model:	Torque Disk	S.N.#:	N/A

*For Wind Sensor Make, spell out "RM Young", or "Climatronics" exactly as written to progagate the proper Input RPM's and conversion factors. If a different wind sensor is used the spreadsheet will have to be revised.

WIND SPEED SYNCHRONOUS MOTOR TEST

Input RPM	Input m/s	DAS m/s	Absolute Error	Allowable Error	PASS/ FAIL
0	0.00	0.00	0.00	0.20	PASS
400	2.05	2.05	0.00	0.30	PASS
1000	5.12	5.12	0.00	0.46	PASS
2000	10.24	10.24	0.00	0.71	PASS
5000	25.60	25.60	0.00	1.48	PASS
10000	51.20	51.20	0.00	2.76	PASS

Conversions:

RM Young: m/s = 0.00512*RPM

Climatronics: m/s = RPM/42.55+0.22

Time Begin: 7:55

Time End: 8:50

m/s = 0.00512 *RPM + 0.00

WIND SPEED TORQUE TEST

	Limit		Torque	PASS/
	g-cm	oz-in	g-cm	FAIL
As-found	1.0	0.014	0.300	PASS
As-left	1.0	0.014	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell N31, As-left only necessary if bearings replaced.

PSD Limits: Threshold Torque >1.0g-cm (0.014oz-in) @ 0.50m/s.
Max Abs Error > 0.20m/s @ WS<=5m/s or > 5% of input @ WS>5m/s.

Comments:

☑ Check bearings

☐ Bearings replaced

Horizontal Wind Direction Set "A"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	N/A	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080799319	Magnetic Declination: 20 56' E of N
Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	N/A	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	199	197.3	-1.7	PASS
compass (airport peak) from	19	19.8	0.8	PASS
compass (small peak) to	290	291.2	1.2	PASS
compass (small peak) from	110	111	1	PASS
	Max Abs. Error		1.2	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	32.1	2.1	PASS
60.0	62.1	2.1	PASS
90.0	91.6	1.6	PASS
120.0	120.8	0.8	PASS
150.0	151.1	1.1	PASS
180.0	180.4	0.4	PASS
210.0	210.1	0.1	PASS
240.0	239.6	-0.4	PASS
270.0	270.1	0.1	PASS
300.0	299.7	-0.3	PASS
330.0	329.7	-0.3	PASS
355.0	354.5	-0.5	PASS
	Max Abs Error	2.1	PASS
	Mean Abs. Error	0.817	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	5.000	PASS
As-left	11.0	0.153	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	199	197.2	-1.8	PASS
compass (airport peak) from	19	19.8	0.8	PASS
compass (small peak) to	290	292.3	2.3	PASS
compass (small peak) from	110	111.6	1.6	PASS
	Max Abs. Error		2.3	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Horizontal Wind Direction Set "B"

Owner:	SMM Pogo	Operator:	D. Shallies	Station Site:	PRG
Technician:	R. Kangas	Witness(s):	D. Shallies	Cal. Date:	5/1/2012

Linearity Stand	Make:	RM Young	Model:	Linearity Stand	Type:	N/A	
Compass	Make:	Brunton	Model:	Pocket Transit	S.N.#:	5080799319	Magnetic Declination: 20 56' E of N
Torque	Make:	RM Young	Model:	Spring Gauge	S.N.#:	N/A	

AS-FOUND WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	199	197.5	-1.5	PASS
compass (airport peak) from	19	20.1	1.1	PASS
compass (small peak) to	290	288.3	-1.7	PASS
compass (small peak) from	110	108.1	-1.9	PASS
	Max Abs. Error		1.1	PASS

WIND DIRECTION BENCH STAND ACCURACY & LINEARITY TEST

Input Deg	DAS Deg	Error Deg	PASS? FAIL?
30.0	32.4	2.4	PASS
60.0	61.1	1.1	PASS
90.0	91.6	1.6	PASS
120.0	121.0	1	PASS
150.0	150.4	0.4	PASS
180.0	180.4	0.4	PASS
210.0	209.7	-0.3	PASS
240.0	240.1	0.1	PASS
270.0	269.3	-0.7	PASS
300.0	299.6	-0.4	PASS
330.0	329.1	-0.9	PASS
355.0	354.5	-0.5	PASS
	Max Abs Error	2.4	PASS
	Mean Abs. Error	0.817	PASS

WIND DIRECTION TORQUE TEST

	Limit		Torque	PASS/ FAIL
	g-cm	oz-in	g-cm	
As-found	11.0	0.153	5.000	PASS
As-left	11.0	0.153	N/A	N/A

* make sure to enter proper units (g-cm, or oz-in) into cell (N23), As-left only necessary if bearings replaced

☑ Bearings Checked

☐ Bearings Replaced

AS-LEFT WIND DIRECTION AZIMUTH ALIGNMENT TEST

Input Description	Input Deg	DAS Deg	Error Deg	PASS/ FAIL
compass (airport peak) to	199	197.2	-1.8	PASS
compass (airport peak) from	19	18.4	-0.6	PASS
compass (small peak) to	290	288.4	-1.6	PASS
compass (small peak) from	110	108.7	-1.3	PASS
	Max Abs. Error		1.8	PASS

Comments:

Dir PSD Limits: Threshold Torque >11.0 g-cm (0.153 oz-in) @ 0.5 m/s. Max Abs Error >5° from True Azimuth (alignment). Max Abs Error >5° (accuracy). Mean Abs Error >3° (linearity). Azimuth Mean Abs Error calculated for information only.

Precipitation

Owner: SMM Pogo
Technician: R. Kangas
Operator: D. Shallies
Witness(s): D. Shallies
Station Site: PRG
Cal. Date: 5/1/2012

Precipitation Gauge Make: NovaLynx Model: 260-2500E S.N.#: 1023 Range: 6 Inches per Hour

Audit Equipment Make: Drip Gauge Model: 260-2595 S.N.#: N/A Range: N/A Inches per Hour

Diameter: 8 Inches Volume Rate: 32.43

Start Time	Approx. Ht. inches	Input Vol ml	Input mm	Start mm	End mm	Delta mm	Error % Input	PASS/ FAIL	Notes
10:00	N/A	650	20.0	0	20.828	20.828	3.9%	PASS	
11:00	N/A	650	20.0	0	21.844	21.844	9.0%	PASS	
12:00	N/A	400	12.3	9.906	23.114	13.208	7.1%	PASS	
12:40	N/A	400	12.3	12.7	24.13	11.43	-7.3%	PASS	
14:00	N/A	400	12.3	2.032	14.48	12.448	0.9%	PASS	
14:40	N/A	400	12.3	14.48	27.18	12.7	0.03	PASS	
					Max Abs. Error		9.0%	PASS	

PSD Limits: Max Absolute Error > 10% of Input

Comments:

Incident Solar Radiation

Owner: SMM Pogo
Technician: R. Kangas

Operator: D. Shallies
Witness: D. Shallies

Station Site: PRG
Cal Date: 5/1/2012

Station Sensor A	Make:	LiCor	Model:	LI-200	S.N.#: PY74189
Station Sensor B	Make:	Kipp&Zonen	Model:	CMP11	S.N.#: 114210
Cal Sensor	Make:	Eppley	Model:	PSP	S.N.#: 36068F3

Sensor A Audit		
Data Hr AST	CAL W/m^2	DAS W/m^2
12:00	369.6	357.0
13:00	319.5	305.3
14:00	355.6	337.3
15:00	314.1	331.2
16:00	265.0	277.2
17:00	174.7	198.2
18:00	111.2	135.6
19:00	110.0	117.4
20:00	35.5	39.9
21:00	8.0	10.4
22:00	0.0	0.6
23:00	0.0	0.0
0:00	0.0	0.0
1:00	0.0	0.0
2:00	0.0	0.0
3:00	0.0	0.0
4:00	0.0	0.4
5:00	8.5	9.7
6:00	52.2	50.9
7:00	103.5	90.7
8:00	187.7	173.5
9:00	294.6	282.5
10:00	451.5	403.1
11:00	637.1	572.1
Average	158.3	153.9
Avg % Error	N/A	N/A
Avg Abs Error	4.4	PASS

Sensor B Audit		
Data Hr AST	CAL W/m^2	DAS W/m^2
12:00	369.6	369.3
13:00	319.5	311.6
14:00	355.6	343.3
15:00	314.1	336.2
16:00	265.0	279.4
17:00	174.7	200.3
18:00	111.2	138.3
19:00	110.0	118.6
20:00	35.5	39.9
21:00	8.0	8.0
22:00	0.0	0.0
23:00	0.0	0.0
0:00	0.0	0.0
1:00	0.0	0.0
2:00	0.0	0.0
3:00	0.0	0.0
4:00	0.0	0.0
5:00	8.5	7.3
6:00	52.2	50.6
7:00	103.5	96.8
8:00	187.7	183.7
9:00	294.6	296.7
10:00	451.5	424.7
11:00	637.1	595.0
Average	158.3	158.3
Avg % Error	N/A	N/A
Avg Abs Error	0.1	PASS

Comments:

PSD Limits: ±5% of the audited value when incident radiation is greater than or equal to 200 W/m2.
± 10 W/m2 of the audited value when incident radiation is less than 200 W/m2.

APPENDIX B

Audit Sensor Certifications

CALIBRATION AND TESTING STATEMENT

Model 18112 Vane Angle Bench Stand
Model 18212 Vane Angle Fixture
Model 18310 Propeller Torque Disc
Model 18312 Cup Wheel Torque Disc
Model 18331 Vane Torque Gauge

R. M. Young Company certifies that the above calibration accessories are inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

Statement Date: 12 August 2010

R.M. Young Company

Ryan Phillips

R.M. YOUNG COMPANY 2801 Aero Park Drive, Traverse City Michigan 49686-9171 USA
TEL: (231) 946-3980 FAX: (231) 946-4772 Email: met.sales@youngusa.com
ISO9001:2008 Certified

CERTIFICATE OF CALIBRATION AND TESTING

MODEL: **18801** (Comprised of Models 18820 Control Unit & 18830 Motor Assembly)
SERIAL NUMBER: CA01674

R. M. Young Company certifies that the above equipment was inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

Nominal Motor Rpm	Output Frequency Hz (1)	Calculated Rpm (2)	Indicated Rpm (3)
600	320	600	600
1200	640	1200	1200
2400	1280	2400	2400
4200	2240	4200	4200
6,000	3200	6000	6000
8,100	4320	8100	8100
9,900	5280	9900	9900
☒ Clockwise and Counterclockwise rotation verified			

(1) Measured at the optical encoder output.
(2) Frequency output produces 32 pulses per revolution of motor shaft.
(3) Indicated on the Control Unit LCD display.

* Indicates out of tolerance

☒ No Calibration Adjustments Required ☐ As Found ☐ As Left

Traceable frequency meter used in calibration Model: DP5740 SN: 4863

Date of inspection 2 Nov 2011
Inspection Interval One Year

Tested By EC

EPLAB

THE EPPLEY LABORATORY, INC.

12 Sheffield Avenue, PO Box 419, Newport, Rhode Island USA 02840
Phone: 401.847.1020 Fax: 401.847.1031 Email: info@eppleylab.com

STANDARDIZATION OF EPPLEY PRECISION SPECTRAL PYRANOMETER Model PSP

Serial Number: 36068F3

Resistance: 676 Ω at 23°C
Temperature Compensation Range: -20° to +40°C

This radiometer has been compared with Standard Precision Spectral Pyranometer, Serial Number 21231F3 in Eppley's Integrating Hemisphere under radiation intensities of approximately 700 watts meter^{-2} (roughly one half a solar constant).

As a result of a series of comparisons, it has been found to have a sensitivity of:

$$7.90 \times 10^{-6} \text{ volts/watts meter}^{-2}$$

The calculation of this constant is based on the fact that the relationship between radiation intensity and emf is rectilinear to intensities of 1400 watts meter^{-2}. This radiometer is linear to within ± 0.5% up to this intensity.

The calibration of this instrument is traceable to standard self-calibrating cavity pyrheliometers in terms of the Systems Internationale des Unites (SI units), which participated in the Tenth International Pyrheliometric Comparisons (IPC X) at Davos, Switzerland in September-October 2005.

Eppley recommends a minimum calibration cycle of five (5) years but encourages annual calibrations for highest measurement accuracy. Unless otherwise stated in the remarks section below or on the Sales Order, the results are "AS FOUND / AS LEFT".

Useful conversion facts: 1 cal cm^{-2} min^{-1} = 697.3 watts meter^{-2}
1 BTU/ft^2-hr^{-1} = 3.153 watts meter^{-2}

Shipped to: SLR International Corp.
Anchorage, AK

S.O. Number: 63127
Date: August 30, 2011

Date of Test: August 25, 2011

In Charge of Test: Debra L. Beatty

Reviewed by: Thomas D. Kuch

Remarks:

THE BRUNTON COMPANY

CERTIFICATE OF CALIBRATION

Equipment Owner

Name SLR International

Address 3401 Minnesota Dr, Suite 300, Anchorage AK 99503

Calibration traceable to the National Institute of Standards and Technology in accordance with MIL-STD-45662A has been accomplish on the instrument listed below by comparison with standards maintained by The Brunton Co. The accuracy and stability of all standards maintained by The Brunton Co. are traceable to national standards maintained by the National Institute of Standards and Technology in Washington,D.C. and Boulder, CO. Complete record of all work performed is maintained by The Brunton Co. and is available for inspection upon request.

This unit has been calibrated to Lietz TM10E serial number 30937 traceable to N.B.S. NO. 738227675 this 13 Day of March 20 12

Description Pocket Transit

Purchase Order RA 2564370

Order Number SO-024996

Model Number F-5008

Serial Number 5080799319

Calibration Date March 13 2012

Recalibration Due Date March 13, 2013

Signed [illegible] 3/13/12

Quality Control Manager

Alaska Calibration, Inc.

Troubleshooting, Repair and Calibration of
Test & Measurement Equipment

Certificate of Calibration

WORK ORDER NO. 11703 TRACEABILITY CERTIFICATE NO. 11080201

ISSUED TO: SLR CONSULTING

INSTRUMENT: 61220-601 Digital Thermometer, VWR, S/N 51091749; calibrated with a standard stainless steel triple purpose 61220-604 Probe, VWR, S/N 101796372.

DATE DONE: August 2, 2011 DATE DUE: August 1, 2012

CERTIFIED BY METROLOGIST: A. T. Grabowski TEMPERATURE: 73°F HUMIDITY: 44% RH

INCOMING STATUS: This instrument was in (XX) was out of ( ) tolerance when received.

CALIBRATION APPARATUS USED

MODEL	NOMENCLATURE	MFR	SERIAL NO.	DUE DATE
MK3900	Temperature Chamber	Delta Design	89308	NCR
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Made as Needed	Natural Phys. Const.
RFJA0T150CA060	Temperature Probe	Watlow/Gordon	A135	10/15/11
DP41-RTD	Digital Thermometer	Omega Engineering	4381337	10/30/11

CHARTED TEMPERATURE READINGS

Nominal Applied	Test Instrument Reading	Error from Nominal	Uncertainty of Measurement
-40.000°C	-40.006°C	+0.006°C	+/-0.009°C
-30.000°C	-30.003°C	+0.003°C	+/-0.009°C
-20.000°C	-20.001°C	+0.001°C	+/-0.009°C
-10.000°C	-10.000°C	+0.000°C	+/-0.009°C
+0.000°C	+0.000°C	+0.000°C	+/-0.009°C
+10.000°C	+10.000°C	+0.000°C	+/-0.009°C
+20.000°C	+20.002°C	+0.002°C	+/-0.009°C
+30.000°C	+30.004°C	+0.004°C	+/-0.009°C
+40.000°C	+40.006°C	+0.006°C	+/-0.009°C
NIST Traceable			

RANGE/LIMITATIONS: Calibrated Between -40°C & +40°C.

PROCEDURE & ACCURACY STATEMENT: T.O. 33K5-5-344-1. Accuracy: See Chart Above.

NIST TRACEABLE REPORT NUMBERS

MODEL	NOMENCLATURE	MFR	DUE DATE	REPORT
RFJA0TL150CA060	Temperature Probe	Watlow/Gordon	10/15/11	G10101509
32°F/0°C	Ice Bath	Alaska Calibration, Inc.	Natural Phys. Const.	Made as Needed

COMPLIANCE

Alaska Calibration, Inc.'s calibration practices and procedures comply with the requirements of ANSI/ ISO/IEC17025: 2005 and ANSI/NCSL/Z540-2: 1997 and ANSI/NCSL/Z540-3: 2006 and the relevant requirements of ISO 10012: 2003. The standards used are certified as being traceable to the National Institute of Standards and Technology (NIST), by comparison to SI units with laboratory standards in an unbroken chain of calibrations through appropriate primary and national measurement standards, derived from an acceptable value of a natural physical constant, or derived by the ratio type of self calibration techniques. This Certificate shall not be reproduced, except in full, without the written approval of Alaska Calibration, Inc.

1801 W. 48th Ave., Suite 9, Anchorage, Alaska 99517-3194 (907) 677-1993

APPENDIX C

CONTINOUS DATA SUMMARIES

PAR Meteorological Data

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-0.8	-0.5	-1.2	-2.0	-2.7	-2.8	-2.6	-1.8	-0.7	0.2	1.5	2.9	5.7	7.0	7.9	7.1	6.3	4.2	3.7	1.7	1.3	2.2	3.9	4.6	7.9	-2.8	1.9
2	5.5	4.3	4.3	6.8	6.9	6.4	5.2	5.9	6.1	6.7	7.5	8.7	9.6	10.2	10.3	9.7	9.5	8.8	4.6	2.0	1.7	0.6	0.1	3.6	10.3	0.1	6.0
3	5.2	2.0	-0.3	-1.2	-1.5	-1.5	-1.5	-1.2	-0.1	1.3	5.9	7.2	8.7	9.1	OutCal	OutCal	OutCal	OutCal	1.5	-0.6	-1.4	-2.5	-3.1	-2.8	9.1	-3.1	1.2
4	-2.6	-2.4	-1.9	-2.1	-1.9	-1.9	-1.9	-2.2	-1.5	-0.2	1.6	2.9	4.8	5.9	7.0	7.0	6.0	2.9	0.3	0.1	-0.9	-1.4	-1.3	-1.1	7.0	-2.6	0.6
5	-1.0	-0.9	-1.0	-1.4	-2.8	-3.3	-3.1	-3.3	-3.2	-2.6	-1.0	1.9	5.3	7.6	8.2	7.7	6.8	5.8	1.6	0.8	-0.4	-1.6	-2.4	-3.3	8.2	-3.3	0.6
6	-3.3	-3.6	-3.4	-3.1	-3.4	-3.5	-3.5	-3.2	-2.9	-1.9	0.6	4.0	7.3	8.9	6.8	6.1	4.1	2.9	2.4	1.5	-0.3	-1.5	-1.3	-2.0	8.9	-3.6	0.3
7	-2.5	-3.2	-3.7	-4.1	-4.9	-5.5	-6.0	-6.4	-5.9	-3.9	-2.3	0.1	2.4	3.5	3.6	4.8	3.9	2.3	0.1	-1.8	-2.6	-3.1	-3.2	-3.9	4.8	-6.4	-1.8
8	-3.7	-3.0	-2.6	-2.6	-2.9	-2.8	-2.4	-1.9	-1.1	0.6	2.1	3.0	4.4	5.1	5.8	6.1	5.6	3.1	1.3	0.6	0.6	2.0	1.7	0.2	6.1	-3.7	0.8
9	-0.1	-1.0	-1.4	-0.6	-1.0	-1.5	-2.1	-1.9	-1.6	-1.2	-1.0	0.7	3.2	5.2	5.7	5.9	5.7	3.3	0.4	-2.2	-2.7	-3.4	-4.7	-5.3	5.9	-5.3	-0.1
10	-5.3	-6.4	-7.1	-7.8	-7.9	-8.1	-7.4	-7.3	-6.4	-4.9	-3.7	-2.5	-1.2	-0.2	0.5	0.8	0.7	0.4	0.2	0.0	-0.3	-0.8	-1.0	-1.1	0.8	-8.1	-3.2
11	-0.9	-1.1	-1.1	-1.1	-1.6	-2.0	-2.2	-2.5	-2.4	-2.0	-0.9	0.2	1.3	1.5	1.9	1.9	1.5	0.7	-0.3	-0.7	-1.0	-2.0	-2.7	-3.4	1.9	-3.4	-0.8
12	-4.0	-4.5	-4.5	-4.6	-4.6	-4.6	-4.9	-5.0	-5.1	-5.6	-6.2	-4.7	-1.3	-0.3	-0.5	-0.3	-0.9	-2.1	-5.0	-6.4	-6.8	-6.9	-6.9	-8.2	-0.3	-8.2	-4.3
13	-9.7	-10.8	-11.8	-12.3	-11.6	-9.9	-9.1	-9.0	-8.7	-7.8	-6.6	-4.9	-3.6	-2.6	-1.8	-1.3	-1.4	-2.4	-2.9	-3.9	-4.8	-5.3	-6.1	-6.6	-1.3	-12.3	-6.5
14	-5.4	-5.0	-4.8	-4.9	-4.7	-4.6	-4.1	-2.7	-2.0	0.0	1.5	2.4	3.4	4.0	4.0	4.3	3.7	0.6	0.0	1.1	1.2	0.6	0.3	0.5	4.3	-5.4	-0.4
15	0.5	1.1	0.9	1.2	0.8	0.3	0.0	-0.9	-0.3	1.5	3.6	3.4	3.9	4.8	6.1	5.2	4.2	2.0	0.3	-1.5	-2.3	-2.8	-3.3	-3.9	6.1	-3.9	1.0
16	-4.3	-3.9	-3.3	-2.9	-4.0	-4.7	-5.6	-5.6	-5.4	-3.8	-2.7	-1.4	0.3	1.9	2.5	1.5	0.7	-0.9	-1.9	-2.6	-3.2	-3.3	-4.0	-3.9	2.5	-5.6	-2.5
17	-4.5	-5.1	-4.3	-3.9	-3.5	-3.3	-3.7	-3.4	-2.9	-2.1	-1.2	-0.3	0.5	1.0	1.4	1.7	1.3	0.4	-0.4	-1.4	-2.2	-2.3	-2.6	-2.8	1.7	-5.1	-1.8
18	-2.5	-2.9	-3.5	-3.9	-3.8	-3.9	-4.9	-5.8	-5.2	-4.4	-3.6	-2.3	-0.9	0.3	0.5	0.1	-0.3	-0.6	-0.9	-1.1	-1.4	-1.9	-2.1	-2.4	0.5	-5.8	-2.4
19	-2.7	-2.6	-2.8	-3.2	-4.1	-4.9	-5.0	-5.7	-5.8	-5.2	-4.7	-3.9	-3.2	-2.5	-2.0	-2.2	-2.9	-3.7	-4.8	-5.6	-6.3	-8.0	-9.1	-10.5	-2.0	-10.5	-4.6
20	-11.8	-12.6	-12.0	-10.2	-10.2	-9.1	-9.6	-9.5	-10.2	-9.7	-8.0	-6.3	-3.3	-1.8	-1.2	-1.3	-1.7	-2.3	-3.4	-4.9	-6.4	-7.3	-7.9	-8.6	-1.2	-12.6	-7.1
21	-8.9	-9.6	-9.7	-9.6	-10.1	-10.5	-10.6	-10.9	-10.9	-10.0	-8.2	-5.8	-3.7	-2.2	-0.7	0.1	-0.7	-1.5	-2.8	-4.1	-5.1	-5.8	-6.5	-7.1	0.1	-10.9	-6.5
22	-7.7	-8.0	-8.7	-9.2	-8.9	-9.3	-9.3	-10.0	-10.7	-10.5	-9.5	-8.0	-5.5	-3.9	-3.4	-3.7	-5.7	-7.8	-8.9	-10.7	-12.3	-13.1	-14.2	-14.4	-3.4	-14.4	-8.9
23	-14.5	-14.7	-13.8	-13.8	-13.7	-13.4	-12.3	-12.1	-11.2	-10.4	-9.1	-7.9	-6.6	-5.4	-4.4	-4.0	-3.9	-4.2	-4.7	-4.9	-5.3	-5.4	-6.0	-6.6	-3.9	-14.7	-8.7
24	-6.7	-7.5	-8.8	-8.8	-8.8	-7.3	-7.5	-7.8	-7.6	-7.1	-6.5	-5.6	-4.0	-2.8	-2.6	-2.4	-2.5	-2.4	-2.3	-2.2	-2.0	-1.8	-1.6	-2.6	-1.6	-8.8	-5.0
25	-3.4	-4.1	-4.4	-4.4	-4.6	-4.8	-5.1	-5.2	-4.9	-3.8	-1.4	3.7	5.4	6.1	5.8	4.9	3.7	3.2	2.9	3.0	2.9	2.6	1.3	0.1	6.1	-5.2	0.0
26	-1.2	-1.7	-1.6	-2.9	-4.0	-3.5	-0.2	-0.9	-0.6	-0.4	-0.4	-0.8	-0.8	-0.6	-0.8	-1.2	-2.3	-2.8	-3.8	-4.6	-5.9	-6.0	-6.1	-6.1	-0.2	-6.1	-2.5
27	-6.7	-6.6	-6.6	-7.4	-8.1	-10.1	-11.8	-11.1	-11.6	-11.0	-11.0	-9.8	-8.5	-8.0	-6.9	-6.8	-7.9	-9.2	-9.9	-9.4	-9.9	-10.3	-11.1	-11.3	-6.6	-11.8	-9.2
28	-11.6	-11.8	-12.3	-12.6	-13.0	-13.4	-12.2	-12.6	-13.3	-12.8	-11.6	-9.0	-6.4	-4.2	-3.0	-3.0	-4.0	-5.8	-6.4	-8.8	-8.7	-6.9	-6.3	-6.8	-3.0	-13.4	-9.0
29	-8.2	-8.9	-9.5	-10.2	-10.4	-11.5	-11.4	-11.4	-10.7	-9.6	-8.3	-6.3	-3.1	0.0	0.5	0.3	-0.8	-3.4	-6.1	-6.9	-8.6	-11.8	-13.3	-14.4	0.5	-14.4	-7.7
30	-14.3	-13.8	-12.5	-11.3	-10.6	-9.9	-9.0	-8.6	-8.7	-8.7	-8.7	-8.2	-7.8	-7.2	-7.4	-7.5	-7.9	-10.1	-10.9	-10.9	-11.9	-12.2	-12.7	-13.2	-7.2	-14.3	-10.2
31	-13.2	-12.1	-12.0	-11.8	-12.3	-14.1	-15.5	-16.9	-18.6	-18.9	-18.9	-17.6	-16.1	-14.5	-13.2	-13.9	-15.5	-16.9	-18.3	-20.0	-20.8	-21.3	-21.8	-22.0	-11.8	-22.0	-16.5
Max	5.5	4.3	4.3	6.8	6.9	6.4	5.2	5.9	6.1	6.7	7.5	8.7	9.6	10.2	10.3	9.7	9.5	8.8	4.6	3.0	2.9	2.6	3.9	4.6	10.3		
Min	-14.5	-14.7	-13.8	-13.8	-13.7	-14.1	-15.5	-16.9	-18.6	-18.9	-18.9	-17.6	-16.1	-14.5	-13.2	-13.9	-15.5	-16.9	-18.3	-20.0	-20.8	-21.3	-21.8	-22.0		-22.0	
Avg.	-4.8	-5.2	-5.3	-5.4	-5.6	-5.8	-5.8	-5.8	-5.6	-4.8	-3.6	-2.1	-0.3	0.8	1.0	0.9	0.2	-1.2	-2.4	-3.4	-4.1	-4.5	-5.0	-5.3			-3.5
																									Max Daily Mean		6.0
																									Min Daily Mean		-16.5

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-22.1	-22.8	-22.9	-23.5	-23.4	-22.4	-22.0	-21.4	-20.8	-19.5	-18.8	-17.9	-17.0	-16.2	-15.9	-16.9	-19.0	-20.6	-21.6	-22.3	-23.1	-23.9	-24.7	-25.5	-15.9	-25.5	-21.0
2	-26.1	-26.7	-27.1	-27.4	-27.3	-27.2	-26.9	-26.2	-26.1	-25.4	-25.0	-24.2	-23.1	-21.3	-20.2	-20.5	-22.1	-23.5	-24.3	-25.4	-25.5	-25.9	-25.5	-25.5	-20.2	-27.4	-24.9
3	-25.6	-24.0	-24.6	-23.5	-23.1	-23.5	-22.7	-23.5	-24.2	-22.5	-20.5	-15.1	-8.4	-7.0	-6.5	-6.5	-6.7	-6.4	-6.0	-5.9	-6.0	-5.9	-6.1	-5.9	-5.9	-25.6	-14.6
4	-5.8	-5.7	-5.8	-5.9	-5.7	-5.4	-5.4	-5.6	-5.5	-5.7	-5.8	-5.6	-5.4	-5.0	-4.9	-4.9	-5.0	-5.3	-6.1	-5.8	-5.5	-6.3	-7.0	-7.6	-4.9	-7.6	-5.7
5	-8.2	-8.9	-9.4	-9.7	-10.0	-10.6	-12.1	-13.5	-14.7	-16.1	-17.1	-17.5	-16.7	-15.7	-14.9	-15.2	-16.9	-18.5	-20.5	-19.4	-17.1	-17.2	-16.4	-14.6	-8.2	-20.5	-14.6
6	-12.8	-10.7	-8.4	-8.2	-7.8	-7.6	-7.5	-7.7	-8.1	-9.8	-9.4	-7.9	-6.4	-6.4	-6.2	-6.8	-7.2	-8.4	-9.6	-9.5	-9.4	-9.4	-10.2	-10.4	-6.2	-12.8	-8.6
7	-10.5	-12.3	-13.0	-13.8	-12.5	-10.1	-9.7	-10.3	-10.6	-10.7	-10.8	-10.9	-10.9	-10.9	-10.9	-11.0	-11.7	-12.3	-12.3	-12.0	-12.7	-14.3	-15.9	-15.2	-9.7	-15.9	-11.9
8	-14.4	-14.0	-14.1	-14.7	-14.9	-15.0	-15.3	-15.3	-17.3	-17.1	-16.5	-15.7	-14.8	-14.8	-14.7	-16.0	-17.9	-19.8	-21.8	-22.9	-24.3	-23.0	-23.0	-22.9	-14.0	-24.3	-17.5
9	-23.2	-23.5	-23.5	-23.3	-22.5	-21.4	-19.8	-18.9	-18.0	-18.3	-17.7	-17.0	-16.2	-14.4	-13.1	-12.8	-12.8	-13.0	-13.4	-13.3	-13.0	-12.6	-12.4	-12.3	-12.3	-23.5	-16.9
10	-12.4	-12.3	-12.1	-12.2	-12.2	-12.2	-12.9	-14.3	-15.1	-15.0	-13.7	-12.4	-11.6	-11.2	-10.7	-10.6	-10.6	-10.5	-10.6	-10.4	-10.4	-10.3	-10.5	-10.5	-10.3	-15.1	-11.9
11	-10.1	-10.6	-11.8	-11.4	-11.7	-11.9	-12.3	-11.5	-11.3	-11.9	-13.2	-12.8	-11.9	-12.0	-10.2	-7.1	-7.6	-7.9	-7.9	-8.2	-8.1	-8.0	-8.2	-8.1	-7.1	-13.2	-10.2
12	-7.9	-7.8	-8.0	-7.9	-9.4	-11.7	-12.0	-12.6	-13.6	-14.0	-13.1	-11.4	-10.5	-10.1	-10.2	-10.0	-10.4	-10.8	-10.9	-11.2	-11.3	-11.1	-11.3	-11.8	-7.8	-14.0	-10.8
13	-12.0	-12.0	-11.7	-12.0	-11.7	-11.5	-11.2	-11.1	-10.6	-9.3	-7.7	-7.5	-7.6	-7.8	-7.8	-8.1	-8.4	-8.6	-8.9	-9.0	-9.1	-10.0	-9.6	-9.7	-7.5	-12.0	-9.7
14	-9.9	-10.5	-11.6	-12.4	-13.2	-14.6	-18.0	-20.1	-21.4	-21.4	-20.5	-19.6	-19.3	-19.8	-20.8	-21.8	-23.6	-24.4	-24.9	-26.3	-25.3	-23.9	-22.7	-22.7	-9.9	-26.3	-19.5
15	-22.8	-23.4	-24.8	-26.3	-26.9	-28.0	-28.5	-28.4	-28.9	-28.7	-27.8	-27.3	-27.0	-26.9	-27.0	-28.6	-29.6	-31.0	-32.5	-33.7	-35.2	-36.0	-36.7	-37.3	-22.8	-37.3	-29.3
16	-37.6	-38.2	-38.6	-38.6	-39.1	-38.9	-37.6	-37.1	-35.8	-34.5	-33.7	-32.7	-31.6	-30.7	-29.9	-29.6	-30.0	-30.8	-31.6	-32.4	-33.4	-33.8	-33.5	-32.4	-29.6	-39.1	-34.3
17	-31.9	-31.6	-31.0	-30.8	-30.5	-30.1	-29.7	-30.2	-30.8	-31.5	-30.6	-29.8	-29.0	-28.3	-27.8	-27.8	-28.8	-29.9	-31.3	-32.0	-33.7	-34.0	-34.5	-34.8	-27.8	-34.8	-30.9
18	-34.9	-35.2	-35.2	-35.4	-35.3	-34.1	-33.9	-32.8	-32.2	-30.5	-31.0	-31.5	-31.1	-30.7	-29.9	-30.6	-32.1	-33.1	-33.8	-34.5	-35.3	-35.9	-36.6	-36.7	-29.9	-36.7	-33.4
19	-37.3	-37.4	-37.5	-37.0	-37.4	-37.4	-37.6	-36.7	-37.5	-37.5	-37.3	-36.3	-35.2	-34.3	-33.3	-32.9	-30.7	-31.1	-29.2	-27.0	-26.9	-26.5	-26.4	-25.7	-25.7	-37.6	-33.6
20	-26.1	-25.1	-25.2	-25.2	-25.4	-25.9	-26.5	-26.5	-27.0	-26.9	-27.2	-29.7	-31.0	-31.0	-31.8	-33.0	-34.4	-35.3	-36.1	-37.0	-37.7	-38.2	-38.6	-39.1	-25.1	-39.1	-30.8
21	-39.6	-40.0	-40.4	-40.7	-40.9	-41.2	-41.4	-41.5	-39.6	-36.6	-35.2	-34.4	-34.4	-35.2	-35.7	-36.8	-37.5	-38.1	-38.8	-39.3	-39.5	-39.2	-38.4	-38.6	-34.4	-41.5	-38.5
22	-38.0	-36.4	-35.2	-34.1	-33.3	-32.6	-32.2	-31.8	-31.3	-30.3	-29.8	-29.7	-28.4	-26.9	-26.0	-25.7	-25.1	-24.3	-23.8	-23.2	-22.5	-23.2	-23.2	-22.0	-22.0	-38.0	-28.7
23	-21.3	-20.8	-20.4	-19.9	-19.5	-19.2	-19.8	-21.3	-20.5	-19.9	-19.5	-19.0	-19.1	-21.1	-23.1	-25.1	-26.8	-28.2	-29.5	-30.1	-30.7	-30.9	-31.0	-29.5	-19.0	-31.0	-23.6
24	-28.4	-28.3	-30.1	-31.3	-32.3	-33.0	-33.3	-33.3	-32.9	-32.4	-31.8	-31.7	-30.8	-29.3	-28.6	-26.8	-25.6	-24.6	-24.4	-24.9	-24.9	-24.0	-23.7	-23.2	-23.2	-33.3	-28.7
25	-22.8	-22.6	-22.5	-22.3	-22.4	-22.8	-23.3	-24.7	-26.7	-28.6	-29.3	-29.9	-29.4	-28.8	-29.1	-29.2	-29.2	-27.8	-26.9	-25.9	-25.2	-25.5	-26.3	-27.5	-22.3	-29.9	-26.2
26	-28.8	-29.8	-31.1	-32.3	-33.3	-34.2	-34.7	-34.9	-35.5	-35.6	-35.7	-34.9	-34.5	-33.9	-33.9	-34.6	-35.1	-35.9	-35.8	-35.9	-36.2	-36.4	-36.3	-36.0	-28.8	-36.4	-34.4
27	-36.0	-35.6	-36.0	-35.7	-35.8	-35.3	-35.4	-34.0	-34.7	-34.3	-33.7	-31.8	-28.2	-25.9	-25.0	-23.6	-23.0	-22.8	-22.8	-22.3	-21.7	-21.3	-20.3	-18.7	-18.7	-36.0	-28.9
28	-17.8	-17.6	-18.2	-18.9	-18.7	-19.4	-19.7	-19.2	-19.1	-20.3	-25.0	-26.2	-26.3	-26.9	-27.1	-28.0	-29.1	-30.0	-30.2	-30.4	-30.5	-30.7	-30.7	-30.6	-17.6	-30.7	-24.6
29	-30.6	-30.2	-29.4	-28.2	-27.2	-25.7	-24.5	-23.5	-22.5	-21.7	-21.0	-20.4	-20.4	-21.6	-22.8	-23.4	-24.7	-23.3	-23.3	-21.7	-21.2	-19.2	-17.8	-16.5	-16.5	-30.6	-23.4
30	-14.9	-13.3	-11.5	-10.6	-10.8	-12.4	-12.2	-13.4	-15.3	-17.1	-17.8	-17.6	-12.5	-10.8	-11.1	-11.5	-10.6	-9.9	-9.7	-9.5	-9.2	-8.4	-7.3	-6.5	-6.5	-17.8	-11.8
Max	-5.8	-5.7	-5.8	-5.9	-5.7	-5.4	-5.4	-5.6	-5.5	-5.7	-5.8	-5.6	-5.4	-5.0	-4.9	-4.9	-5.0	-5.3	-6.0	-5.8	-5.5	-5.9	-6.1	-5.9	-4.9		
Min	-39.6	-40.0	-40.4	-40.7	-40.9	-41.2	-41.4	-41.5	-39.6	-37.5	-37.3	-36.3	-35.2	-35.2	-35.7	-36.8	-37.5	-38.1	-38.8	-39.3	-39.5	-39.2	-38.6	-39.1		-41.5	
Avg.	-22.3	-22.2	-22.4	-22.4	-22.5	-22.5	-22.6	-22.7	-22.9	-22.8	-22.5	-21.9	-21.0	-20.5	-20.3	-20.5	-21.1	-21.5	-22.0	-22.0	-22.2	-22.2	-22.2	-21.9			-22.0
																									Max Daily Mean		-5.7
																									Min Daily Mean		-38.5

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-5.9	-5.4	-5.5	-5.5	-5.8	-7.0	-8.7	-8.5	-8.0	-8.7	-9.7	-9.9	-8.6	-8.0	-8.0	-8.1	-8.4	-9.0	-9.7	-10.0	-10.7	-11.7	-12.6	-12.4	-5.4	-12.6	-8.6
2	-11.3	-10.6	-11.4	-11.1	-9.7	-9.0	-8.2	-8.1	-7.9	-7.7	-7.7	-8.1	-8.4	-8.3	-10.3	-8.0	-3.3	-3.4	-3.9	-4.3	-5.2	-7.1	-8.7	-7.7	-3.3	-11.4	-7.9
3	-6.8	-7.1	-7.8	-9.5	-10.0	-12.9	-11.1	-10.5	-10.8	-11.1	-10.5	-10.3	-8.8	-7.1	-6.0	-4.9	-3.7	-3.4	-3.1	-2.7	-2.7	-2.7	-3.2	-3.5	-2.7	-12.9	-7.1
4	-3.2	-3.2	-3.4	-3.4	-2.9	-0.7	1.7	1.9	0.6	1.0	5.0	3.8	7.8	7.6	6.6	3.5	0.1	-1.6	-1.9	-2.2	-2.3	-2.2	-2.2	-2.3	7.8	-3.4	0.3
5	-2.4	-2.5	-4.6	-5.7	-6.6	-7.0	-6.9	-6.9	-7.1	-7.2	-7.5	-7.4	-7.5	-7.8	-8.3	-8.6	-8.8	-8.9	-8.5	-8.5	-7.9	-7.4	-7.6	-7.7	-2.4	-8.9	-7.1
6	-8.1	-8.8	-9.0	-9.7	-10.1	-10.4	-10.8	-10.9	-11.1	-11.1	-11.1	-11.4	-11.7	-11.9	-12.3	-12.8	-13.3	-13.4	-13.3	-13.0	-12.8	-12.6	-12.8	-14.2	-8.1	-14.2	-11.5
7	-15.2	-16.4	-17.5	-16.1	-15.2	-15.3	-15.8	-15.2	-13.9	-12.9	-11.7	-10.7	-9.8	-7.5	-7.2	-6.9	-7.7	-9.1	-9.3	-9.3	-9.0	-8.7	-9.2	-9.0	-6.9	-17.5	-11.6
8	-8.9	-9.0	-8.7	-8.7	-8.5	-8.7	-9.2	-10.0	-10.7	-11.5	-12.3	-11.9	-12.0	-12.8	-14.0	-14.5	-15.1	-15.1	-16.3	-16.9	-17.5	-17.6	-18.8	-20.4	-8.5	-20.4	-12.9
9	-20.1	-17.9	-15.6	-15.0	-14.7	-14.7	-15.0	-14.6	-14.8	-14.9	-14.0	-13.2	-12.5	-11.9	-11.5	-11.4	-11.3	-11.0	-10.9	-10.7	-10.7	-10.8	-11.3	-11.2	-10.7	-20.1	-13.3
10	-11.0	-10.5	-10.7	-10.6	-10.7	-10.8	-12.6	-14.4	-15.0	-14.6	-15.5	-15.1	-13.2	-12.2	-12.9	-13.1	-12.9	-12.6	-11.6	-10.1	-9.5	-7.4	-6.5	-6.7	-6.5	-15.5	-11.7
11	-7.6	-8.3	-9.4	-11.8	-11.7	-12.7	-14.3	-14.9	-15.8	-13.6	-9.6	-7.9	-6.3	-3.2	-2.6	-2.2	-1.6	-1.1	-1.6	-2.2	-3.2	-3.6	-3.2	-2.9	-1.1	-15.8	-7.1
12	-3.3	-4.0	-4.8	-4.3	-4.5	-5.1	-5.7	-5.6	-4.3	-3.9	-2.9	-2.9	-3.1	-3.8	-4.3	-4.5	-4.4	-4.4	-4.5	-5.0	-4.3	-4.1	-4.2	-6.0	-2.9	-6.0	-4.3
13	-6.8	-7.2	-6.7	-6.8	-7.1	-5.0	-6.2	-7.6	-9.0	-10.6	-10.2	-9.7	-9.0	-8.8	-9.4	-9.5	-9.7	-9.7	-9.9	-10.2	-10.4	-10.7	-11.0	-11.1	-5.0	-11.1	-8.8
14	-12.2	-12.5	-14.0	-15.4	-16.6	-17.0	-17.0	-16.5	-17.1	-17.8	-17.5	-17.5	-17.9	-17.3	-16.7	-16.7	-15.7	-15.1	-15.3	-14.9	-15.8	-17.6	-18.2	-18.4	-12.2	-18.4	-16.3
15	-18.4	-18.4	-19.0	-16.2	-16.4	-15.6	-15.6	-14.4	-13.7	-13.0	-12.1	-11.0	-9.6	-7.9	-7.9	-6.1	-4.7	-6.3	-5.7	-6.0	-6.4	-7.7	-8.6	-8.6	-4.7	-19.0	-11.2
16	-10.3	-11.8	-12.0	-12.3	-13.0	-13.9	-15.2	-15.7	-15.8	-16.3	-16.3	-16.1	-16.1	-15.9	-14.4	-14.3	-14.3	-14.7	-16.3	-16.3	-16.2	-17.0	-18.4	-19.1	-10.3	-19.1	-15.1
17	-18.8	-18.9	-18.3	-17.6	-16.9	-17.2	-17.1	-18.7	-18.6	-18.2	-17.2	-16.2	-15.7	-15.6	-16.5	-17.2	-18.5	-18.3	-17.0	-15.4	-14.0	-14.5	-15.2	-15.3	-14.0	-18.9	-17.0
18	-15.4	-16.4	-16.2	-15.5	-14.8	-14.0	-13.0	-1.8	-0.2	0.2	0.4	0.3	1.3	1.6	-0.1	0.3	-1.0	-1.7	-2.0	-3.1	-6.2	-6.6	-6.2	-6.7	1.6	-16.4	-5.7
19	-6.7	-6.4	-7.1	-7.5	-7.4	-6.8	-6.8	-6.8	-6.6	-6.6	-6.6	-6.5	-6.4	-6.2	-6.4	-7.6	-7.7	-7.5	-7.4	-7.7	-7.7	-7.6	-8.1	-9.1	-6.2	-9.1	-7.1
20	-8.3	-8.8	-9.4	-10.5	-13.1	-14.7	-15.6	-14.0	-12.7	-12.0	-13.0	-15.1	-15.3	-16.4	-17.6	-17.5	-17.0	-15.3	-14.9	-13.6	-13.8	-13.6	-13.9	-14.8	-8.3	-17.6	-13.8
21	-14.7	-12.8	-14.2	-14.2	-14.1	-10.8	-8.0	-6.5	-6.3	-6.2	-6.3	-6.3	-4.3	-3.5	-4.2	-5.0	-5.3	-6.1	-7.0	-7.3	-9.7	-10.2	-12.4	-14.5	-3.5	-14.7	-8.7
22	-16.1	-15.8	-15.1	-14.9	-16.8	-16.6	-15.9	-15.7	-15.8	-15.2	-15.1	-14.7	-14.1	-13.3	-12.2	-11.9	-12.0	-11.7	-11.5	-11.2	-10.7	-11.0	-12.2	-11.7	-10.7	-16.8	-13.8
23	-11.9	-11.8	-11.8	-11.8	-11.7	-11.5	-11.5	-11.8	-12.5	-12.0	-12.2	-12.2	-12.3	-12.4	-13.7	-16.5	-17.3	-17.0	-18.6	-20.0	-21.9	-23.8	-25.0	-26.4	-11.5	-26.4	-15.3
24	-27.1	-25.3	-24.1	-22.7	-21.9	-21.5	-21.3	-21.1	-20.7	-21.2	-22.6	-24.4	-25.6	-26.4	-27.3	-27.8	-28.0	-28.2	-28.7	-29.5	-29.7	-28.6	-27.8	-27.8	-20.7	-29.7	-25.4
25	-28.1	-27.8	-28.2	-28.1	-27.7	-25.6	-23.3	-21.8	-20.3	-19.2	-18.7	-18.0	-17.3	-16.6	-16.6	-16.4	-14.4	-11.2	-11.5	-12.1	-12.5	-13.4	-15.3	-18.2	-11.2	-28.2	-19.3
26	-21.3	-22.4	-23.9	-25.2	-23.9	-22.2	-22.2	-21.2	-21.7	-21.4	-21.4	-21.3	-20.3	-19.9	-18.4	-16.7	-14.2	-12.2	-15.2	-16.6	-9.9	-10.9	-10.8	-10.9	-9.9	-25.2	-18.5
27	-11.9	-11.1	-11.5	-12.4	-13.1	-13.6	-17.7	-18.5	-19.4	-20.3	-20.7	-20.5	-21.2	-21.4	-20.5	-20.1	-19.7	-19.8	-21.2	-23.4	-24.5	-24.9	-26.6	-26.7	-11.1	-26.7	-19.2
28	-25.1	-25.5	-26.3	-26.7	-26.4	-27.6	-27.6	-27.8	-28.2	-27.4	-27.2	-26.3	-26.1	-25.9	-25.7	-25.7	-25.4	-25.1	-24.8	-24.5	-24.7	-24.6	-24.5	-24.4	-24.4	-28.2	-26.0
29	-24.4	-24.3	-24.1	-24.0	-23.9	-24.0	-24.3	-24.7	-25.7	-27.9	-29.6	-29.8	-30.1	-30.4	-29.7	-29.5	-30.1	-30.7	-31.5	-32.1	-33.1	-34.2	-34.9	-35.6	-23.9	-35.6	-28.7
30	-35.7	-34.8	-32.1	-31.4	-31.8	-32.8	-33.3	-34.1	-35.2	-36.0	-36.3	-36.9	-36.9	-37.3	-37.0	-37.0	-37.5	-37.6	-37.4	-35.2	-34.1	-33.9	-33.7	-33.1	-31.4	-37.6	-35.0
31	-33.1	-34.3	-35.1	-34.7	-35.2	-35.2	-35.0	-35.6	-36.5	-37.3	-36.7	-34.3	-32.9	-31.5	-30.5	-30.4	-30.0	-30.2	-32.1	-33.1	-33.1	-34.2	-34.8	-35.9	-30.0	-37.3	-33.8
Max	-2.4	-2.5	-3.4	-3.4	-2.9	-0.7	1.7	1.9	0.6	1.0	5.0	3.8	7.8	7.6	6.6	3.5	0.1	-1.1	-1.6	-2.2	-2.3	-2.2	-2.2	-2.3	7.8		
Min	-35.7	-34.8	-35.1	-34.7	-35.2	-35.2	-35.0	-35.6	-36.5	-37.3	-36.7	-36.9	-36.9	-37.3	-37.0	-37.0	-37.5	-37.6	-37.4	-35.2	-34.1	-34.2	-34.9	-35.9		-37.6	
Avg.	-14.5	-14.5	-14.8	-14.8	-14.9	-14.8	-14.9	-14.6	-14.7	-14.7	-14.4	-14.2	-13.7	-13.3	-13.4	-13.5	-13.3	-13.3	-13.6	-13.8	-13.9	-14.2	-14.8	-15.2			-14.2
																									Max Daily Mean		0.3
																									Min Daily Mean		-35.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-36.5	-36.8	-37.3	-37.3	-36.3	-37.3	-37.5	-37.5	-36.5	-34.5	-33.1	-32.0	-31.3	-30.7	-29.9	-29.1	-28.7	-28.7	-28.9	-29.0	-28.7	-29.0	-29.5	-29.3	-28.7	-37.5	-32.7
2	-29.1	-28.9	-28.7	-28.5	-28.2	-28.2	-28.6	-29.7	-31.2	-32.4	-32.6	-33.3	-33.7	-32.9	-33.2	-33.3	-34.5	-33.9	-35.6	-37.1	-38.0	-38.0	-38.7	-38.6	-28.2	-38.7	-32.8
3	-37.3	-36.6	-37.0	-35.4	-35.0	-34.6	-33.4	-32.5	-31.6	-31.1	-31.1	-30.3	-30.4	-29.8	-29.0	-29.4	-31.5	-33.0	-34.1	-35.1	-35.9	-36.3	-36.5	-36.4	-29.0	-37.3	-33.5
4	-34.4	-33.2	-33.0	-32.7	-31.7	-30.8	-30.0	-29.4	-29.0	-28.7	-28.3	-28.0	-27.7	-27.5	-27.8	-27.6	-27.5	-27.8	-27.7	-27.7	-27.6	-27.5	-28.2	-28.4	-27.5	-34.4	-29.3
5	-29.1	-29.9	-30.4	-30.9	-31.8	-32.7	-33.7	-34.6	-33.8	-31.9	-29.7	-28.9	-27.6	-25.9	-25.2	-24.2	-23.5	-22.8	-22.2	-21.5	-21.4	-22.6	-22.6	-21.9	-21.4	-34.6	-27.5
6	-21.0	-20.1	-19.0	-18.2	-17.3	-16.9	-17.6	-18.0	-18.6	-19.6	-20.4	-21.0	-21.3	-21.4	-21.6	-21.9	-23.6	-26.8	-29.1	-30.8	-32.4	-33.5	-33.9	-35.2	-16.9	-35.2	-23.3
7	-35.8	-34.9	-35.0	-33.3	-31.3	-30.1	-29.7	-29.1	-28.9	-28.4	-27.6	-27.0	-26.4	-25.8	-25.2	-24.6	-24.3	-24.5	-24.5	-24.2	-24.0	-23.7	-23.9	-24.1	-23.7	-35.8	-27.8
8	-24.0	-23.8	-23.4	-23.6	-24.4	-24.9	-25.2	-25.8	-25.7	-25.8	-25.6	-25.6	-25.6	-25.5	-25.4	-25.4	-25.7	-27.7	-29.7	-31.2	-32.3	-33.0	-32.4	-31.8	-23.4	-33.0	-26.8
9	-32.4	-33.6	-35.3	-36.4	-37.3	-38.3	-38.0	-37.4	-37.1	-36.8	-36.4	-36.0	-36.1	-35.5	-35.3	-35.4	-35.7	-34.3	-34.5	-34.0	-33.6	-32.8	-31.4	-30.8	-30.8	-38.3	-35.2
10	-30.0	-29.7	-28.4	-25.5	-22.6	-20.9	-18.8	-16.7	-15.0	-12.8	-13.1	-12.1	-12.6	-12.8	-13.2	-13.9	-14.5	-14.3	-13.2	-13.7	-14.2	-14.2	-14.9	-16.2	-12.1	-30.0	-17.2
11	-17.2	-18.7	-20.2	-18.9	-12.1	-11.1	-12.4	-15.3	-15.7	-17.5	-18.1	-18.5	-16.9	-16.2	-15.8	-16.0	-17.1	-19.0	-20.1	-20.5	-21.5	-21.2	-19.9	-19.9	-11.1	-21.5	-17.5
12	-18.4	-17.1	-15.8	-14.4	-13.9	-14.4	-15.3	-15.9	-16.6	-17.5	-18.2	-18.7	-19.4	-20.0	-20.6	-21.2	-21.6	-21.9	-22.3	-22.6	-23.0	-23.1	-23.4	-23.4	-13.9	-23.4	-19.1
13	-23.5	-23.8	-24.2	-24.7	-24.7	-24.9	-25.1	-25.7	-26.6	-28.5	-30.5	-31.6	-30.9	-29.9	-29.4	-29.4	-30.7	-31.0	-30.4	-31.5	-33.0	-33.9	-34.4	-34.8	-23.5	-34.8	-28.9
14	-34.8	-35.5	-36.5	-36.7	-37.8	-38.7	-39.2	-40.0	-40.3	-41.2	-41.5	-41.3	-41.0	-40.1	-39.8	-40.2	-40.9	-41.7	-42.1	-41.7	-42.4	-42.6	-42.5	-41.3	-34.8	-42.6	-40.0
15	-41.3	-42.0	-41.7	-41.5	-41.9	-41.7	-42.0	-41.5	-41.5	-40.8	-40.7	-40.5	-39.7	-39.3	-38.5	-37.6	-36.9	-36.1	-35.5	-35.7	-37.1	-37.5	-37.6	-35.6	-35.5	-42.0	-39.3
16	-33.7	-32.6	-32.0	-31.4	-31.0	-30.7	-30.2	-29.6	-30.0	-31.6	-33.9	-34.6	-34.7	-34.5	-34.7	-35.4	-36.9	-38.2	-38.6	-39.3	-39.9	-40.4	-40.5	-40.6	-29.6	-40.6	-34.8
17	-40.9	-41.0	-41.0	-40.8	-40.7	-40.8	-40.0	-39.8	-40.2	-39.9	-39.6	-39.2	-38.1	-37.5	-36.9	-37.1	-37.1	-38.3	-39.2	-39.6	-39.2	-39.6	-38.3	-38.7	-36.9	-41.0	-39.3
18	-39.2	-39.3	-38.7	-37.9	-37.8	-38.0	-37.1	-36.4	-37.5	-38.1	-37.7	-36.2	-35.8	-32.5	-32.2	-31.1	-32.1	-32.1	-31.4	-31.1	-32.1	-33.7	-34.1	-34.4	-31.1	-39.3	-35.3
19	-34.8	-34.7	-35.0	-33.9	-32.3	-31.6	-32.1	-32.5	-31.5	-30.9	-30.5	-29.4	-28.3	-27.3	-27.1	-28.4	-31.0	-32.5	-33.5	-33.9	-33.8	-34.0	-34.6	-35.0	-27.1	-35.0	-32.0
20	-34.9	-33.6	-33.5	-33.9	-34.5	-34.9	-34.9	-35.6	-35.7	-36.0	-36.3	-35.3	-34.9	-33.6	-33.4	-32.5	-32.7	-33.9	-34.6	-35.0	-35.3	-35.8	-34.3	-32.4	-32.4	-36.3	-34.5
21	-31.9	-32.5	-33.3	-33.1	-31.9	-31.5	-31.9	-33.3	-32.5	-32.7	-33.2	-32.2	-30.1	-28.6	-27.6	-27.1	-27.3	-27.8	-27.0	-18.2	-17.6	-17.5	-17.5	-17.6	-17.5	-33.3	-28.1
22	-17.4	-17.3	-17.4	-17.5	-17.6	-17.5	-17.2	-17.1	-17.2	-17.3	-17.4	-17.2	-17.2	-17.0	-16.8	-16.6	-16.2	-16.1	-16.0	-15.9	-16.1	-18.3	-20.3	-20.3	-15.9	-20.3	-17.3
23	-20.0	-19.5	-19.0	-19.5	-20.0	-20.2	-21.0	-21.2	-21.0	-21.1	-21.1	-21.3	-21.1	-21.2	-21.4	-21.5	-21.4	-21.5	-22.0	-22.2	-22.2	-22.6	-23.1	-23.3	-19.0	-23.3	-21.2
24	-23.2	-23.1	-23.1	-23.1	-23.9	-23.9	-23.7	-24.2	-24.9	-25.3	-25.8	-26.2	-25.8	-25.6	-25.8	-26.2	-26.7	-26.5	-26.4	-26.3	-26.2	-26.1	-26.0	-25.7	-23.1	-26.7	-25.2
25	-25.5	-25.3	-26.1	-26.7	-27.1	-27.3	-27.4	-27.5	-27.6	-27.9	-28.0	-27.9	-27.8	-27.5	-27.6	-27.7	-27.8	-27.9	-28.0	-28.0	-28.1	-28.3	-28.4	-28.6	-25.3	-28.6	-27.5
26	-28.5	-28.3	-28.3	-28.3	-28.4	-28.5	-28.6	-28.7	-29.0	-29.4	-29.9	-29.8	-30.0	-30.1	-30.0	-30.1	-30.4	-30.3	-30.1	-30.1	-30.5	-31.4	-32.9	-34.9	-28.3	-34.9	-29.9
27	-36.7	-38.0	-38.6	-39.3	-40.1	-39.7	-39.7	-40.3	-40.9	-40.9	-40.8	-40.0	-39.1	-37.6	-37.2	-37.1	-37.2	-38.7	-40.3	-41.4	-42.3	-42.8	-43.3	-43.8	-36.7	-43.8	-39.8
28	-44.1	-43.7	-44.0	-44.7	-44.4	-44.5	-44.6	-44.9	-45.2	-45.4	-45.1	-44.0	-42.3	-41.3	-40.6	-41.0	-42.9	-44.2	-44.9	-45.5	-46.1	-46.5	-46.7	-46.4	-40.6	-46.7	-44.3
29	-46.5	-46.8	-46.0	-46.2	-46.3	-46.6	-46.6	-46.3	-44.7	-44.1	-42.7	-41.9	-39.6	-37.1	-34.9	-34.2	-33.9	-34.8	-37.0	-38.6	-39.8	-40.4	-39.7	-40.0	-33.9	-46.8	-41.4
30	-40.0	-40.0	-37.9	-34.8	-35.1	-35.4	-34.7	-32.6	-31.0	-30.3	-29.4	-28.1	-27.1	-25.9	-25.0	-24.4	-24.1	-24.3	-24.6	-25.5	-26.5	-25.5	-24.6	-24.1	-24.1	-40.0	-29.6
31	-24.1	-23.3	-23.0	-22.8	-23.1	-23.0	-22.6	-22.4	-22.5	-22.2	-22.0	-21.4	-20.8	-20.9	-21.2	-23.8	-25.2	-27.5	-29.6	-30.8	-31.1	-32.0	-31.9	-31.2	-20.8	-32.0	-24.9
Max	-17.2	-17.1	-15.8	-14.4	-12.1	-11.1	-12.4	-15.3	-15.0	-12.8	-13.1	-12.1	-12.6	-12.8	-13.2	-13.9	-14.5	-14.3	-13.2	-13.7	-14.2	-14.2	-14.9	-16.2	-11.1		
Min	-46.5	-46.8	-46.0	-46.2	-46.3	-46.6	-46.6	-46.3	-45.2	-45.4	-45.1	-44.0	-42.3	-41.3	-40.6	-41.0	-42.9	-44.2	-44.9	-45.5	-46.1	-46.5	-46.7	-46.4		-46.8	
Avg.	-31.2	-31.1	-31.1	-30.7	-30.3	-30.3	-30.3	-30.4	-30.3	-30.3	-30.3	-30.0	-29.5	-28.8	-28.5	-28.5	-29.0	-29.6	-30.1	-30.2	-30.7	-31.1	-31.2	-31.1			-30.2
																									Max Daily Mean		-17.2
																									Min Daily Mean		-44.3

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-30.0	-27.3	-25.2	-24.5	-25.2	-25.3	-24.8	-23.4	-23.6	-22.3	-19.0	-17.4	-15.7	-14.4	-12.0	-7.5	-5.6	-6.2	-6.1	-5.1	-4.5	-3.9	-3.6	-3.1	-3.1	-30.0	-15.7
2	-3.5	-3.1	-4.9	-4.9	-2.2	-2.0	-2.6	-5.2	-7.9	-8.7	-9.3	-8.1	-5.8	-2.7	-1.2	-2.0	-3.3	-3.7	2.6	2.0	-0.3	-0.3	-1.0	-5.7	2.6	-9.3	-3.5
3	-9.5	-10.8	-7.8	-6.6	-12.2	-14.4	-15.9	-17.2	-17.8	-18.8	-19.3	-19.6	-20.2	-20.4	-20.8	-20.5	-21.0	-21.3	-21.7	-23.2	-24.0	-24.1	-23.7	-25.0	-6.6	-25.0	-18.2
4	-25.3	-25.2	-26.3	-28.0	-28.6	-29.8	-30.0	-30.2	-28.4	-27.3	-26.7	-25.8	-24.0	-22.6	-21.1	-19.7	-18.8	-17.9	-15.5	-13.7	-13.5	-13.5	-11.4	-11.5	-11.4	-30.2	-22.3
5	-10.7	-10.6	-6.9	-3.4	-2.5	-1.4	-1.5	-1.9	-2.4	-2.1	-1.7	-1.2	-0.8	-0.5	-0.4	-0.7	-1.1	-0.8	-0.9	-1.3	-1.7	-1.9	-1.6	-2.2	-0.4	-10.7	-2.5
6	-3.9	-3.4	-4.8	-5.5	-5.6	-3.1	-5.3	-6.0	-7.0	-7.7	-7.3	-6.5	-4.3	-3.2	-3.8	-4.1	-5.9	-7.0	-8.2	-9.8	-10.6	-11.3	-11.6	-12.7	-3.1	-12.7	-6.6
7	-13.5	-15.8	-16.0	-16.0	-15.8	-16.3	-17.9	-15.7	-9.9	-6.5	-3.4	-3.4	-2.2	-1.0	-0.3	-0.2	-0.4	-1.1	-1.7	-2.1	-2.6	-2.9	-2.9	-3.0	-0.2	-17.9	-7.1
8	-3.5	-3.2	-3.3	-3.6	-3.7	-3.9	-3.7	-5.1	-6.3	-2.9	-1.4	-0.8	-0.3	0.1	0.4	0.3	0.1	0.2	-0.1	0.1	0.0	0.0	0.4	0.4	0.4	-6.3	-1.7
9	0.7	0.8	0.6	0.7	1.2	0.3	-3.8	-6.0	-8.5	-9.9	-10.6	-9.1	-8.5	-6.1	-3.8	-2.7	0.9	0.9	0.5	0.3	-1.2	0.3	0.5	0.8	1.2	-10.6	-2.6
10	1.2	1.0	1.1	1.0	0.5	0.3	-0.2	-0.3	-2.6	-2.1	-0.1	-0.1	0.4	-0.3	-0.8	-1.6	-2.6	-3.3	-4.6	-5.0	-5.9	-7.6	-9.1	-9.6	1.2	-9.6	-2.1
11	-10.7	-12.4	-13.6	-14.7	-13.8	-12.3	-10.3	-10.4	-9.3	-10.3	-7.6	-3.5	0.1	1.6	2.4	2.2	2.0	2.2	2.1	1.7	1.5	1.0	0.8	-2.5	2.4	-14.7	-4.7
12	-3.0	-2.9	-3.2	-2.9	-3.0	-4.0	-4.9	-5.4	-6.0	-5.6	-3.5	-2.3	-1.4	-0.1	0.5	2.9	0.1	-1.4	-2.4	-4.6	-5.4	-7.3	-9.4	-11.2	2.9	-11.2	-3.6
13	-13.2	-14.6	-15.1	-15.8	-16.0	-16.0	-16.3	-15.8	-14.0	-12.8	-10.0	-8.4	-6.9	-5.1	-4.6	-4.8	-3.9	1.3	1.8	1.5	0.9	-0.1	-1.4	-2.1	1.8	-16.3	-8.0
14	-2.0	-2.1	-2.8	-4.0	-2.4	-1.5	-1.9	-2.4	-4.1	-6.4	-5.7	-2.9	-1.8	-2.3	-2.2	-1.7	-2.9	-6.1	-8.4	-10.4	-13.0	-14.5	-16.2	-16.8	-1.5	-16.8	-5.6
15	-16.1	-14.0	-13.4	-13.3	-13.1	-13.0	-13.1	-12.3	-11.6	-9.3	-9.0	-7.7	-5.6	-3.2	-2.1	-2.4	-1.3	-1.2	-2.2	-2.4	-2.4	-2.4	-2.4	-2.6	-1.2	-16.1	-7.3
16	-4.9	-6.0	-6.8	-7.6	-8.5	-9.0	-11.2	-12.9	-14.4	-15.5	-15.6	-13.9	-11.2	-8.9	-7.2	-7.9	-7.8	-8.9	-9.7	-11.1	-10.9	-10.8	-11.8	-13.4	-4.9	-15.6	-10.2
17	-13.9	-16.0	-17.5	-18.9	-18.5	-17.8	-18.4	-18.9	-19.1	-18.5	-16.6	-14.4	-12.4	-9.4	-7.3	-6.5	-8.3	-12.1	-15.4	-16.8	-18.2	-19.2	-19.4	-19.8	-6.5	-19.8	-15.6
18	-20.2	-19.1	-18.9	-18.9	-17.3	-18.8	-19.4	-20.3	-20.6	-21.3	-20.8	-17.1	-13.6	-11.2	-9.0	-6.5	-7.0	-9.3	-11.4	-12.4	-12.2	-12.8	-14.3	-14.7	-6.5	-21.3	-15.3
19	-15.1	-17.0	-16.9	-19.1	-19.7	-18.8	-18.8	-19.3	-19.4	-19.3	-18.7	-17.2	-14.2	-11.5	-9.1	-8.2	-8.8	-11.3	-11.6	-10.8	-8.1	-7.5	-9.0	-10.9	-7.5	-19.7	-14.2
20	-10.3	-9.8	-11.6	-12.3	-12.2	-12.2	-10.8	-7.3	-6.8	-6.9	-6.5	-6.0	-5.3	-5.0	-5.0	-4.9	-4.8	-4.9	-5.3	-5.3	-5.5	-8.0	-10.2	-12.0	-4.8	-12.3	-7.9
21	-13.4	-13.8	-15.1	-15.8	-15.6	-15.8	-15.5	-15.3	-15.2	-14.4	-12.5	-10.9	-9.9	-8.2	-6.6	-6.4	-6.8	-9.4	-10.7	-11.6	-12.7	-12.9	-12.4	-12.3	-6.4	-15.8	-12.2
22	-12.2	-12.3	-12.0	-12.1	-12.4	-13.2	-13.9	-13.7	-13.5	-12.2	-11.1	-10.1	-8.7	-7.8	-7.1	-6.7	-6.9	-9.2	-10.7	-11.8	-12.7	-12.5	-12.2	-12.4	-6.7	-13.9	-11.1
23	-12.4	-12.4	-12.6	-12.2	-12.4	-12.5	-12.4	-12.3	-12.2	-11.7	-10.7	-9.8	-8.9	-7.9	-7.1	-6.7	-7.8	-9.8	-12.0	-13.5	-14.4	-15.1	-15.2	-14.5	-6.7	-15.2	-11.5
24	-14.4	-14.0	-13.3	-12.8	-12.9	-13.1	-13.5	-13.6	-13.7	-13.2	-12.3	-11.7	-10.8	-10.4	-10.5	-10.8	-10.9	-11.2	-11.8	-12.1	-12.5	-12.9	-13.3	-13.7	-10.4	-14.4	-12.5
25	-14.2	-14.3	-15.6	-16.4	-16.1	-16.1	-15.7	-15.6	-15.6	-15.3	-14.7	-14.1	-13.4	-12.8	-12.4	-12.1	-12.3	-13.9	-14.7	-15.0	-14.7	-14.2	-14.3	-14.2	-12.1	-16.4	-14.5
26	-14.2	-13.8	-13.3	-12.7	-12.0	-11.7	-11.2	-11.1	-11.7	-11.3	-10.5	-10.4	-9.6	-8.1	-7.1	-6.8	-7.7	-9.3	-11.6	-10.8	-9.4	-8.6	-8.3	-8.2	-6.8	-14.2	-10.4
27	-8.6	-8.6	-8.0	-7.2	-7.1	-7.5	-8.0	-8.0	-7.9	-7.7	-7.3	-7.2	-6.4	-5.1	-4.4	-4.3	-4.6	-5.5	-7.4	-9.5	-11.1	-12.3	-13.5	-14.2	-4.3	-14.2	-8.0
28	-14.5	-14.9	-15.0	-15.1	-15.3	-15.4	-17.1	-17.5	-17.6	-17.3	-16.8	-15.7	-15.0	-14.6	-14.4	-14.5	-15.0	-15.9	-16.7	-17.5	-19.0	-21.3	-22.3	-22.9	-14.4	-22.9	-16.7
29	-23.7	-24.6	-24.8	-24.0	-22.4	-21.9	-23.2	-24.8	-26.2	-25.4	-22.2	-18.6	-16.1	-15.3	-15.0	-15.0	-15.2	-16.1	-17.7	-20.5	-22.4	-23.3	-24.4	-23.4	-15.0	-26.2	-21.1
Max	1.2	1.0	1.1	1.0	1.2	0.3	-0.2	-0.3	-2.4	-2.1	-0.1	-0.1	0.4	1.6	2.4	2.9	2.0	2.2	2.6	2.0	1.5	1.0	0.8	0.8	2.9		
Min	-30.0	-27.3	-26.3	-28.0	-28.6	-29.8	-30.0	-30.2	-28.4	-27.3	-26.7	-25.8	-24.0	-22.6	-21.1	-20.5	-21.0	-21.3	-21.7	-23.2	-24.0	-24.1	-24.4	-25.0		-30.2	
Avg.	-11.6	-11.7	-11.8	-12.0	-11.9	-11.9	-12.5	-12.7	-12.9	-12.5	-11.4	-10.1	-8.7	-7.5	-6.6	-6.2	-6.5	-7.3	-8.0	-8.6	-9.2	-9.7	-10.1	-10.8			-10.1
																										Max Daily Mean	-1.7
																										Min Daily Mean	-22.3

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-23.2	-24.3	-25.6	-26.1	-27.1	-27.2	-26.6	-25.0	-24.2	-20.2	-13.8	-12.2	-10.9	-10.0	-9.8	-9.7	-10.0	-10.4	-11.1	-11.7	-13.9	-14.9	-17.1	-18.0	-9.7	-27.2	-17.6
2	-18.9	-19.9	-20.2	-19.5	-19.3	-19.4	-20.9	-21.2	-20.6	-17.9	-16.0	-12.9	-9.7	-8.2	-7.1	-5.8	-5.0	-5.9	-9.1	-11.2	-12.8	-13.5	-13.8	-15.1	-5.0	-21.2	-14.3
3	-16.1	-15.5	-14.1	-14.8	-15.9	-16.4	-16.6	-16.9	-17.3	-17.9	-17.4	-16.4	-15.6	-15.3	-14.9	-14.6	-14.7	-15.4	-16.4	-18.0	-19.2	-20.7	-21.6	-22.2	-14.1	-22.2	-16.8
4	-21.9	-22.8	-24.0	-25.2	-24.4	-24.4	-24.8	-25.5	-26.4	-24.6	-21.6	-19.5	-17.9	-17.5	-17.2	-17.3	-17.8	-18.7	-22.0	-24.8	-24.8	-26.8	-29.5	-31.1	-17.2	-31.1	-22.9
5	-32.1	-33.1	-33.4	-33.6	-34.0	-32.8	-32.1	-32.4	-31.4	-30.4	-27.7	-24.9	-21.2	-17.9	-14.8	-13.0	-12.8	-12.8	-12.9	-13.2	-12.9	-13.6	-14.0	-14.3	-12.8	-34.0	-23.0
6	-14.5	-14.7	-14.9	-14.9	-14.9	-14.9	-14.9	-14.9	-14.8	-14.3	-13.4	-8.3	-7.3	-7.6	-8.8	-8.4	-8.7	-9.0	-8.8	-8.7	-8.8	-8.9	-8.9	-9.0	-7.3	-14.9	-11.3
7	-9.4	-9.9	-10.3	-10.0	-9.9	-10.0	-9.9	-9.7	-9.3	-9.1	-8.8	-8.2	-7.9	-7.1	-6.6	-6.3	-6.2	-6.8	-7.6	-8.6	-9.6	-10.4	-12.0	-13.6	-6.2	-13.6	-9.1
8	-14.4	-14.7	-15.1	-17.4	-17.4	-18.1	-18.3	-17.5	-16.1	-14.9	-11.5	-9.6	-9.8	-9.7	-9.2	-9.1	-9.1	-8.9	-8.7	-8.6	-8.9	-9.3	-9.6	-10.1	-8.6	-18.3	-12.3
9	-10.7	-11.0	-11.3	-11.7	-12.2	-13.1	-13.7	-14.2	-14.3	-13.3	-13.0	-12.9	-12.7	-12.1	-11.6	-11.8	-12.7	-13.6	-14.7	-15.9	-16.3	-16.8	-16.9	-17.8	-10.7	-17.8	-13.5
10	-17.6	-17.7	-18.3	-18.5	-18.5	-18.8	-19.4	-19.6	-19.7	-19.6	-19.4	-18.8	-17.8	-17.3	-17.0	-17.1	-17.3	-18.2	-19.1	-19.6	-20.0	-20.4	-20.5	-21.3	-17.0	-21.3	-18.8
11	-21.7	-21.9	-22.5	-22.9	-23.1	-23.5	-23.4	-23.6	-23.5	-22.9	-22.4	-21.5	-20.5	-19.8	-19.0	-18.7	-18.6	-18.8	-19.1	-19.4	-19.8	-19.5	-19.7	-20.0	-18.6	-23.6	-21.1
12	-20.0	-20.3	-20.6	-20.6	-20.8	-19.9	-20.1	-20.2	-20.2	-19.7	-18.8	-17.3	-15.6	-14.6	-13.9	-12.9	-12.5	-13.2	-14.2	-15.0	-16.5	-18.8	-20.0	-20.3	-12.5	-20.8	-17.8
13	-21.2	-21.4	-21.3	-23.0	-25.1	-25.9	-25.9	-22.6	-14.9	-19.1	-11.4	-7.6	-6.4	-5.7	-5.5	-5.3	-5.4	-5.9	-6.9	-7.9	-8.4	-8.6	-9.1	-9.6	-5.3	-25.9	-13.5
14	-11.5	-13.4	-14.0	-15.1	-16.4	-16.2	-15.9	-15.3	-14.5	-12.9	-11.0	-9.6	-7.5	-5.6	-4.9	-4.4	-4.5	-4.8	-5.2	-5.4	-5.6	-6.0	-6.5	-8.1	-4.4	-16.4	-9.8
15	-9.6	-11.3	-13.0	-14.2	-15.0	-16.8	-16.9	-17.0	-15.5	-13.2	-9.2	-4.8	-3.5	-2.2	-1.5	-1.5	-1.8	-2.7	-3.8	-4.8	-5.8	-9.7	-11.5	-13.2	-1.5	-17.0	-9.1
16	-14.2	-15.0	-16.0	-16.3	-16.6	-16.8	-17.7	-18.3	-17.4	-15.6	-12.9	-9.7	-7.9	-6.5	-6.1	-6.4	-7.3	-8.5	-9.8	-11.0	-10.7	-10.9	-12.5	-14.4	-6.1	-18.3	-12.4
17	-16.4	-17.7	-18.9	-20.5	-22.5	-23.9	-24.5	-25.0	-25.2	-22.6	-19.1	-14.8	-11.9	-9.5	-8.0	-7.9	-8.1	-8.8	-10.2	-12.8	-15.5	-17.3	-19.3	-20.5	-7.9	-25.2	-16.7
18	-21.0	-20.6	-20.8	-19.8	-19.1	-18.5	-18.2	-17.9	-17.4	-16.7	-15.5	-14.1	-12.3	-10.6	-9.1	-8.0	-7.7	-8.8	-11.7	-15.6	-17.2	-19.2	-21.5	-23.4	-7.7	-23.4	-16.0
19	-24.9	-25.9	-26.9	-27.7	-28.3	-29.0	-29.4	-28.9	-27.1	-24.9	-20.4	-15.3	-12.4	-10.0	-8.3	-6.8	-6.8	-7.5	-8.2	-9.0	-10.3	-11.9	-13.4	-14.3	-6.8	-29.4	-17.8
20	-14.5	-15.5	-16.0	-16.5	-16.8	-17.0	-17.4	-17.5	-17.5	-17.7	-16.1	-14.1	-12.8	-11.7	-11.2	-11.4	-11.7	-12.6	-13.5	-14.1	-14.6	-15.2	-15.6	-16.0	-11.2	-17.7	-14.9
21	-16.4	-16.9	-17.2	-17.6	-19.1	-19.8	-20.4	-21.9	-22.6	-20.5	-17.0	-14.5	-13.7	-13.1	-12.6	-12.3	-12.6	-13.0	-13.9	-14.8	-17.6	-19.0	-20.6	-22.2	-12.3	-22.6	-17.1
22	-23.1	-24.2	-24.9	-25.8	-27.1	-27.8	-27.7	-27.3	-26.3	-24.1	-21.0	-18.0	-15.2	-13.2	-12.3	-11.7	-11.4	-11.7	-14.3	-17.2	-20.0	-23.0	-24.7	-26.1	-11.4	-27.8	-20.8
23	-27.0	-26.9	-26.3	-26.0	-26.3	-25.6	-25.3	-24.9	-23.5	-21.3	-16.7	-12.1	-9.5	-7.2	-5.6	-4.8	-4.5	-5.2	-5.7	-6.7	-7.1	-8.1	-8.8	-9.3	-4.5	-27.0	-15.2
24	-9.7	-10.0	-10.2	-10.4	-10.6	-10.9	-11.2	-11.2	-10.6	-9.2	-8.0	-6.6	-5.4	-4.0	-3.3	-2.9	-2.7	-2.6	-3.2	-4.5	-5.2	-5.7	-6.7	-8.9	-2.6	-11.2	-7.2
25	-10.4	-11.2	-10.3	-10.5	-10.8	-11.7	-13.8	-13.1	-11.7	-10.4	-8.7	-6.7	-5.8	-5.1	-4.6	-4.3	-4.4	-4.6	-6.7	-9.3	-11.3	-12.3	-12.9	-15.0	-4.3	-15.0	-9.4
26	-16.1	-18.6	-20.7	-22.8	-23.9	-24.8	-24.8	-24.0	-21.6	-14.9	-10.9	-7.6	-4.8	-2.8	-1.5	-0.9	-0.7	-1.6	-4.4	-7.4	-10.1	-13.0	-15.2	-15.7	-0.7	-24.8	-12.9
27	-14.7	-14.4	-16.1	-15.9	-16.1	-15.7	-16.0	-15.5	-15.2	-11.3	-6.6	-2.9	0.3	1.8	2.4	2.8	2.8	2.6	1.9	1.2	0.4	-1.7	-3.7	-5.4	2.8	-16.1	-6.5
28	-6.3	-7.0	-7.8	-8.8	-8.0	-7.2	-7.8	-7.8	-6.7	-2.5	1.9	3.3	4.5	5.2	5.7	6.0	5.8	5.4	4.5	3.5	1.6	-1.5	-3.0	-4.4	6.0	-8.8	-1.3
29	-5.4	-6.4	-7.9	-8.6	-9.2	-10.4	-10.4	-9.9	-8.2	-5.3	-0.7	3.6	5.8	6.7	7.1	7.1	7.2	7.1	6.4	6.0	5.1	4.2	3.3	3.1	7.2	-10.4	-0.4
30	1.9	0.2	-1.4	-2.5	-3.2	-4.5	-5.7	-5.5	-3.6	-1.4	1.9	5.1	6.5	7.1	7.5	7.2	6.2	5.1	4.5	2.5	2.1	0.1	-0.9	-1.3	7.5	-5.7	1.2
31	-1.3	-2.3	-1.9	-1.6	-1.6	-1.8	-1.9	-1.5	-1.3	-1.0	-0.2	0.2	0.9	1.8	2.3	2.7	2.7	2.5	0.9	0.5	-0.2	-0.9	-1.2	-1.3	2.7	-2.3	-0.2
Max	1.9	0.2	-1.4	-1.6	-1.6	-1.8	-1.9	-1.5	-1.3	-1.0	1.9	5.1	6.5	7.1	7.5	7.2	7.2	7.1	6.4	6.0	5.1	4.2	3.3	3.1	7.5		
Min	-32.1	-33.1	-33.4	-33.6	-34.0	-32.8	-32.1	-32.4	-31.4	-30.4	-27.7	-24.9	-21.2	-19.8	-19.0	-18.7	-18.6	-18.8	-22.0	-24.8	-24.8	-26.8	-29.5	-31.1		-34.0	
Avg.	-15.6	-16.3	-16.8	-17.4	-17.8	-18.2	-18.4	-18.3	-17.4	-15.8	-13.1	-10.6	-9.0	-7.8	-7.1	-6.7	-6.8	-7.3	-8.5	-9.7	-10.8	-12.0	-13.1	-14.2			-12.9
																									Max Daily Mean		1.2
																									Min Daily Mean		-23.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-1.7	-1.9	-2.6	-2.6	-2.6	-3.0	-3.7	-3.5	-2.5	-1.6	-1.1	0.3	1.5	2.1	2.6	2.7	2.8	2.2	0.6	-0.7	-2.7	-4.1	-5.9	-6.2	2.8	-6.2	-1.3
2	-4.8	-5.0	-5.1	-6.0	-6.9	-8.3	-8.8	-8.2	-7.6	-6.5	-5.6	-4.6	-3.7	-3.5	-2.8	-2.5	-2.6	-2.4	-3.2	-4.4	-6.2	-6.8	-6.3	-6.8	-2.4	-8.8	-5.4
3	-7.9	-8.4	-8.5	-8.7	-9.7	-10.3	-10.5	-10.2	-9.4	-8.5	-7.3	-5.9	-4.9	-3.9	-3.6	-3.3	-3.0	-3.0	-3.4	-5.6	-8.0	-10.3	-12.3	-14.4	-3.0	-14.4	-7.5
4	-15.8	-17.3	-18.4	-19.3	-20.1	-20.7	-20.6	-19.0	-14.3	-10.1	-6.0	-3.0	-0.8	0.9	2.2	3.1	3.6	3.5	1.9	-1.1	-3.6	-5.7	-6.9	-6.4	3.6	-20.7	-8.1
5	-5.7	-5.2	-5.6	-5.6	-5.7	-5.7	-5.3	-4.7	-3.3	-0.4	1.5	2.9	4.4	6.1	7.8	8.5	8.8	8.2	5.1	3.0	0.0	-1.0	-2.0	-3.4	8.8	-5.7	0.1
6	-4.4	-5.3	-6.6	-6.7	-6.8	-7.1	-6.8	-5.0	-2.4	0.1	5.5	6.2	6.2	6.6	6.9	7.0	7.2	7.0	5.1	2.3	0.0	-1.8	-3.3	-4.4	7.2	-7.1	0.0
7	-5.6	-6.8	-7.1	-7.9	-8.7	-8.2	-8.3	-6.9	-6.0	-3.2	0.5	2.8	4.2	5.5	6.3	6.8	6.4	6.2	5.5	3.0	1.8	1.8	1.9	1.8	6.8	-8.7	-0.6
8	-0.1	-1.2	-1.1	-0.8	-1.1	-1.2	-1.5	-1.5	-1.3	-1.0	0.3	1.7	2.6	3.5	4.3	4.6	4.7	5.0	4.8	4.1	3.2	2.6	1.5	-0.4	5.0	-1.5	1.3
9	-1.6	-2.8	-3.8	-5.2	-6.0	-6.9	-7.4	-6.2	-4.5	-1.0	1.4	3.1	4.5	5.5	6.1	6.7	6.8	6.7	5.6	2.6	-0.9	-2.9	-3.7	-4.5	6.8	-7.4	-0.4
10	-5.3	-5.4	-5.6	-5.6	-6.6	-7.1	-7.2	-6.7	-4.6	-0.7	4.1	6.4	7.9	8.9	9.5	9.8	10.0	10.2	10.1	7.9	7.2	6.9	3.2	1.1	10.2	-7.2	2.0
11	-0.3	-0.4	-1.5	-2.3	-2.9	-3.5	-3.6	-2.6	-1.4	2.8	7.2	8.8	9.7	10.6	11.0	11.3	11.4	11.2	10.7	9.8	6.0	2.6	1.5	0.8	11.4	-3.6	4.0
12	0.5	-0.6	-1.9	-2.5	-3.4	-3.5	-3.4	-2.5	-0.5	3.4	6.6	8.7	9.6	10.2	10.9	11.3	11.3	10.8	10.6	9.8	9.0	8.4	7.1	4.7	11.3	-3.5	4.8
13	3.0	1.5	0.4	-0.1	0.0	-0.4	0.3	1.6	6.0	7.4	8.5	9.5	10.5	11.0	10.7	10.3	10.2	9.6	8.9	8.3	7.6	7.0	6.3	5.5	11.0	-0.4	6.0
14	4.2	3.1	3.2	3.5	3.6	3.5	3.6	3.8	4.4	5.7	6.6	7.7	8.6	8.5	8.8	8.8	8.9	9.1	9.1	8.3	7.3	6.4	5.4	3.7	9.1	3.1	6.1
15	3.2	2.7	2.6	2.0	1.2	0.6	1.1	4.0	6.1	7.5	9.1	10.9	11.6	12.1	12.5	12.5	12.6	12.3	11.6	8.6	4.3	2.6	2.0	0.7	12.6	0.6	6.4
16	2.1	2.1	1.8	1.3	1.1	0.8	1.5	2.9	5.4	8.1	9.4	10.9	11.9	12.6	12.9	13.0	12.8	12.3	11.7	10.4	5.3	2.7	0.9	-0.8	13.0	-0.8	6.4
17	-0.6	-1.2	-1.6	-2.1	-2.1	-2.2	-2.0	-0.3	2.6	7.1	9.6	11.1	12.2	13.1	13.5	13.4	13.6	13.8	12.9	10.8	6.7	4.9	3.1	1.6	13.8	-2.2	5.7
18	0.2	-0.9	-1.8	-1.1	-0.1	-0.1	0.5	1.8	2.9	4.8	7.5	10.6	11.4	12.4	12.6	12.3	12.3	12.2	9.9	8.1	4.3	2.9	1.5	-0.8	12.6	-1.8	5.1
19	-1.0	-1.8	-2.7	-3.2	-3.6	-3.8	-3.0	-1.9	1.8	6.4	9.8	11.0	12.1	11.8	12.1	12.6	13.1	12.6	12.3	10.6	8.0	7.4	4.0	3.5	13.1	-3.8	5.3
20	2.4	1.1	-0.7	-1.5	-2.6	-2.8	-2.4	-0.7	3.1	7.0	9.6	10.0	9.8	9.9	8.3	8.4	9.1	9.6	10.1	8.8	6.5	4.8	3.3	2.7	10.1	-2.8	4.7
21	1.5	1.5	0.9	-0.1	-0.4	-0.1	0.8	1.3	3.3	6.0	7.7	7.3	9.0	8.4	8.9	9.6	9.7	9.0	9.0	8.6	6.5	3.9	2.0	0.7	9.7	-0.4	4.8
22	-1.1	-2.1	-2.6	-2.4	-2.3	-1.7	-0.8	-0.2	2.7	5.3	7.3	8.6	9.3	9.2	9.7	9.4	8.4	7.7	5.0	3.2	2.4	0.9	-0.6	-1.7	9.7	-2.6	3.1
23	-2.1	-1.8	-1.7	-1.7	-1.6	-1.4	-0.7	0.2	1.3	3.2	5.4	7.1	8.1	8.6	8.2	9.6	10.6	11.1	9.5	6.0	4.6	2.1	0.5	-1.2	11.1	-2.1	3.5
24	-2.3	-2.8	-3.5	-3.3	-3.8	-3.7	-3.0	-1.7	2.7	6.4	9.4	10.5	10.7	10.6	11.8	10.8	10.6	10.6	10.1	9.5	6.6	3.4	1.6	-0.1	11.8	-3.8	4.2
25	-1.8	-2.0	-2.5	-3.2	-3.6	-2.9	-2.0	0.1	3.8	7.5	9.4	9.4	9.8	10.1	10.4	10.4	10.9	10.7	10.0	9.2	6.1	3.4	1.7	-0.4	10.9	-3.6	4.4
26	-2.0	-2.8	-3.8	-4.2	-4.7	-4.4	-3.3	-0.6	2.6	6.5	8.3	9.3	9.9	10.5	11.0	10.8	11.1	10.8	10.7	9.4	8.2	7.5	5.0	2.7	11.1	-4.7	4.5
27	0.5	-0.6	-1.7	-2.4	-3.1	-3.1	-1.9	1.3	4.6	7.2	9.0	10.3	10.4	11.7	11.4	11.2	10.2	10.4	10.3	9.6	8.7	7.0	4.9	3.8	11.7	-3.1	5.4
28	2.9	1.6	1.3	0.5	-0.3	0.0	1.0	2.3	4.4	7.4	9.5	9.4	9.7	10.4	10.4	9.6	10.4	10.3	8.5	8.0	6.7	3.6	2.0	0.5	10.4	-0.3	5.4
29	-0.8	-1.6	-1.8	-1.6	-2.1	-1.9	-0.7	1.5	3.9	7.3	9.4	10.1	10.7	10.8	9.2	9.8	10.3	8.9	7.1	6.8	6.8	5.8	4.5	3.2	10.8	-2.1	4.8
30	2.4	1.9	1.5	1.3	1.4	1.6	2.2	3.0	4.2	5.3	5.6	6.1	6.4	7.3	Audit	Audit	5.7	6.0	6.1	5.3	4.5	2.4	0.3	-0.8	7.3	-0.8	3.6
Max	4.2	3.1	3.2	3.5	3.6	3.5	3.6	4.0	6.1	8.1	9.8	11.1	12.2	13.1	13.5	13.4	13.6	13.8	12.9	10.8	9.0	8.4	7.1	5.5	13.8		
Min	-15.8	-17.3	-18.4	-19.3	-20.1	-20.7	-20.6	-19.0	-14.3	-10.1	-7.3	-5.9	-4.9	-3.9	-3.6	-3.3	-3.0	-3.0	-3.4	-5.6	-8.0	-10.3	-12.3	-14.4		-20.7	
Avg.	-1.4	-2.1	-2.7	-3.1	-3.5	-3.6	-3.2	-2.0	0.3	3.0	5.3	6.6	7.4	8.1	8.4	8.6	8.6	8.4	7.5	6.0	3.9	2.3	0.8	-0.5			2.6
																									Max Daily Mean		6.4
																									Min Daily Mean		-8.1

Total Hours in month: **720** **Hours Data Available:** **718** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-0.6	0.0	-0.5	-1.1	0.0	0.8	0.9	0.9	0.4	0.3	0.5	1.0	1.5	1.5	1.4	0.5	-0.3	-1.0	-1.6	-2.0	-2.8	-3.8	-4.3	-4.7	1.5	-4.7	-0.5
2	-4.9	-5.1	-5.2	-5.2	-5.1	-5.1	-5.1	-4.8	-4.3	-3.7	-2.8	-2.6	-1.9	-1.0	-0.4	0.3	0.8	1.4	1.1	0.9	-1.3	-2.9	-3.9	-5.4	1.4	-5.4	-2.8
3	-6.6	-7.7	-8.5	-8.4	-8.2	-7.4	-5.6	-2.7	-0.5	1.5	3.3	4.5	5.2	5.6	6.1	6.5	6.8	7.1	7.2	6.1	5.5	2.0	-0.1	-1.7	7.2	-8.5	0.4
4	-2.4	-3.3	-4.1	-4.8	-5.2	-4.8	-3.4	-0.7	3.0	5.8	7.2	7.7	8.0	8.8	9.2	9.4	8.2	8.1	7.7	6.8	5.7	3.6	1.8	-0.6	9.4	-5.2	3.0
5	-1.5	-2.3	-2.8	-3.7	-3.7	-3.1	-1.5	0.5	2.7	6.0	7.0	8.1	8.0	7.6	7.8	7.8	7.3	6.7	6.7	6.5	6.1	4.5	1.7	0.5	8.1	-3.7	3.2
6	-0.4	-0.8	-1.2	-0.7	0.2	2.0	4.6	5.4	6.3	7.3	7.9	8.5	8.9	8.8	8.1	7.9	8.5	8.4	8.3	8.1	7.5	6.9	6.3	5.2	8.9	-1.2	5.5
7	5.1	2.7	1.4	0.6	-0.3	-0.6	0.8	4.6	7.7	8.7	9.6	10.5	10.6	10.3	7.2	7.4	8.1	9.2	7.7	7.0	6.3	4.9	3.2	1.4	10.6	-0.6	5.6
8	0.3	-0.4	-1.5	-1.9	-2.3	-1.9	0.6	4.4	6.1	6.8	6.8	7.0	7.2	8.1	8.3	8.1	7.6	7.1	6.3	5.8	5.0	3.8	2.2	1.0	8.3	-2.3	3.9
9	0.2	-1.0	-2.3	-3.1	-3.8	-3.8	-2.7	-0.1	3.7	5.7	6.5	7.5	8.3	8.8	9.3	10.0	10.2	10.4	10.4	10.3	9.5	6.5	4.1	1.6	10.4	-3.8	4.4
10	-0.3	-1.6	-2.5	-3.3	-3.6	-2.4	-1.2	1.8	6.7	8.8	9.6	9.7	9.9	10.3	10.5	10.7	10.9	11.3	11.4	11.0	10.4	9.4	6.8	4.7	11.4	-3.6	5.8
11	3.3	2.1	1.8	1.3	1.1	1.9	3.2	7.2	9.7	10.0	11.2	11.0	11.5	12.3	12.0	11.8	11.9	11.3	10.3	9.6	8.6	6.4	2.6	0.5	12.3	0.5	7.2
12	-1.3	-2.1	-2.3	-2.4	-2.5	-0.9	1.4	4.7	8.9	9.8	10.4	10.9	12.1	12.3	13.1	13.0	13.0	13.1	11.5	8.6	7.6	6.4	7.2	7.7	13.1	-2.5	6.7
13	6.6	5.5	5.0	2.4	0.4	1.1	2.9	5.5	7.1	8.2	9.2	9.7	10.0	9.9	10.7	10.9	10.6	10.5	10.1	9.5	8.2	3.7	1.2	-0.8	10.9	-0.8	6.6
14	-2.3	-3.6	-4.5	-5.0	-4.8	-3.2	-0.3	3.0	6.4	8.6	9.9	9.4	9.4	8.5	8.4	9.0	9.6	10.0	10.4	9.5	9.0	7.5	6.0	3.9	10.4	-5.0	4.8
15	3.9	2.6	2.6	3.1	3.7	4.0	4.3	4.8	5.4	6.1	6.8	7.6	7.4	8.3	8.3	9.2	9.1	9.4	9.1	8.7	6.9	3.3	1.5	-0.5	9.4	-0.5	5.7
16	-1.7	-2.6	-3.7	-4.7	-5.0	-3.8	-1.1	2.1	5.9	7.5	9.0	10.0	10.4	11.1	11.5	11.5	12.1	10.8	11.6	10.6	9.5	6.6	4.0	0.9	12.1	-5.0	5.1
17	-0.6	-1.8	-2.6	-2.9	-3.1	-1.2	1.7	4.7	8.9	10.7	11.7	12.8	13.6	14.0	14.4	15.2	14.8	14.2	13.1	12.4	10.8	7.2	4.8	1.9	15.2	-3.1	7.3
18	0.8	-0.6	-2.0	-2.3	-1.8	0.5	3.7	7.3	11.2	13.0	13.7	13.7	13.8	14.5	14.4	14.4	15.4	15.2	14.6	13.6	11.7	8.4	5.2	2.6	15.4	-2.3	8.4
19	0.4	-1.6	-2.2	-2.5	-1.8	-0.4	2.7	5.8	9.3	12.5	13.4	14.1	15.4	14.0	14.9	14.6	14.6	15.7	14.7	14.0	12.1	10.1	7.6	4.6	15.7	-2.5	8.4
20	3.6	1.2	-0.6	-1.4	-1.9	-0.5	2.4	5.6	9.2	11.7	13.2	14.4	14.8	15.3	15.6	15.3	15.9	15.8	15.6	15.4	14.9	12.7	9.1	7.0	15.9	-1.9	9.3
21	4.9	2.8	1.5	1.5	2.5	3.9	8.0	12.6	14.4	15.6	16.1	16.1	16.4	16.4	15.1	16.5	17.2	16.5	17.2	17.0	16.4	15.3	11.6	8.1	17.2	1.5	11.8
22	6.1	4.9	4.1	4.0	4.8	6.3	8.6	13.4	14.9	16.4	17.9	17.8	18.1	18.4	18.4	18.0	17.4	16.8	17.9	17.8	16.4	15.5	12.0	11.5	18.4	4.0	13.2
23	10.9	9.6	9.1	8.3	8.2	8.9	9.9	11.0	11.6	10.7	11.2	12.2	13.6	14.9	14.7	13.3	13.8	14.7	14.6	14.6	13.8	12.5	10.2	8.5	14.9	8.2	11.7
24	7.4	6.3	5.2	5.0	5.6	6.4	7.4	8.5	10.2	11.7	13.7	15.8	14.2	14.3	16.1	17.2	17.4	17.4	17.5	16.8	11.8	10.8	10.7	10.2	17.5	5.0	11.6
25	9.9	9.1	8.6	8.3	8.1	8.2	8.4	8.7	8.5	8.5	9.5	9.5	9.6	9.9	10.7	10.5	11.0	10.7	10.8	10.4	8.8	7.3	5.5	4.4	11.0	4.4	9.0
26	3.0	2.1	1.3	0.6	0.6	2.3	4.2	6.9	9.9	12.3	13.2	13.8	14.7	15.7	12.2	10.9	11.6	10.9	9.9	10.1	9.8	8.9	7.6	7.4	15.7	0.6	8.3
27	7.8	7.7	7.2	6.8	6.6	6.5	6.8	7.2	7.8	9.1	10.4	11.5	11.3	10.5	10.5	10.1	10.6	10.6	9.8	9.6	9.4	8.8	7.6	6.8	11.5	6.5	8.8
28	6.7	6.3	5.9	5.4	5.6	5.9	6.4	7.8	9.2	10.9	12.3	13.2	14.0	14.1	15.0	14.1	12.8	12.6	10.0	9.5	9.6	8.6	7.0	5.8	15.0	5.4	9.5
29	5.0	3.9	3.4	3.8	4.3	5.3	6.2	10.6	12.5	12.9	12.8	12.1	10.6	11.9	13.6	14.4	14.6	14.0	14.3	14.3	12.4	8.4	6.4	3.5	14.6	3.4	9.6
30	1.4	0.0	-1.0	-1.0	0.3	2.8	5.5	8.9	13.0	14.0	14.4	14.7	15.2	15.3	16.3	16.5	16.5	16.9	16.3	15.6	13.1	10.7	7.6	5.5	16.9	-1.0	9.9
31	5.5	1.1	0.0	-0.5	0.1	1.8	4.9	8.4	11.9	14.8	16.0	16.0	15.4	15.5	14.5	14.7	12.5	13.1	12.2	11.8	10.9	8.8	8.2	8.1	16.0	-0.5	9.4
Max	10.9	9.6	9.1	8.3	8.2	8.9	9.9	13.4	14.9	16.4	17.9	17.8	18.1	18.4	18.4	18.0	17.4	17.4	17.9	17.8	16.4	15.5	12.0	11.5	18.4		
Min	-6.6	-7.7	-8.5	-8.4	-8.2	-7.4	-5.6	-4.8	-4.3	-3.7	-2.8	-2.6	-1.9	-1.0	-0.4	0.3	-0.3	-1.0	-1.6	-2.0	-2.8	-3.8	-4.3	-5.4		-8.5	
Avg.	2.3	1.1	0.3	-0.1	0.0	1.0	2.7	5.3	7.7	9.1	10.1	10.6	10.9	11.2	11.2	11.3	11.3	11.3	10.9	10.3	9.1	7.2	5.2	3.5			6.8
																									Max Daily Mean		13.2
																									Min Daily Mean		-2.8

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	7.1	6.3	6.1	5.9	5.9	5.4	5.1	5.3	5.6	5.9	6.8	7.9	9.0	9.9	10.5	11.3	12.3	11.7	10.7	9.4	7.6	7.1	6.7	5.5	12.3	5.1	7.7
2	4.8	3.8	3.7	3.4	2.9	3.1	3.4	4.4	7.3	10.2	12.5	13.8	15.0	15.8	16.6	16.9	16.9	16.5	16.7	16.4	15.7	14.1	10.7	9.0	16.9	2.9	10.6
3	7.9	6.7	5.3	5.0	5.5	5.9	7.3	9.5	12.0	14.9	16.5	17.2	17.2	14.2	14.5	14.4	16.3	17.1	15.9	12.1	11.5	11.1	10.9	10.7	17.2	5.0	11.7
4	10.3	9.8	9.5	9.2	9.0	9.8	10.3	10.5	11.1	13.5	15.3	17.8	17.1	17.8	18.7	15.6	17.2	18.0	18.5	14.3	12.2	11.5	10.0	8.5	18.7	8.5	13.1
5	7.5	6.5	6.0	5.5	5.8	9.0	11.6	16.8	18.2	18.3	19.6	19.1	16.1	17.3	16.9	18.3	19.1	18.2	19.0	15.1	11.5	11.4	9.7	8.2	19.6	5.5	13.5
6	7.0	6.7	7.1	7.8	8.0	8.9	10.0	11.2	12.0	13.1	13.0	11.8	12.5	13.9	15.6	14.8	15.7	14.8	15.4	15.8	15.6	13.9	11.7	9.7	15.8	6.7	11.9
7	7.9	6.9	5.6	5.1	5.4	6.2	8.8	11.6	13.8	16.3	18.2	20.0	20.3	20.6	20.7	20.7	19.7	19.5	19.3	18.1	16.6	15.4	14.4	13.4	20.7	5.1	14.4
8	12.7	11.7	10.7	10.5	10.9	11.9	13.3	14.5	15.2	17.9	19.5	20.6	21.8	22.7	23.3	18.6	15.3	16.4	17.8	18.8	18.2	15.4	13.7	12.2	23.3	10.5	16.0
9	10.9	9.5	8.5	8.5	9.4	11.1	13.1	14.6	16.4	17.6	18.3	19.0	18.9	19.1	18.5	18.3	18.4	18.7	18.6	18.7	18.0	16.4	14.8	12.9	19.1	8.5	15.3
10	11.0	9.6	8.1	7.1	7.1	9.1	10.9	12.5	15.2	17.4	18.7	20.9	21.7	21.3	20.0	20.8	21.8	19.9	17.6	18.1	17.3	16.3	15.6	14.2	21.8	7.1	15.5
11	12.5	11.6	10.9	10.5	10.7	11.5	12.0	13.3	16.0	18.6	19.2	20.2	21.2	21.4	21.7	21.5	21.6	21.6	21.1	20.2	18.8	16.2	12.3	9.9	21.7	9.9	16.4
12	9.0	8.0	7.6	7.2	9.7	10.5	11.0	11.5	11.5	11.9	12.3	12.5	12.5	11.9	11.1	8.7	8.8	8.7	8.4	8.3	8.2	7.6	7.0	6.6	12.5	6.6	9.6
13	6.2	5.9	5.4	5.3	5.1	5.0	5.4	6.1	6.3	6.7	7.2	7.3	8.0	8.3	8.7	9.3	9.9	9.8	9.7	9.3	8.8	8.3	8.0	7.7	9.9	5.0	7.4
14	7.2	7.1	7.0	7.0	7.1	7.6	8.4	8.9	9.5	11.3	13.4	15.2	16.4	14.1	14.2	14.6	15.5	15.9	15.8	15.1	14.5	12.6	11.4	9.9	16.4	7.0	11.7
15	9.0	6.7	5.4	4.3	4.3	5.5	8.3	11.3	14.1	14.9	14.5	14.3	15.6	17.1	12.8	9.8	12.2	14.2	14.9	14.9	13.1	12.0	9.9	8.2	17.1	4.3	11.1
16	5.9	4.1	3.1	2.5	3.5	5.0	6.0	8.0	11.6	14.5	14.9	15.6	14.9	14.5	14.4	14.3	15.2	15.3	15.3	14.5	13.7	12.1	10.6	9.6	15.6	2.5	10.8
17	9.0	8.3	7.8	7.9	7.8	7.9	8.6	9.3	10.1	10.8	12.4	13.7	14.7	15.8	16.4	11.4	10.5	10.2	10.4	10.9	10.8	9.6	9.1	8.5	16.4	7.8	10.5
18	7.2	6.7	6.2	6.2	6.3	6.2	6.7	8.5	11.5	14.3	16.9	18.4	19.1	19.3	15.1	17.3	19.0	18.0	17.8	17.9	16.4	14.9	12.8	10.4	19.3	6.2	13.0
19	9.0	7.3	6.6	5.9	6.0	6.6	8.2	10.8	13.0	15.7	18.4	21.1	22.4	22.2	22.6	22.8	21.8	21.7	23.0	22.0	20.5	18.1	16.2	13.6	23.0	5.9	15.6
20	11.6	10.7	9.5	8.8	8.4	9.1	11.7	14.5	17.6	20.3	21.5	21.7	20.7	19.6	19.7	22.2	21.3	21.0	21.3	20.5	17.2	14.6	15.3	15.8	22.2	8.4	16.4
21	12.4	10.5	8.7	7.4	8.0	9.1	10.5	11.3	12.1	12.9	14.8	17.6	20.9	22.5	23.4	23.3	23.2	22.7	22.6	21.6	20.9	19.6	16.4	14.0	23.4	7.4	16.1
22	11.8	9.9	8.5	7.5	8.4	10.6	13.0	15.6	18.2	20.8	22.2	22.4	24.5	25.3	25.8	26.6	26.9	26.4	25.8	25.4	25.2	22.1	19.2	15.8	26.9	7.5	19.1
23	13.3	11.4	9.8	9.2	10.5	11.9	14.3	17.2	20.0	21.4	22.6	24.1	25.4	26.1	27.2	27.3	22.7	21.6	22.2	22.7	20.9	18.6	16.6	14.8	27.3	9.2	18.8
24	13.4	11.8	10.2	9.2	10.0	11.8	15.5	19.1	22.5	23.9	24.5	23.8	25.2	24.2	23.4	23.5	22.8	22.6	21.6	21.2	20.4	19.2	17.4	14.5	25.2	9.2	18.8
25	13.7	12.6	11.5	10.5	10.3	11.4	12.5	14.4	15.7	16.7	17.4	18.1	18.7	19.4	20.1	20.9	21.5	21.6	21.0	20.1	18.3	16.4	14.3	12.0	21.6	10.3	16.2
26	9.9	9.1	8.5	8.6	9.0	10.2	11.9	11.9	11.1	11.2	11.4	11.3	12.0	12.3	12.7	13.1	14.0	14.0	13.0	12.1	11.7	11.3	11.0	10.7	14.0	8.5	11.3
27	10.3	10.0	9.8	9.8	9.9	10.1	10.3	11.0	12.4	13.9	14.8	15.2	16.0	16.3	16.4	16.4	15.2	13.6	12.6	12.3	11.9	11.6	11.3	11.3	16.4	9.8	12.6
28	11.2	10.9	10.8	10.6	10.3	10.1	10.3	10.7	11.1	11.7	13.3	13.1	13.0	12.2	11.6	11.7	12.0	12.5	12.8	12.6	12.7	12.4	12.0	11.6	13.3	10.1	11.7
29	11.1	10.1	9.7	9.8	10.2	10.6	11.0	11.5	12.5	14.4	15.6	16.2	16.8	17.7	18.6	18.3	18.9	19.1	17.2	15.2	14.0	13.6	13.0	12.3	19.1	9.7	14.1
30	12.0	11.8	11.5	11.5	11.5	11.5	11.6	11.7	12.3	12.9	13.6	14.9	15.9	17.2	18.0	18.6	18.1	14.8	15.7	16.0	15.7	12.5	11.9	11.2	18.6	11.2	13.9
Max	13.7	12.6	11.5	11.5	11.5	11.9	15.5	19.1	22.5	23.9	24.5	24.1	25.4	26.1	27.2	27.3	26.9	26.4	25.8	25.4	25.2	22.1	19.2	15.8	27.3		
Min	4.8	3.8	3.1	2.5	2.9	3.1	3.4	4.4	5.6	5.9	6.8	7.3	8.0	8.3	8.7	8.7	8.8	8.7	8.4	8.3	7.6	7.1	6.7	5.5		2.5	
Avg.	9.8	8.7	8.0	7.6	7.9	8.8	10.0	11.6	13.2	14.8	16.0	16.8	17.5	17.7	17.6	17.4	17.5	17.2	17.1	16.3	15.3	13.9	12.5	11.1			13.5
																									Max Daily Mean		19.1
																									Min Daily Mean		7.4

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	11.0	10.9	10.9	10.9	10.8	11.0	11.4	12.2	12.9	14.2	16.0	17.6	16.8	14.1	14.0	15.6	16.6	18.1	16.5	13.7	12.4	12.3	12.0	11.5	18.1	10.8	13.5
2	11.3	11.0	10.9	11.0	10.9	11.3	12.2	13.1	13.7	14.6	15.7	17.0	18.5	17.9	19.1	18.2	19.3	16.1	13.1	13.9	14.0	13.2	12.2	11.1	19.3	10.9	14.1
3	10.4	10.0	9.6	9.7	10.1	10.7	11.1	11.3	12.5	12.6	13.3	14.4	15.7	14.8	15.5	15.6	14.9	14.4	13.8	13.6	13.8	13.0	12.6	12.0	15.7	9.6	12.7
4	11.4	11.1	10.1	9.6	9.8	9.9	10.1	10.1	10.1	10.1	10.6	11.1	11.3	11.7	11.8	11.7	12.2	12.4	13.1	13.2	11.6	10.2	8.4	6.8	13.2	6.8	10.8
5	5.3	4.2	3.6	3.3	4.2	5.7	7.6	9.8	12.7	15.5	17.1	17.8	17.0	13.9	15.1	16.7	17.1	18.1	15.6	16.2	15.8	13.1	11.4	9.6	18.1	3.3	11.9
6	7.9	6.5	5.9	5.1	5.3	6.7	9.4	11.9	15.2	15.8	18.4	18.6	19.1	19.5	20.1	20.5	20.2	16.3	16.3	15.1	15.0	14.2	12.7	10.8	20.5	5.1	13.6
7	9.4	9.0	8.0	7.2	7.3	8.9	11.0	13.8	17.4	18.8	19.6	20.0	20.3	21.0	21.1	20.8	20.6	19.4	19.4	17.0	14.5	13.5	12.2	12.0	21.1	7.2	15.1
8	11.5	10.6	9.5	8.5	9.3	9.9	11.3	11.7	13.2	14.6	14.8	15.5	15.9	17.0	17.2	17.0	17.6	17.9	17.5	16.9	15.4	11.7	8.5	6.1	17.9	6.1	13.3
9	3.9	2.3	1.0	0.4	0.6	2.4	5.1	8.3	11.7	14.6	16.3	17.6	18.3	17.8	17.0	16.4	14.9	16.4	16.6	16.4	15.3	14.7	12.6	10.9	18.3	0.4	11.3
10	9.8	8.1	7.6	7.4	7.8	7.8	8.2	11.5	11.7	11.2	11.1	11.1	11.1	11.1	11.7	12.2	11.3	10.7	11.0	10.7	10.4	9.9	9.8	9.4	12.2	7.4	10.1
11	9.1	9.0	8.9	9.5	8.9	8.8	8.9	9.5	9.8	10.9	12.0	13.3	14.8	16.1	17.0	17.7	17.8	18.6	18.7	18.6	15.8	13.4	10.6	8.3	18.7	8.3	12.8
12	6.6	4.9	3.6	3.0	3.8	5.6	8.0	11.4	14.2	16.0	17.8	18.8	19.9	20.2	20.4	21.4	21.2	20.6	19.3	18.8	17.4	16.3	14.2	12.5	21.4	3.0	14.0
13	11.3	10.6	10.2	9.8	9.6	9.6	10.3	11.8	13.9	15.4	16.3	17.0	17.2	18.2	18.5	18.1	17.4	17.0	16.7	16.8	16.1	15.4	13.7	12.4	18.5	9.6	14.3
14	11.5	9.2	8.2	7.0	7.0	7.1	9.6	11.4	13.9	15.7	16.6	18.2	18.7	18.7	19.4	19.7	20.0	19.9	20.0	19.8	18.4	15.8	14.2	12.8	20.0	7.0	14.7
15	11.6	10.9	9.8	9.4	9.2	9.5	10.8	12.6	14.6	16.2	16.9	18.1	18.4	18.1	18.0	17.5	17.3	16.9	15.3	14.2	12.5	11.7	10.9	10.6	18.4	9.2	13.8
16	10.6	10.2	10.4	10.5	10.3	10.1	10.3	10.3	10.4	10.7	10.8	10.9	11.1	10.8	10.8	10.7	10.7	10.8	11.0	11.1	10.8	10.4	10.0	9.7	11.1	9.7	10.6
17	9.6	9.5	9.1	8.6	8.6	9.0	10.1	11.8	12.8	13.1	13.4	12.9	13.3	14.1	14.9	15.1	15.5	15.8	15.5	14.8	13.7	12.0	10.5	10.1	15.8	8.6	12.2
18	9.3	8.0	7.7	7.3	7.2	7.7	8.3	9.3	10.4	11.8	12.8	13.0	13.6	13.9	14.3	14.6	14.7	14.9	14.9	13.7	13.1	12.5	10.7	10.3	14.9	7.2	11.4
19	10.1	9.7	9.5	9.4	9.4	9.4	9.7	10.0	10.5	10.9	11.3	11.5	11.7	12.0	12.7	13.6	14.0	13.7	13.4	12.7	12.2	11.7	11.3	11.1	14.0	9.4	11.3
20	10.9	10.6	10.7	10.9	11.0	10.5	10.4	10.6	11.1	12.1	12.8	13.6	14.6	15.5	17.0	18.2	19.0	19.6	19.6	18.8	16.9	15.6	14.4	13.3	19.6	10.4	14.1
21	12.9	12.5	12.2	11.9	12.2	12.4	13.0	13.9	14.6	15.7	17.2	18.4	18.7	19.2	19.3	19.4	18.4	18.4	18.2	16.6	14.9	14.2	13.5	13.1	19.4	11.9	15.5
22	12.7	12.4	11.8	11.8	11.3	11.8	13.0	15.0	16.0	18.0	19.4	20.1	21.0	21.5	21.3	21.3	22.2	22.3	22.1	21.9	20.7	17.3	14.5	13.1	22.3	11.3	17.2
23	12.6	12.0	11.8	11.6	11.4	12.0	14.3	15.0	15.3	15.1	15.2	16.0	16.7	17.3	17.7	19.0	18.8	18.7	17.8	17.1	15.9	14.6	13.0	11.6	19.0	11.4	15.0
24	10.9	10.7	10.6	10.6	10.8	11.4	12.3	13.0	13.9	14.1	14.5	14.1	14.1	14.5	15.1	15.3	15.6	15.9	16.8	16.3	15.4	13.7	12.5	12.1	16.8	10.6	13.5
25	11.4	10.8	10.6	10.3	10.1	10.3	10.7	11.3	12.5	13.6	15.2	16.8	17.8	18.1	18.8	19.2	19.6	20.4	20.6	20.2	17.8	15.0	12.2	10.0	20.6	10.0	14.7
26	8.2	7.0	5.9	5.4	6.1	7.1	9.2	11.6	14.8	18.1	20.9	22.1	22.8	23.5	24.3	25.1	25.5	25.6	25.5	24.5	20.3	17.0	14.0	12.0	25.6	5.4	16.5
27	10.1	8.6	8.5	8.5	9.6	10.4	11.4	13.5	14.2	17.9	20.0	21.3	22.5	23.2	23.9	24.5	24.6	24.9	24.5	22.9	20.7	17.8	15.8	13.3	24.9	8.5	17.2
28	11.4	10.0	8.8	8.0	7.4	8.2	10.0	12.7	15.7	18.8	21.3	22.5	23.4	24.9	25.5	25.4	26.6	26.5	26.0	25.7	23.4	19.6	17.3	15.8	26.6	7.4	18.1
29	14.2	12.6	11.6	10.4	9.9	11.0	12.9	14.0	15.6	17.4	20.3	22.0	22.7	23.8	22.3	22.6	23.7	23.3	22.8	22.1	20.4	18.8	17.4	14.3	23.8	9.9	17.8
30	12.6	12.1	11.5	9.5	8.5	9.1	9.9	12.1	15.2	16.8	18.3	19.4	20.2	20.6	21.3	21.7	21.4	20.4	18.8	17.6	16.1	14.0	11.1	9.6	21.7	8.5	15.3
31	9.6	7.3	6.6	5.2	5.7	6.2	7.0	8.0	10.0	12.8	15.2	16.3	17.5	17.6	18.1	18.7	19.3	19.0	18.3	17.7	16.6	13.1	10.7	9.4	19.3	5.2	12.7
Max	14.2	12.6	12.2	11.9	12.2	12.4	14.3	15.0	17.4	18.8	21.3	22.5	23.4	24.9	25.5	25.4	26.6	26.5	26.0	25.7	23.4	19.6	17.4	15.8	26.6		
Min	3.9	2.3	1.0	0.4	0.6	2.4	5.1	8.0	9.8	10.1	10.6	10.9	11.1	10.8	10.8	10.7	10.7	10.7	11.0	10.7	10.4	9.9	8.4	6.1		0.4	
Avg.	10.3	9.4	8.9	8.4	8.5	9.1	10.2	11.7	13.2	14.6	15.8	16.7	17.2	17.4	17.8	18.2	18.3	18.2	17.7	17.1	15.7	14.1	12.4	11.1			13.8
																									Max Daily Mean		18.1
																									Min Daily Mean		10.1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	9.5	9.8	9.1	7.9	7.2	7.2	9.0	11.9	15.6	17.5	18.7	19.6	19.0	18.6	19.4	18.9	20.2	19.8	19.5	18.6	17.6	16.9	13.9	12.2	20.2	7.2	14.9
2	10.6	9.8	9.7	9.3	9.1	8.7	9.4	10.5	12.0	13.8	15.5	17.8	17.9	17.8	17.7	17.4	17.0	16.0	14.9	13.4	12.3	10.3	9.4	9.0	17.9	8.7	12.9
3	8.8	8.7	8.3	7.9	7.7	8.0	8.5	8.7	9.6	10.2	10.2	10.6	10.5	10.1	10.5	11.8	11.8	11.2	11.4	11.7	11.4	10.7	9.7	9.7	11.8	7.7	9.9
4	9.2	8.5	7.4	5.8	5.5	5.6	6.7	8.0	9.1	11.4	13.4	14.3	15.0	15.8	15.4	15.3	14.3	13.4	12.4	12.3	11.7	10.1	9.3	8.6	15.8	5.5	10.8
5	8.1	7.1	6.5	6.2	5.8	5.8	6.5	8.0	10.2	11.5	13.3	14.5	15.5	16.7	17.7	17.6	13.6	13.8	15.6	15.5	14.1	11.0	8.9	7.5	17.7	5.8	11.3
6	6.2	5.2	4.1	3.8	3.1	3.4	5.3	7.0	8.5	10.3	12.6	13.9	14.9	16.3	17.7	18.0	18.2	18.6	17.4	16.4	15.0	13.4	11.1	9.9	18.6	3.1	11.3
7	8.7	7.7	7.4	6.4	5.8	5.7	7.6	9.1	12.2	15.6	18.3	19.3	20.3	20.0	19.9	18.8	18.5	17.3	16.3	14.4	13.0	11.6	11.7	11.8	20.3	5.7	13.2
8	11.5	11.2	10.2	8.4	7.5	7.7	8.4	9.4	10.6	12.0	13.1	13.9	15.1	16.0	16.8	17.2	17.3	17.0	16.7	16.3	15.8	14.7	13.3	12.2	17.3	7.5	13.0
9	10.7	9.3	9.0	8.9	8.9	9.0	9.6	10.9	12.6	13.5	14.5	15.8	16.3	17.1	18.3	19.2	18.8	18.7	18.3	17.3	13.0	10.3	7.6	5.4	19.2	5.4	13.0
10	4.1	3.0	1.8	0.9	0.4	0.4	1.7	4.3	7.6	11.1	14.1	17.0	18.8	19.3	19.5	20.2	20.2	20.2	19.5	18.0	14.6	11.9	9.1	7.0	20.2	0.4	11.0
11	5.3	3.8	2.7	1.9	1.2	1.5	2.8	5.3	8.8	12.3	15.6	18.9	20.0	20.4	21.1	21.3	20.8	20.5	20.0	18.6	16.3	14.1	12.7	11.8	21.3	1.2	12.4
12	11.3	10.7	10.1	9.6	9.1	9.1	9.8	11.2	12.7	14.4	16.4	19.1	20.4	19.8	20.1	19.8	18.6	14.9	15.1	14.5	13.3	12.3	10.5	9.4	20.4	9.1	13.8
13	8.8	8.5	8.0	7.9	7.6	7.7	9.1	10.6	12.4	14.6	17.1	19.1	20.0	19.4	19.8	20.9	21.6	22.3	21.8	18.6	15.6	12.8	9.8	7.9	22.3	7.6	14.2
14	7.3	6.0	5.6	5.0	4.2	3.9	4.3	6.5	11.0	14.6	18.3	21.0	22.7	23.7	24.2	24.5	24.5	24.5	22.5	19.3	15.6	12.8	10.9	9.2	24.5	3.9	14.3
15	7.3	5.8	4.7	4.0	3.2	3.1	4.2	6.9	11.4	14.2	17.3	20.9	22.2	22.6	22.7	23.1	23.0	22.9	21.0	20.4	17.1	15.7	15.2	14.2	23.1	3.1	14.3
16	13.4	12.7	12.0	11.3	10.3	10.1	11.1	12.3	13.7	15.6	17.0	18.2	19.0	19.7	20.4	20.5	20.2	20.6	19.9	18.0	17.7	16.3	13.5	12.0	20.6	10.1	15.6
17	10.6	10.5	9.3	8.6	8.3	8.1	8.5	9.0	10.3	12.5	13.9	14.6	15.1	15.5	16.0	16.0	16.2	15.9	15.4	15.1	11.5	8.9	7.7	5.7	16.2	5.7	11.8
18	4.4	2.9	1.7	1.0	0.1	-0.1	0.4	2.1	6.9	11.1	14.1	16.3	17.7	19.2	19.6	19.8	20.1	19.4	18.2	16.1	12.9	11.4	9.8	8.7	20.1	-0.1	10.6
19	9.0	8.6	8.2	7.9	7.6	6.1	5.4	5.8	10.2	14.0	16.4	18.4	19.6	20.0	20.2	20.4	20.5	20.1	19.6	18.1	15.0	10.5	9.1	7.6	20.5	5.4	13.3
20	6.3	6.0	5.8	6.1	5.4	4.5	5.3	6.4	7.5	8.8	10.7	13.8	16.3	17.4	17.7	17.6	17.6	17.7	16.1	15.1	13.8	12.4	12.0	11.1	17.7	4.5	11.3
21	10.8	10.9	10.2	9.6	9.2	8.6	8.8	9.0	9.6	10.5	11.1	11.5	11.9	12.5	12.7	12.9	13.0	13.7	13.0	12.0	8.9	6.7	4.8	2.9	13.7	2.9	10.2
22	1.5	0.3	-0.3	-1.0	-1.1	-1.4	-0.9	0.0	3.5	8.0	11.9	15.0	16.4	17.9	19.2	20.0	20.6	20.8	20.5	19.8	15.7	11.5	9.9	9.1	20.8	-1.4	9.9
23	7.9	7.4	6.2	5.3	3.8	3.5	2.9	4.1	8.2	14.1	18.1	19.0	19.2	19.7	19.6	19.7	19.7	19.2	17.9	16.8	12.9	9.8	8.3	8.1	19.7	2.9	12.1
24	7.1	5.7	3.9	3.1	3.3	3.4	3.9	4.6	6.9	11.2	14.5	15.9	16.7	17.5	18.0	18.1	17.4	16.8	15.2	13.7	12.4	10.9	9.9	9.2	18.1	3.1	10.8
25	8.4	7.1	6.2	6.0	5.6	6.2	6.7	7.2	8.2	10.1	11.3	11.1	11.9	11.8	11.7	13.6	13.7	14.2	13.5	12.7	11.6	9.9	9.0	8.4	14.2	5.6	9.8
26	8.2	7.9	7.2	7.1	6.4	6.3	6.4	6.7	7.3	8.3	9.3	10.8	11.9	12.8	13.7	12.9	12.2	12.1	11.2	10.2	9.6	9.1	9.0	9.0	13.7	6.3	9.4
27	8.8	8.6	8.5	8.6	8.6	8.5	8.8	9.3	10.2	10.5	10.9	11.5	11.9	11.9	11.3	10.7	10.3	9.2	8.0	6.3	6.1	6.0	6.2	6.1	11.9	6.0	9.0
28	5.7	5.2	5.1	4.9	4.8	4.2	4.1	4.6	5.7	6.8	6.9	7.9	8.3	8.7	9.4	9.9	10.1	10.4	9.1	7.0	4.1	2.6	1.0	-0.4	10.4	-0.4	6.1
29	-1.4	-1.9	-1.6	-1.5	-2.1	-2.5	-1.3	0.3	2.3	4.6	7.0	10.4	12.2	13.3	14.4	15.2	15.6	15.6	14.4	12.9	11.1	8.8	7.2	6.2	15.6	-2.5	6.6
30	4.8	4.1	4.2	5.0	5.5	5.3	5.7	6.9	8.0	9.4	12.7	15.5	18.7	20.5	21.2	21.4	21.4	21.3	18.7	14.1	11.1	9.6	9.5	9.0	21.4	4.1	11.8
31	9.0	6.8	6.8	7.7	11.6	11.6	10.6	9.1	9.8	10.5	11.6	12.8	13.7	14.2	14.6	15.3	15.8	15.4	13.9	11.6	9.7	8.4	7.4	7.4	15.8	6.8	11.1
Max	13.4	12.7	12.0	11.3	11.6	11.6	11.1	12.3	15.6	17.5	18.7	21.0	22.7	23.7	24.2	24.5	24.5	24.5	22.5	20.4	17.7	16.9	15.2	14.2	24.5		
Min	-1.4	-1.9	-1.6	-1.5	-2.1	-2.5	-1.3	0.0	2.3	4.6	6.9	7.9	8.3	8.7	9.4	9.9	10.1	9.2	8.0	6.3	4.1	2.6	1.0	-0.4		-2.5	
Avg.	7.8	7.0	6.4	5.9	5.6	5.5	6.1	7.3	9.4	11.7	13.7	15.4	16.4	17.0	17.4	17.7	17.5	17.2	16.4	15.0	12.9	11.0	9.6	8.6			11.6
																									Max Daily Mean		15.6
																									Min Daily Mean		6.1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 2m A (Deg C)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	8.2	8.4	7.9	7.7	7.8	7.6	7.6	8.0	8.5	9.5	10.5	11.1	11.9	12.5	11.9	11.6	11.6	12.0	11.7	11.0	10.4	10.1	9.7	9.4	12.5	7.6	9.9
2	9.0	8.4	7.8	7.7	7.6	7.3	7.6	8.2	9.1	10.0	11.7	13.0	14.5	15.5	15.9	16.2	16.2	16.0	15.5	13.6	10.1	6.9	6.0	4.2	16.2	4.2	10.8
3	2.9	1.9	1.1	1.6	1.9	2.7	3.6	5.1	6.8	9.2	10.4	11.8	13.0	12.9	14.0	14.8	14.6	14.4	12.3	11.3	10.4	9.3	9.4	8.8	14.8	1.1	8.5
4	8.7	8.6	7.8	7.6	7.4	6.9	6.3	6.3	7.8	9.3	10.9	12.7	14.8	16.2	16.9	16.3	15.7	14.8	13.3	12.8	10.9	10.8	8.6	7.1	16.9	6.3	10.8
5	6.4	6.1	4.9	3.7	3.1	4.6	4.4	5.0	9.9	13.7	14.6	14.7	15.3	15.5	15.0	14.5	14.1	13.9	13.2	12.5	11.8	11.5	10.5	8.3	15.5	3.1	10.3
6	6.4	5.7	4.3	4.2	2.9	2.1	2.2	3.4	4.6	5.9	7.3	8.3	9.1	10.1	10.1	7.5	8.2	7.8	7.4	5.9	5.8	5.5	5.0	4.6	10.1	2.1	6.0
7	4.5	4.3	3.9	4.0	3.5	2.8	2.6	3.1	3.6	4.9	5.8	6.6	7.6	8.6	9.2	8.9	9.6	9.5	7.1	3.7	2.1	0.2	-1.1	-1.8	9.6	-1.8	4.7
8	-2.0	-2.3	-1.9	-1.6	-1.3	-0.9	-0.8	-1.5	-0.8	2.0	6.0	8.8	9.4	9.9	10.1	8.6	8.1	6.8	4.5	3.7	2.2	0.2	-1.1	-1.8	10.1	-2.3	2.7
9	-2.4	-2.8	-3.4	-3.5	-3.4	-3.1	-2.2	0.8	3.1	5.9	7.4	8.2	9.0	9.4	9.5	9.1	8.9	8.3	6.6	3.3	0.7	-0.9	-1.5	-0.8	9.5	-3.5	2.8
10	-0.7	-0.5	-0.3	-0.1	2.0	1.6	0.0	0.6	2.3	3.6	4.0	4.6	4.9	5.9	6.4	6.2	6.0	5.9	5.1	2.4	2.9	4.3	3.0	0.5	6.4	-0.7	2.9
11	-0.3	-1.3	-2.2	-2.6	-3.3	-3.2	-3.3	-3.4	-0.7	2.5	4.4	6.4	7.7	8.7	9.3	9.1	9.0	9.0	8.5	7.2	6.8	5.1	2.9	0.3	9.3	-3.4	3.2
12	-0.8	-1.6	-2.4	-3.3	-3.3	-2.4	-2.0	-1.4	0.0	3.5	6.9	8.3	9.3	9.9	10.3	10.5	10.6	10.4	8.7	5.3	3.8	2.2	2.0	0.7	10.6	-3.3	3.6
13	0.4	0.7	0.5	0.1	0.1	0.2	0.2	1.1	2.1	2.9	4.2	5.4	6.5	7.2	7.7	8.0	7.9	7.4	6.6	4.4	4.2	2.7	0.3	-1.1	8.0	-1.1	3.3
14	-2.7	-3.0	-2.7	-2.6	-2.6	-1.9	-1.2	-0.5	0.4	1.6	3.4	5.4	6.7	7.4	7.9	8.7	9.1	9.1	6.9	4.6	3.5	1.7	0.7	0.7	9.1	-3.0	2.5
15	0.4	0.6	0.5	0.5	0.1	0.9	1.4	2.0	3.0	4.8	7.3	9.5	11.4	13.0	13.6	13.9	13.4	12.9	12.6	11.7	11.8	11.5	11.7	10.6	13.9	0.1	7.5
16	10.5	10.6	9.8	11.4	11.4	11.0	9.1	8.2	9.2	12.2	12.6	15.0	16.4	17.2	18.8	18.3	17.7	17.2	16.6	15.7	14.7	14.6	13.3	12.4	18.8	8.2	13.5
17	11.0	10.5	10.9	11.2	9.7	6.0	4.2	7.9	10.2	11.3	11.5	11.8	11.7	12.0	12.2	10.9	10.8	11.1	9.2	6.3	3.8	1.7	0.4	-1.2	12.2	-1.2	8.5
18	-2.3	-2.9	-3.4	-3.1	-3.6	-3.2	-3.4	-2.7	-1.0	1.5	4.3	6.6	8.1	9.2	10.1	10.8	10.0	8.1	7.3	5.0	3.5	1.2	0.6	-0.2	10.8	-3.6	2.5
19	-1.3	-1.6	-1.7	-1.5	-0.8	0.0	0.6	2.5	3.2	7.2	11.1	12.4	14.7	16.8	17.3	17.8	17.2	17.7	17.7	15.5	14.3	13.1	11.8	11.4	17.8	-1.7	9.0
20	10.0	9.9	9.2	8.8	8.4	8.1	7.6	8.0	8.4	9.3	10.5	11.1	11.3	12.1	12.7	13.5	14.7	15.1	14.2	12.8	11.7	10.3	8.9	7.9	15.1	7.6	10.6
21	6.7	5.8	5.2	5.3	5.5	6.5	11.1	10.4	11.1	11.6	13.5	14.9	15.7	15.9	16.3	17.0	16.7	15.1	12.1	9.4	8.4	7.3	7.1	9.7	17.0	5.2	10.8
22	8.3	6.0	5.3	5.6	5.6	5.3	5.4	6.5	14.0	17.0	17.4	18.3	19.3	19.8	20.5	20.7	19.7	17.1	14.4	14.8	12.9	12.3	12.7	12.1	20.7	5.3	13.0
23	11.1	10.3	9.7	8.0	7.6	6.0	5.1	4.3	4.1	6.9	11.7	15.0	17.4	17.4	17.1	16.4	15.8	15.0	13.0	12.3	9.6	7.7	7.2	8.9	17.4	4.1	10.7
24	7.6	5.7	4.9	4.5	4.0	4.0	3.6	3.2	3.3	4.1	4.5	4.9	5.8	6.9	8.3	9.1	9.9	7.7	4.5	2.6	0.6	-0.7	-1.7	-2.4	9.9	-2.4	4.4
25	-2.5	-2.6	-2.9	-2.8	-2.4	-2.2	-1.7	-1.2	-0.2	0.3	2.1	5.8	10.0	14.0	14.4	14.3	13.4	12.2	7.7	9.0	10.2	9.9	9.8	10.1	14.4	-2.9	5.2
26	10.1	10.1	9.4	8.5	8.5	8.0	6.4	6.1	6.1	6.6	7.7	9.9	12.1	13.6	14.2	14.6	14.5	11.9	6.6	3.8	3.2	9.4	7.7	8.0	14.6	3.2	9.0
27	8.4	8.3	7.9	7.0	7.6	6.8	4.6	3.8	4.4	4.9	5.2	6.1	6.8	7.7	8.7	9.6	10.4	9.2	5.0	2.8	0.5	-0.7	-1.7	-2.0	10.4	-2.0	5.5
28	-2.4	-1.8	-0.6	0.6	0.1	0.7	0.8	1.0	2.2	2.9	4.2	6.7	9.0	10.9	11.4	11.4	10.5	8.0	6.0	4.5	3.1	1.5	0.8	-0.5	11.4	-2.4	3.8
29	-0.9	-0.8	-1.4	-2.1	-2.5	-3.2	-3.4	-3.2	-2.0	-0.6	1.0	4.6	7.6	9.7	9.7	9.1	8.1	6.5	3.7	1.0	-0.5	-0.9	0.4	0.4	9.7	-3.4	1.7
30	-0.2	0.1	0.0	0.2	0.4	0.1	-0.2	-0.1	0.5	1.1	1.3	1.6	1.8	2.1	2.5	2.7	2.7	2.4	2.1	1.6	0.8	-0.1	-0.2	-0.3	2.7	-0.3	1.0
Max	11.1	10.6	10.9	11.4	11.4	11.0	11.1	10.4	14.0	17.0	17.4	18.3	19.3	19.8	20.5	20.7	19.7	17.7	17.7	15.7	14.7	14.6	13.3	12.4	20.7		
Min	-2.7	-3.0	-3.4	-3.5	-3.6	-3.2	-3.4	-3.4	-2.0	-0.6	1.0	1.6	1.8	2.1	2.5	2.7	2.7	2.4	2.1	1.0	-0.5	-0.9	-1.7	-2.4		-3.6	
Avg.	3.7	3.4	2.9	2.8	2.7	2.6	2.5	3.1	4.4	6.2	7.8	9.3	10.6	11.6	12.1	12.0	11.8	11.1	9.3	7.7	6.5	5.6	4.8	4.1			6.6
																									Max Daily Mean		13.5
																									Min Daily Mean		1.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-0.6	-0.2	-0.5	-1.2	-1.7	-2.0	-2.1	-1.5	-0.6	0.2	1.4	2.8	5.5	6.9	7.8	7.7	7.1	5.8	4.5	2.9	2.1	3.0	5.0	5.4	7.8	-2.1	2.4
2	6.5	5.5	5.6	7.4	7.3	6.8	5.7	6.3	6.3	6.9	7.6	8.7	9.6	10.1	10.4	9.8	9.8	9.5	6.8	4.7	3.0	1.9	1.0	5.8	10.4	1.0	6.8
3	6.5	2.8	1.3	0.3	-0.7	-0.5	-0.3	0.0	0.7	2.1	6.2	7.2	8.4	9.2	OutCal	OutCal	OutCal	OutCal	2.9	0.9	-0.2	-1.5	-2.4	-2.3	9.2	-2.4	2.0
4	-2.3	-2.0	-1.6	-1.6	-1.4	-1.4	-1.6	-2.0	-1.5	-0.4	1.4	2.7	4.5	5.7	6.7	6.9	6.2	4.1	1.6	0.4	-0.7	-1.1	-1.2	-1.0	6.9	-2.3	0.9
5	-0.8	-0.6	-0.7	-0.9	-2.0	-2.3	-2.7	-3.1	-3.1	-2.3	-0.2	2.7	5.6	7.4	8.0	8.0	7.6	6.8	3.4	1.7	0.6	-0.4	-1.3	-1.9	8.0	-3.1	1.2
6	-1.9	-2.1	-2.1	-1.9	-2.4	-2.6	-2.7	-2.7	-2.7	-1.4	1.0	4.2	7.3	8.8	7.8	7.4	6.1	4.5	3.5	2.5	1.4	0.0	-0.2	-0.9	8.8	-2.7	1.3
7	-1.3	-2.3	-2.9	-3.2	-3.9	-4.7	-5.2	-5.7	-5.5	-3.8	-2.3	-0.1	2.1	3.7	4.1	4.8	4.6	3.4	1.5	-0.5	-1.3	-2.2	-2.7	-3.0	4.8	-5.7	-1.1
8	-3.2	-2.9	-2.6	-2.3	-2.5	-2.5	-2.0	-1.8	-1.1	0.5	2.1	3.5	4.2	5.0	5.7	6.0	5.8	4.4	3.1	2.0	1.3	2.7	1.9	1.0	6.0	-3.2	1.2
9	0.3	-0.6	-0.8	-0.6	-1.0	-1.5	-2.1	-1.9	-1.7	-1.3	-1.1	0.5	3.0	4.9	5.5	5.8	5.7	3.5	1.6	-0.6	-2.1	-3.1	-4.2	-4.6	5.8	-4.6	0.2
10	-5.0	-5.7	-6.5	-6.9	-6.8	-6.9	-6.9	-6.9	-6.4	-5.1	-3.9	-2.7	-1.4	-0.4	0.4	0.7	0.7	0.4	0.2	0.1	-0.2	-0.4	-0.6	-0.7	0.7	-6.9	-3.0
11	-0.8	-0.9	-0.9	-1.1	-1.7	-2.0	-2.1	-2.3	-2.4	-2.1	-1.1	0.0	1.0	1.3	1.7	1.8	1.5	0.8	0.0	-0.4	-0.8	-1.5	-2.3	-3.0	1.8	-3.0	-0.7
12	-3.5	-4.3	-4.5	-4.4	-4.4	-4.5	-4.6	-4.8	-5.0	-5.2	-5.1	-3.6	-1.5	-0.7	-0.8	-0.6	-1.1	-2.0	-4.5	-6.2	-6.8	-7.0	-6.9	-7.3	-0.6	-7.3	-4.1
13	-8.5	-9.6	-10.8	-11.4	-10.8	-9.6	-9.1	-9.0	-8.9	-8.0	-6.8	-5.1	-3.8	-2.8	-2.0	-1.4	-1.3	-1.9	-2.1	-2.4	-3.5	-4.6	-5.5	-5.7	-1.3	-11.4	-6.0
14	-4.9	-4.8	-4.7	-4.7	-4.6	-4.5	-4.1	-2.6	-1.9	0.1	1.5	2.4	3.4	4.0	4.0	4.2	4.4	2.0	1.2	1.9	1.6	0.8	0.5	0.7	4.4	-4.9	-0.2
15	0.8	1.2	0.9	1.2	0.9	0.4	0.1	-0.7	-0.3	1.5	3.8	3.4	3.9	4.9	6.1	5.4	4.5	2.7	1.2	-0.2	-1.5	-2.2	-2.2	-3.0	6.1	-3.0	1.4
16	-3.4	-3.5	-3.1	-2.5	-3.2	-4.1	-5.1	-5.3	-4.8	-4.0	-2.8	-1.4	1.0	2.1	2.8	2.1	1.4	0.1	-1.2	-2.0	-2.5	-2.9	-3.4	-3.4	2.8	-5.3	-2.0
17	-3.8	-4.4	-4.2	-3.9	-3.5	-3.3	-3.5	-3.3	-2.9	-2.1	-1.3	-0.5	0.3	0.8	1.2	1.5	1.4	0.8	0.2	-0.7	-1.6	-1.9	-2.1	-2.3	1.5	-4.4	-1.6
18	-2.3	-2.8	-3.5	-3.8	-3.8	-3.9	-4.4	-5.0	-5.1	-4.6	-3.8	-2.5	-1.1	0.2	0.4	0.0	-0.3	-0.6	-0.9	-1.2	-1.5	-1.9	-2.2	-2.5	0.4	-5.1	-2.4
19	-2.7	-2.7	-2.8	-3.2	-3.8	-4.7	-4.9	-5.2	-5.6	-5.4	-4.7	-4.0	-3.3	-2.5	-2.1	-2.1	-2.6	-3.3	-4.2	-5.1	-5.8	-7.0	-8.3	-9.6	-2.1	-9.6	-4.4
20	-10.6	-11.2	-10.3	-9.4	-9.3	-8.7	-9.0	-9.3	-9.2	-8.7	-7.3	-5.6	-3.2	-1.7	-1.1	-1.1	-1.5	-2.1	-3.1	-4.5	-6.3	-7.1	-7.8	-8.4	-1.1	-11.2	-6.5
21	-8.8	-9.4	-9.5	-9.4	-10.0	-10.3	-10.4	-10.8	-10.9	-9.9	-8.1	-5.7	-3.7	-2.2	-0.6	0.3	-0.4	-1.2	-2.6	-4.1	-5.0	-5.7	-6.4	-7.0	0.3	-10.9	-6.3
22	-7.5	-7.9	-8.6	-9.0	-8.8	-9.2	-9.2	-9.5	-9.8	-9.7	-8.8	-6.9	-4.8	-3.0	-1.9	-2.6	-4.3	-6.7	-8.1	-9.6	-10.8	-11.6	-12.6	-12.9	-1.9	-12.9	-8.1
23	-12.9	-13.5	-12.8	-12.3	-12.4	-12.4	-12.2	-11.8	-11.3	-10.6	-9.4	-8.1	-6.8	-5.6	-4.6	-4.1	-3.8	-4.0	-4.4	-4.7	-5.1	-5.0	-5.3	-5.5	-3.8	-13.5	-8.3
24	-5.5	-6.1	-7.2	-7.4	-7.3	-6.8	-7.1	-7.5	-7.4	-7.1	-6.5	-5.6	-4.1	-2.9	-2.6	-2.4	-2.4	-2.3	-2.3	-2.1	-1.9	-1.7	-1.5	-2.5	-1.5	-7.5	-4.6
25	-3.1	-3.5	-3.1	-2.9	-2.7	-3.4	-3.4	-3.8	-3.2	-1.7	1.5	5.3	6.3	6.4	6.0	5.1	3.8	3.3	3.0	3.1	3.1	2.8	1.5	0.6	6.4	-3.8	0.9
26	0.0	-0.8	-0.6	-1.9	-3.3	-2.9	0.1	-0.7	-0.4	-0.3	-0.4	-0.9	-0.9	-0.6	-0.8	-1.2	-2.3	-2.5	-3.3	-4.1	-5.3	-5.7	-5.9	-5.8	0.1	-5.9	-2.1
27	-6.1	-6.2	-6.4	-6.8	-7.3	-8.8	-10.6	-10.4	-10.8	-10.8	-10.7	-9.6	-8.2	-7.0	-5.9	-5.6	-6.4	-7.8	-8.8	-9.1	-9.8	-10.2	-10.9	-11.1	-5.6	-11.1	-8.6
28	-11.4	-11.7	-12.1	-12.2	-12.5	-12.8	-12.1	-12.4	-12.4	-12.4	-11.3	-8.8	-6.3	-4.2	-2.9	-2.8	-3.7	-4.7	-5.3	-7.9	-7.5	-6.6	-6.1	-6.6	-2.8	-12.8	-8.6
29	-8.0	-8.3	-8.8	-9.3	-9.5	-10.0	-9.9	-9.8	-9.7	-9.1	-7.8	-5.7	-2.5	0.2	0.6	0.4	-0.6	-3.0	-5.7	-6.7	-8.0	-10.6	-12.3	-13.2	0.6	-13.2	-7.0
30	-13.7	-13.4	-12.5	-11.4	-10.8	-9.9	-9.0	-8.5	-8.6	-8.8	-8.7	-8.2	-7.8	-7.3	-7.5	-7.6	-7.8	-9.1	-10.5	-10.7	-11.2	-11.7	-11.9	-12.3	-7.3	-13.7	-10.0
31	-12.3	-12.0	-11.9	-11.8	-11.9	-13.1	-14.8	-16.4	-17.5	-17.9	-17.6	-15.2	-13.7	-13.3	-12.6	-13.1	-14.6	-15.9	-17.1	-17.6	-18.7	-19.4	-20.2	-20.2	-11.8	-20.2	-15.4
Max	6.5	5.5	5.6	7.4	7.3	6.8	5.7	6.3	6.3	6.9	7.6	8.7	9.6	10.1	10.4	9.8	9.8	9.5	6.8	4.7	3.1	3.0	5.0	5.8	10.4		
Min	-13.7	-13.5	-12.8	-12.3	-12.5	-13.1	-14.8	-16.4	-17.5	-17.9	-17.6	-15.2	-13.7	-13.3	-12.6	-13.1	-14.6	-15.9	-17.1	-17.6	-18.7	-19.4	-20.2	-20.2		-20.2	
Avg.	-4.2	-4.6	-4.8	-4.8	-5.0	-5.2	-5.3	-5.4	-5.3	-4.6	-3.3	-1.8	-0.2	0.9	1.1	1.1	0.6	-0.5	-1.6	-2.6	-3.4	-3.9	-4.4	-4.6			-3.0
																									Max Daily Mean		6.8
																									Min Daily Mean		-15.4

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-20.5	-21.0	-21.3	-22.1	-22.0	-21.5	-21.1	-20.9	-20.4	-19.6	-19.0	-18.0	-17.1	-16.3	-15.8	-16.1	-17.5	-19.1	-20.2	-20.6	-21.2	-22.2	-23.1	-23.9	-15.8	-23.9	-20.0
2	-24.7	-25.2	-25.6	-25.9	-26.0	-26.0	-25.5	-25.2	-25.0	-25.1	-24.7	-23.9	-22.1	-20.2	-19.3	-19.2	-20.8	-21.9	-22.8	-23.6	-24.0	-23.5	-23.1	-23.4	-19.2	-26.0	-23.6
3	-23.7	-23.1	-23.2	-22.8	-22.7	-22.5	-22.0	-21.8	-21.8	-20.8	-19.2	-14.3	-8.1	-6.9	-6.4	-6.5	-6.7	-6.3	-5.9	-5.8	-6.0	-5.8	-6.0	-5.9	-5.8	-23.7	-13.9
4	-5.7	-5.6	-5.8	-5.8	-5.6	-5.3	-5.4	-5.5	-5.5	-5.6	-5.7	-5.6	-5.5	-5.1	-4.9	-4.9	-5.0	-5.3	-6.2	-5.8	-5.5	-6.3	-7.0	-7.6	-4.9	-7.6	-5.7
5	-8.2	-8.9	-9.4	-9.7	-9.9	-10.4	-11.7	-13.1	-13.8	-15.3	-16.1	-16.1	-14.9	-13.9	-13.3	-14.1	-16.1	-17.7	-18.7	-17.8	-16.8	-17.0	-16.3	-14.6	-8.2	-18.7	-13.9
6	-12.6	-10.4	-8.4	-8.2	-7.7	-7.5	-7.4	-7.6	-7.9	-9.6	-9.4	-7.8	-6.3	-6.3	-6.1	-6.6	-7.1	-8.2	-9.4	-9.4	-9.3	-9.2	-9.0	-9.4	-6.1	-12.6	-8.4
7	-9.6	-10.7	-12.1	-13.0	-12.3	-10.0	-9.7	-10.3	-10.7	-10.8	-10.9	-11.0	-11.1	-11.0	-11.0	-11.1	-11.5	-11.8	-11.9	-11.9	-12.3	-13.5	-15.3	-14.8	-9.6	-15.3	-11.6
8	-14.3	-14.0	-14.1	-14.4	-14.5	-14.8	-14.9	-15.0	-16.3	-17.1	-16.6	-15.7	-14.9	-14.5	-14.4	-15.9	-17.5	-19.4	-21.1	-22.0	-22.4	-21.9	-22.2	-22.5	-14.0	-22.5	-17.1
9	-22.7	-22.9	-23.1	-22.4	-21.9	-21.3	-19.8	-18.9	-17.9	-18.0	-17.7	-16.9	-16.1	-14.3	-13.1	-12.9	-12.8	-12.9	-13.3	-13.3	-13.0	-12.6	-12.4	-12.2	-12.2	-23.1	-16.8
10	-12.3	-12.1	-11.9	-12.0	-12.0	-11.9	-12.3	-13.3	-13.9	-14.4	-13.6	-12.5	-11.7	-11.2	-10.8	-10.7	-10.6	-10.6	-10.6	-10.5	-10.4	-10.3	-10.3	-10.3	-10.3	-14.4	-11.7
11	-10.1	-10.1	-10.8	-11.0	-11.2	-11.4	-11.7	-11.4	-11.2	-11.4	-11.8	-11.9	-10.9	-10.6	-9.2	-6.9	-7.4	-7.8	-7.8	-8.1	-8.0	-7.9	-8.1	-8.0	-6.9	-11.9	-9.8
12	-7.8	-7.7	-8.0	-7.9	-9.0	-11.1	-11.7	-12.4	-13.4	-13.9	-13.1	-11.4	-10.4	-10.0	-10.2	-10.0	-10.3	-10.6	-10.8	-10.9	-11.1	-11.1	-11.1	-11.5	-7.7	-13.9	-10.6
13	-11.4	-11.7	-11.6	-11.8	-11.6	-11.4	-10.9	-10.5	-10.2	-8.7	-7.6	-7.4	-7.6	-7.8	-7.9	-8.1	-8.4	-8.5	-8.9	-9.0	-9.0	-9.8	-9.5	-9.6	-7.4	-11.8	-9.5
14	-9.8	-10.4	-11.3	-12.3	-13.2	-14.3	-17.0	-19.2	-20.6	-21.2	-20.6	-19.5	-19.0	-18.7	-19.4	-21.0	-22.9	-23.8	-24.0	-24.6	-24.6	-23.5	-22.5	-22.2	-9.8	-24.6	-19.0
15	-22.3	-22.8	-23.9	-25.5	-26.3	-27.5	-28.2	-28.1	-28.3	-28.2	-27.7	-27.2	-26.4	-26.3	-26.2	-27.4	-28.6	-30.0	-31.4	-32.5	-33.6	-34.4	-35.3	-35.9	-22.3	-35.9	-28.5
16	-35.9	-36.5	-36.7	-37.3	-37.3	-37.8	-36.8	-36.1	-35.5	-34.5	-33.8	-32.9	-31.7	-30.8	-30.0	-29.7	-29.7	-30.1	-30.8	-31.5	-32.3	-33.0	-33.1	-32.4	-29.7	-37.8	-33.6
17	-32.0	-31.6	-31.1	-30.7	-30.5	-30.2	-29.9	-29.9	-30.3	-31.0	-30.8	-29.9	-29.2	-28.5	-28.0	-27.8	-28.2	-29.2	-30.4	-31.5	-32.4	-32.6	-32.5	-33.2	-27.8	-33.2	-30.5
18	-33.4	-33.5	-33.4	-34.2	-33.4	-30.8	-30.3	-28.6	-27.6	-27.2	-27.6	-27.4	-28.4	-27.0	-26.8	-28.6	-29.9	-31.0	-32.2	-33.0	-33.3	-34.1	-34.2	-34.7	-26.8	-34.7	-30.9
19	-35.6	-35.2	-35.9	-34.7	-34.6	-35.2	-34.9	-34.3	-35.7	-35.6	-35.6	-34.1	-33.2	-31.7	-30.7	-29.5	-27.6	-27.0	-26.2	-25.8	-25.5	-25.2	-25.1	-24.9	-24.9	-35.9	-31.4
20	-24.7	-24.4	-24.7	-24.7	-25.0	-25.3	-25.5	-25.8	-26.1	-26.1	-26.4	-28.0	-29.5	-29.5	-30.3	-31.6	-32.9	-33.6	-34.2	-35.3	-36.0	-36.8	-37.2	-37.7	-24.4	-37.7	-29.6
21	-38.1	-38.4	-38.4	-38.9	-39.2	-39.6	-39.4	-40.1	-39.1	-36.7	-35.4	-34.5	-34.2	-34.2	-34.6	-35.7	-36.2	-36.9	-37.2	-37.9	-38.3	-38.3	-37.9	-37.8	-34.2	-40.1	-37.4
22	-37.4	-36.6	-35.4	-34.3	-33.4	-32.8	-32.4	-31.9	-31.5	-30.4	-29.9	-29.6	-28.5	-27.1	-26.2	-25.7	-25.3	-24.5	-23.9	-23.3	-22.5	-22.7	-22.9	-22.1	-22.1	-37.4	-28.8
23	-21.4	-20.9	-20.5	-20.0	-19.5	-19.3	-19.6	-20.6	-20.5	-20.0	-19.6	-19.0	-19.0	-20.0	-21.6	-23.5	-25.3	-26.7	-27.5	-28.5	-29.2	-29.8	-30.2	-29.0	-19.0	-30.2	-23.0
24	-28.2	-27.8	-28.6	-29.8	-30.5	-31.0	-31.2	-32.0	-31.6	-31.2	-30.9	-30.3	-29.7	-28.5	-28.2	-26.8	-25.7	-24.8	-24.4	-24.4	-24.4	-23.9	-23.7	-23.2	-23.2	-32.0	-28.0
25	-22.8	-22.6	-22.3	-22.2	-22.1	-22.2	-22.6	-23.8	-25.4	-26.9	-27.8	-28.1	-28.0	-27.4	-27.7	-27.6	-28.3	-27.7	-26.8	-25.9	-25.3	-25.2	-25.5	-26.4	-22.1	-28.3	-25.4
26	-27.6	-28.8	-30.1	-31.1	-32.0	-32.5	-33.1	-33.3	-33.8	-34.1	-34.2	-33.7	-33.4	-33.2	-33.0	-33.3	-33.8	-34.3	-34.5	-34.4	-34.9	-34.7	-34.8	-34.2	-27.6	-34.9	-33.0
27	-33.9	-33.9	-34.2	-33.5	-34.3	-33.5	-33.7	-32.4	-32.6	-32.4	-31.1	-28.8	-26.8	-25.4	-24.3	-23.1	-22.8	-22.4	-22.1	-22.0	-21.4	-21.1	-20.1	-18.6	-18.6	-34.3	-27.7
28	-17.7	-17.4	-18.0	-18.6	-18.4	-19.0	-19.2	-18.8	-18.8	-19.3	-23.0	-24.5	-24.9	-25.5	-26.1	-26.7	-27.6	-28.2	-28.0	-29.0	-28.8	-29.0	-28.9	-29.1	-17.4	-29.1	-23.5
29	-28.9	-28.0	-27.8	-27.1	-26.4	-25.3	-24.0	-23.2	-22.6	-21.9	-21.2	-20.5	-20.1	-20.1	-20.5	-20.6	-22.1	-21.1	-21.3	-20.8	-20.3	-19.2	-17.9	-16.5	-16.5	-28.9	-22.4
30	-14.8	-13.1	-11.3	-10.2	-9.8	-10.9	-11.3	-11.9	-13.3	-14.0	-14.2	-13.3	-10.5	-10.2	-10.5	-10.9	-10.3	-9.7	-9.4	-9.3	-9.0	-8.2	-7.2	-6.5	-6.5	-14.8	-10.8
Max	-5.7	-5.6	-5.8	-5.8	-5.6	-5.3	-5.4	-5.5	-5.5	-5.6	-5.7	-5.6	-5.5	-5.1	-4.9	-4.9	-5.0	-5.3	-5.9	-5.8	-5.5	-5.8	-6.0	-5.9	-4.9		
Min	-38.1	-38.4	-38.4	-38.9	-39.2	-39.6	-39.4	-40.1	-39.1	-36.7	-35.6	-34.5	-34.2	-34.2	-34.6	-35.7	-36.2	-36.9	-37.2	-37.9	-38.3	-38.3	-37.9	-37.8		-40.1	
Avg.	-21.6	-21.5	-21.6	-21.7	-21.7	-21.7	-21.8	-21.9	-22.0	-22.0	-21.8	-21.1	-20.3	-19.7	-19.6	-19.8	-20.3	-20.7	-21.1	-21.3	-21.4	-21.4	-21.4	-21.3			-21.2
																									Max Daily Mean		-5.7
																									Min Daily Mean		-37.4

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-5.8	-5.4	-5.4	-5.4	-5.6	-6.3	-7.7	-7.7	-7.4	-7.8	-8.4	-9.0	-8.4	-8.0	-7.9	-8.0	-8.4	-8.6	-8.4	-8.8	-9.3	-10.3	-10.9	-11.0	-5.4	-11.0	-7.9
2	-9.8	-9.5	-9.7	-9.9	-9.5	-8.8	-8.2	-8.1	-7.9	-7.7	-7.5	-7.7	-7.9	-7.7	-8.9	-6.5	-3.0	-3.2	-3.6	-4.0	-4.8	-5.8	-7.1	-7.1	-3.0	-9.9	-7.2
3	-6.5	-6.9	-7.2	-8.2	-8.7	-11.1	-10.5	-10.2	-10.6	-10.9	-10.4	-10.1	-8.6	-7.0	-5.8	-4.8	-3.6	-3.4	-3.0	-2.5	-2.2	-1.8	-2.0	-2.5	-1.8	-11.1	-6.6
4	-2.3	-1.8	-1.7	-1.3	-0.8	1.8	4.4	5.4	3.8	4.7	6.9	6.6	8.8	8.2	7.0	3.6	0.1	-1.6	-1.9	-2.2	-2.4	-2.3	-2.2	-2.3	8.8	-2.4	1.6
5	-2.4	-2.5	-4.5	-5.7	-6.7	-7.0	-6.8	-6.8	-7.0	-7.2	-7.5	-7.5	-7.6	-7.8	-8.2	-8.6	-8.8	-8.9	-8.6	-8.5	-7.9	-7.4	-7.6	-7.7	-2.4	-8.9	-7.1
6	-8.2	-8.8	-9.0	-9.8	-10.1	-10.5	-10.8	-10.9	-11.1	-11.1	-11.2	-11.4	-11.7	-11.9	-12.4	-12.9	-13.3	-13.4	-13.2	-12.9	-12.8	-12.4	-12.4	-13.3	-8.2	-13.4	-11.5
7	-14.7	-15.8	-16.3	-15.7	-15.1	-15.2	-15.2	-15.0	-13.8	-12.9	-11.7	-10.7	-9.8	-7.4	-7.1	-6.8	-7.5	-9.0	-9.3	-9.3	-8.9	-8.7	-9.1	-9.0	-6.8	-16.3	-11.4
8	-8.9	-9.0	-8.7	-8.8	-8.5	-8.7	-9.1	-9.8	-10.5	-11.1	-11.7	-11.5	-11.7	-12.2	-12.9	-13.4	-14.2	-14.6	-15.5	-15.8	-16.3	-16.3	-17.4	-18.9	-8.5	-18.9	-12.3
9	-18.6	-17.0	-15.7	-15.1	-14.7	-14.3	-14.5	-14.1	-14.2	-14.2	-14.0	-13.3	-12.6	-12.0	-11.6	-11.5	-11.3	-11.0	-10.9	-10.8	-10.8	-10.8	-11.2	-11.2	-10.8	-18.6	-13.1
10	-11.0	-10.6	-10.7	-10.7	-10.7	-10.6	-11.3	-12.9	-13.4	-13.0	-13.5	-12.1	-11.8	-11.7	-12.2	-12.5	-12.6	-12.4	-11.3	-9.8	-9.2	-7.2	-6.3	-6.7	-6.3	-13.5	-11.0
11	-7.5	-8.0	-8.5	-9.7	-10.8	-11.8	-12.9	-13.6	-13.6	-11.4	-9.4	-7.8	-6.1	-3.0	-2.5	-2.1	-1.5	-1.0	-1.5	-2.2	-3.1	-3.5	-3.1	-2.8	-1.0	-13.6	-6.6
12	-3.2	-3.9	-4.5	-4.3	-4.5	-5.1	-5.7	-5.7	-4.1	-3.7	-2.9	-2.9	-3.0	-3.7	-4.3	-4.5	-4.3	-4.3	-4.5	-5.0	-4.2	-4.1	-4.1	-5.7	-2.9	-5.7	-4.3
13	-6.5	-6.5	-6.3	-6.5	-6.2	-4.8	-5.8	-7.2	-8.2	-9.8	-9.7	-9.6	-9.0	-8.8	-8.9	-9.1	-9.5	-9.7	-9.9	-10.2	-10.3	-10.3	-10.4	-10.5	-4.8	-10.5	-8.5
14	-11.1	-11.9	-13.3	-14.4	-14.8	-15.4	-15.8	-15.8	-16.4	-17.0	-17.2	-17.2	-17.6	-17.1	-16.5	-16.6	-15.8	-15.2	-15.3	-14.9	-14.9	-15.7	-16.3	-16.8	-11.1	-17.6	-15.5
15	-17.0	-16.7	-16.1	-14.6	-14.6	-14.5	-14.4	-14.0	-13.6	-12.9	-12.0	-11.0	-9.5	-7.8	-7.8	-6.0	-4.6	-6.2	-5.7	-5.9	-6.3	-6.5	-7.2	-7.6	-4.6	-17.0	-10.5
16	-8.9	-9.6	-10.2	-10.9	-11.2	-11.9	-13.2	-13.8	-13.7	-14.0	-13.7	-13.0	-13.2	-13.2	-12.7	-12.9	-12.6	-13.1	-13.9	-14.1	-14.1	-14.5	-15.5	-16.2	-8.9	-16.2	-12.9
17	-16.4	-16.3	-15.9	-15.4	-15.2	-15.4	-15.8	-16.6	-16.8	-16.9	-16.1	-15.4	-15.1	-14.8	-15.2	-15.5	-16.1	-16.2	-14.9	-13.4	-12.8	-12.8	-13.0	-13.1	-12.8	-16.9	-15.2
18	-13.5	-13.8	-14.2	-13.9	-13.2	-12.9	-11.4	-1.0	0.0	0.4	0.6	1.0	1.8	2.1	0.7	0.5	-0.7	-1.5	-1.8	-2.8	-5.9	-6.2	-5.7	-5.6	2.1	-14.2	-4.9
19	-5.7	-5.7	-6.0	-6.5	-6.5	-6.2	-6.5	-6.7	-6.6	-6.6	-6.7	-6.6	-6.4	-6.2	-6.3	-7.0	-7.1	-7.0	-7.2	-7.5	-7.6	-7.6	-7.6	-7.7	-5.7	-7.7	-6.7
20	-7.3	-7.9	-8.8	-9.5	-11.3	-13.3	-14.1	-13.7	-12.6	-11.8	-12.1	-13.4	-14.2	-14.8	-15.6	-15.6	-15.2	-13.5	-12.8	-11.9	-12.6	-12.7	-12.2	-12.2	-7.3	-15.6	-12.5
21	-11.7	-10.4	-10.6	-10.9	-11.2	-7.7	-6.3	-5.4	-5.4	-5.3	-5.3	-5.2	-3.5	-3.2	-4.1	-4.7	-5.1	-5.6	-6.1	-6.7	-8.4	-9.5	-10.4	-11.7	-3.2	-11.7	-7.3
22	-12.7	-12.9	-13.1	-14.0	-15.0	-15.3	-15.4	-15.3	-15.4	-14.8	-14.9	-14.7	-14.1	-13.3	-12.3	-11.9	-12.1	-11.8	-11.5	-11.3	-10.7	-10.7	-11.5	-11.7	-10.7	-15.4	-13.2
23	-12.0	-11.9	-11.8	-11.9	-11.8	-11.6	-11.5	-11.7	-12.1	-11.9	-12.2	-12.2	-12.3	-12.4	-13.4	-15.4	-16.5	-16.8	-17.6	-19.1	-20.8	-22.5	-23.6	-24.8	-11.5	-24.8	-14.9
24	-25.9	-24.9	-23.8	-22.7	-22.0	-21.5	-21.1	-21.1	-20.7	-20.7	-21.6	-22.8	-23.8	-24.9	-25.9	-26.3	-26.7	-27.1	-27.5	-27.9	-27.4	-26.5	-26.0	-26.1	-20.7	-27.9	-24.4
25	-27.0	-26.6	-27.1	-27.0	-26.6	-24.9	-23.3	-21.9	-20.1	-19.3	-18.8	-18.1	-17.4	-16.7	-16.5	-15.6	-13.3	-11.1	-11.5	-11.7	-12.1	-13.1	-15.0	-17.1	-11.1	-27.1	-18.8
26	-19.6	-20.3	-21.7	-22.1	-20.5	-20.0	-20.4	-20.5	-20.8	-20.9	-21.1	-20.6	-20.1	-19.5	-18.1	-16.5	-13.3	-11.4	-15.1	-16.1	-9.6	-10.7	-10.7	-10.8	-9.6	-22.1	-17.5
27	-11.8	-11.1	-11.5	-12.3	-12.8	-13.3	-17.6	-18.7	-19.5	-20.3	-20.6	-20.5	-20.7	-21.0	-20.6	-20.2	-19.9	-19.9	-20.9	-22.4	-22.1	-22.4	-25.0	-26.0	-11.1	-26.0	-18.8
28	-25.0	-25.3	-25.2	-24.7	-24.7	-25.3	-26.7	-26.6	-26.8	-27.0	-27.0	-26.4	-26.2	-25.9	-25.8	-25.8	-25.5	-25.2	-24.9	-24.7	-24.8	-24.7	-24.7	-24.6	-24.6	-27.0	-25.6
29	-24.5	-24.4	-24.3	-24.1	-24.1	-24.1	-24.3	-24.6	-25.1	-26.9	-28.4	-29.1	-29.3	-30.0	-29.5	-29.0	-29.1	-29.5	-30.0	-30.8	-31.8	-32.9	-33.5	-34.2	-24.1	-34.2	-28.1
30	-34.6	-34.2	-32.2	-31.4	-31.5	-32.4	-32.8	-33.3	-33.9	-34.8	-35.5	-35.8	-36.0	-36.2	-35.9	-36.4	-36.6	-36.9	-36.5	-35.4	-34.3	-33.8	-33.7	-33.2	-31.4	-36.9	-34.5
31	-33.2	-33.3	-34.0	-34.2	-34.1	-34.5	-34.4	-34.7	-35.5	-36.2	-36.0	-34.4	-33.1	-31.6	-30.6	-30.4	-30.0	-30.0	-30.9	-31.8	-32.4	-33.1	-33.1	-34.4	-30.0	-36.2	-33.2
Max	-2.3	-1.8	-1.7	-1.3	-0.8	1.8	4.4	5.4	3.8	4.7	6.9	6.6	8.8	8.2	7.0	3.6	0.1	-1.0	-1.5	-2.2	-2.2	-1.8	-2.0	-2.3	8.8		
Min	-34.6	-34.2	-34.0	-34.2	-34.1	-34.5	-34.4	-34.7	-35.5	-36.2	-36.0	-35.8	-36.0	-36.2	-35.9	-36.4	-36.6	-36.9	-36.5	-35.4	-34.3	-33.8	-33.7	-34.4		-36.9	
Avg.	-13.7	-13.6	-13.8	-13.9	-14.0	-14.0	-14.2	-13.9	-14.0	-14.0	-13.9	-13.6	-13.2	-12.9	-13.0	-13.0	-12.8	-12.9	-13.1	-13.2	-13.3	-13.4	-13.8	-14.3			-13.6
																									Max Daily Mean		1.6
																									Min Daily Mean		-34.5

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-35.0	-35.5	-36.2	-36.1	-35.6	-35.9	-36.4	-36.2	-35.9	-34.7	-33.3	-32.2	-31.4	-30.9	-30.0	-29.2	-28.8	-28.9	-29.1	-29.2	-28.8	-29.0	-29.5	-29.4	-28.8	-36.4	-32.4
2	-29.3	-29.1	-28.8	-28.7	-28.4	-28.3	-28.5	-29.2	-30.2	-31.5	-32.1	-32.6	-32.8	-32.4	-32.6	-32.3	-32.9	-32.7	-34.2	-35.4	-36.3	-36.2	-36.7	-36.3	-28.3	-36.7	-32.0
3	-35.4	-35.4	-35.6	-34.8	-34.3	-34.1	-33.3	-32.5	-31.6	-30.8	-30.3	-29.6	-29.6	-29.5	-29.0	-29.1	-30.4	-31.8	-33.0	-34.0	-34.8	-35.4	-35.8	-35.9	-29.0	-35.9	-32.8
4	-34.6	-33.4	-33.2	-32.8	-31.9	-31.0	-30.2	-29.6	-29.2	-28.9	-28.5	-28.2	-27.9	-27.7	-27.9	-27.8	-27.7	-28.0	-27.9	-27.8	-27.8	-27.7	-28.0	-28.3	-27.7	-34.6	-29.4
5	-28.6	-29.0	-29.5	-29.9	-30.2	-31.1	-31.5	-32.2	-31.9	-29.7	-28.7	-28.3	-27.4	-25.8	-25.1	-24.1	-23.4	-22.7	-22.1	-21.6	-21.5	-22.4	-22.7	-22.1	-21.5	-32.2	-26.7
6	-21.2	-20.2	-19.1	-18.3	-17.1	-16.5	-17.3	-18.0	-18.7	-19.6	-20.4	-21.0	-21.4	-21.5	-21.7	-22.0	-23.0	-25.3	-27.5	-29.4	-30.8	-31.7	-32.0	-33.5	-16.5	-33.5	-22.8
7	-34.1	-34.1	-33.6	-32.1	-31.0	-30.1	-29.5	-29.2	-29.0	-28.5	-27.8	-27.2	-26.5	-25.9	-25.4	-24.8	-24.4	-24.5	-24.6	-24.3	-24.1	-23.9	-24.0	-24.2	-23.9	-34.1	-27.6
8	-24.1	-24.0	-23.6	-23.7	-24.5	-25.0	-25.3	-25.9	-25.8	-25.9	-25.7	-25.7	-25.7	-25.6	-25.5	-25.5	-25.7	-27.0	-28.5	-30.2	-31.5	-32.6	-32.5	-31.7	-23.6	-32.6	-26.7
9	-31.9	-32.6	-33.6	-34.9	-36.2	-36.7	-37.0	-35.8	-35.0	-34.9	-33.8	-33.4	-33.7	-33.2	-33.3	-33.6	-33.9	-33.4	-33.4	-33.3	-33.1	-32.3	-31.2	-30.7	-30.7	-37.0	-33.8
10	-29.9	-28.9	-27.6	-25.3	-22.6	-20.8	-18.7	-16.7	-14.9	-12.7	-13.0	-12.0	-12.5	-12.7	-12.4	-12.6	-13.3	-13.1	-11.9	-12.1	-12.7	-12.9	-13.5	-13.9	-11.9	-29.9	-16.5
11	-14.4	-15.8	-17.1	-14.1	-10.5	-10.4	-11.5	-13.0	-13.9	-14.7	-16.3	-16.0	-15.4	-14.5	-14.0	-14.1	-15.1	-16.3	-17.4	-17.9	-18.8	-18.7	-17.9	-17.5	-10.4	-18.8	-15.2
12	-16.2	-15.4	-14.6	-13.9	-13.8	-14.4	-15.3	-15.9	-16.7	-17.5	-18.2	-18.8	-19.5	-20.1	-20.7	-21.3	-21.7	-22.0	-22.4	-22.7	-23.0	-23.2	-23.4	-23.5	-13.8	-23.5	-18.9
13	-23.6	-23.9	-24.3	-24.7	-24.8	-25.0	-25.2	-25.6	-26.2	-27.3	-29.5	-30.6	-30.3	-29.3	-28.8	-28.7	-29.6	-30.5	-29.8	-30.2	-31.3	-32.7	-33.4	-33.8	-23.6	-33.8	-28.3
14	-33.7	-34.6	-35.2	-35.4	-36.6	-36.8	-38.0	-38.4	-38.3	-39.5	-39.6	-39.6	-39.4	-38.8	-38.5	-38.7	-39.2	-39.8	-39.9	-39.9	-40.8	-40.8	-40.4	-39.9	-33.7	-40.8	-38.4
15	-39.9	-39.9	-40.2	-40.0	-40.1	-40.2	-40.3	-40.0	-39.8	-39.6	-39.5	-39.3	-38.6	-38.3	-37.8	-37.4	-36.9	-36.2	-35.5	-35.4	-36.0	-36.4	-36.4	-35.4	-35.4	-40.3	-38.3
16	-33.9	-32.8	-32.2	-31.5	-31.2	-30.8	-30.4	-29.8	-29.8	-30.7	-32.0	-33.1	-33.3	-33.1	-33.3	-33.9	-35.2	-36.1	-36.7	-37.1	-38.1	-38.5	-38.6	-38.6	-29.8	-38.6	-33.8
17	-38.7	-39.2	-38.4	-38.3	-38.2	-38.4	-37.6	-37.9	-37.7	-37.6	-37.5	-37.2	-36.3	-35.9	-35.2	-35.5	-35.5	-36.7	-37.0	-37.6	-36.6	-37.0	-35.8	-36.8	-35.2	-39.2	-37.2
18	-36.9	-37.3	-35.4	-35.1	-35.2	-35.5	-34.1	-33.8	-34.9	-35.2	-35.0	-34.1	-34.1	-31.5	-30.9	-30.2	-30.5	-30.6	-30.1	-30.0	-30.0	-31.6	-32.1	-32.0	-30.0	-37.3	-33.2
19	-32.4	-31.7	-32.5	-31.9	-31.3	-30.0	-30.2	-31.0	-30.0	-29.8	-29.5	-28.6	-27.6	-26.9	-26.4	-27.1	-29.0	-30.4	-30.8	-30.6	-29.9	-30.5	-31.4	-31.4	-26.4	-32.5	-30.0
20	-30.3	-30.1	-30.8	-31.3	-31.9	-32.2	-32.9	-32.8	-32.2	-33.8	-33.9	-31.1	-30.7	-29.2	-29.4	-28.6	-29.0	-30.1	-31.8	-31.3	-30.8	-32.6	-32.0	-30.7	-28.6	-33.9	-31.2
21	-30.4	-30.7	-31.8	-31.5	-31.1	-30.8	-30.7	-31.4	-31.5	-31.6	-31.2	-31.5	-30.2	-28.7	-27.7	-27.2	-27.0	-27.3	-25.1	-17.9	-17.5	-17.5	-17.5	-17.5	-17.5	-31.8	-27.3
22	-17.4	-17.3	-17.3	-17.5	-17.6	-17.5	-17.2	-17.2	-17.2	-17.4	-17.4	-17.2	-17.3	-17.0	-16.8	-16.6	-16.2	-16.1	-16.0	-15.9	-16.1	-18.1	-20.1	-20.2	-15.9	-20.2	-17.3
23	-20.0	-19.5	-19.0	-19.5	-20.0	-20.3	-21.0	-21.2	-21.0	-21.1	-21.1	-21.2	-21.2	-21.2	-21.4	-21.6	-21.5	-21.5	-22.0	-22.3	-22.3	-22.7	-23.2	-23.4	-19.0	-23.4	-21.2
24	-23.3	-23.2	-23.1	-23.2	-24.0	-24.0	-23.8	-24.3	-24.9	-25.4	-25.8	-26.3	-25.9	-25.7	-25.9	-26.3	-26.8	-26.6	-26.5	-26.5	-26.3	-26.2	-26.1	-25.8	-23.1	-26.8	-25.2
25	-25.6	-25.5	-26.2	-26.9	-27.4	-27.5	-27.6	-27.8	-27.9	-28.1	-28.2	-28.2	-28.0	-27.8	-27.8	-27.9	-28.0	-28.1	-28.1	-28.2	-28.2	-28.4	-28.5	-28.7	-25.5	-28.7	-27.7
26	-28.6	-28.4	-28.5	-28.5	-28.6	-28.7	-28.8	-28.9	-29.2	-29.5	-30.1	-29.9	-30.0	-30.1	-30.0	-30.1	-30.4	-30.4	-30.3	-30.2	-30.5	-31.4	-32.5	-33.8	-28.4	-33.8	-29.9
27	-35.7	-36.8	-37.9	-38.4	-39.1	-39.0	-38.7	-39.4	-39.6	-39.9	-39.8	-39.1	-38.5	-37.4	-36.9	-36.6	-36.7	-37.5	-39.0	-39.8	-40.5	-41.2	-41.2	-41.9	-35.7	-41.9	-38.8
28	-42.4	-42.0	-42.4	-42.9	-42.9	-42.9	-42.9	-43.0	-43.7	-43.7	-44.0	-42.7	-41.4	-40.4	-39.4	-39.4	-41.1	-42.3	-42.7	-43.6	-44.4	-44.3	-44.3	-44.0	-39.4	-44.4	-42.6
29	-44.3	-44.1	-43.9	-43.4	-43.7	-44.5	-44.6	-44.0	-42.8	-42.4	-41.9	-41.0	-39.5	-37.2	-35.0	-34.3	-33.9	-34.3	-35.5	-37.2	-38.0	-38.6	-38.4	-38.5	-33.9	-44.6	-40.0
30	-38.3	-38.7	-37.1	-33.7	-32.9	-33.4	-33.1	-31.7	-30.8	-30.3	-29.5	-28.2	-27.2	-26.0	-25.1	-24.5	-24.2	-24.1	-24.3	-24.8	-25.6	-25.4	-24.6	-24.2	-24.1	-38.7	-29.1
31	-24.2	-23.4	-23.1	-22.8	-22.9	-22.8	-22.7	-22.5	-22.6	-22.2	-22.1	-21.5	-20.9	-20.8	-20.9	-22.3	-24.1	-25.6	-27.4	-28.7	-28.7	-29.7	-29.0	-28.2	-20.8	-29.7	-24.1
Max	-14.4	-15.4	-14.6	-13.9	-10.5	-10.4	-11.5	-13.0	-13.9	-12.7	-13.0	-12.0	-12.5	-12.7	-12.4	-12.6	-13.3	-13.1	-11.9	-12.1	-12.7	-12.9	-13.5	-13.9	-10.4		
Min	-44.3	-44.1	-43.9	-43.4	-43.7	-44.5	-44.6	-44.0	-43.7	-43.7	-44.0	-42.7	-41.4	-40.4	-39.4	-39.4	-41.1	-42.3	-42.7	-43.6	-44.4	-44.3	-44.3	-44.0		-44.6	
Avg.	-30.1	-30.1	-30.1	-29.7	-29.5	-29.5	-29.5	-29.5	-29.4	-29.5	-29.5	-29.2	-28.8	-28.2	-27.9	-27.8	-28.2	-28.7	-29.0	-29.2	-29.5	-30.0	-30.1	-30.1			-29.3
																									Max Daily Mean		-15.2
																									Min Daily Mean		-42.6

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-27.6	-26.4	-25.1	-24.4	-24.6	-24.6	-24.0	-23.0	-23.1	-21.8	-19.0	-17.4	-15.7	-14.4	-11.8	-7.2	-5.5	-6.1	-6.0	-5.0	-4.3	-3.7	-3.4	-2.8	-2.8	-27.6	-15.3
2	-3.0	-2.6	-4.2	-4.2	-2.0	-1.8	-2.3	-3.8	-6.2	-7.5	-7.3	-4.9	-2.6	-0.1	0.9	0.7	0.0	-0.8	2.8	2.5	1.2	1.1	0.3	-4.9	2.8	-7.5	-2.0
3	-7.6	-8.6	-5.1	-6.0	-12.4	-14.5	-16.0	-17.3	-17.9	-18.9	-19.4	-19.8	-20.3	-20.6	-20.9	-20.7	-21.1	-21.5	-21.7	-22.6	-23.4	-23.5	-23.1	-24.2	-5.1	-24.2	-17.8
4	-24.4	-24.5	-25.0	-26.1	-27.0	-28.1	-27.8	-27.6	-27.3	-26.8	-26.4	-25.6	-23.9	-22.3	-20.8	-19.5	-18.2	-17.3	-15.2	-13.5	-13.2	-13.0	-10.9	-11.1	-10.9	-28.1	-21.5
5	-10.2	-9.1	-5.5	-2.6	-2.1	-1.2	-1.1	-1.7	-2.2	-1.9	-1.6	-1.1	-0.6	-0.4	-0.3	-0.6	-0.9	-0.7	-0.8	-1.2	-1.5	-1.7	-1.4	-1.9	-0.3	-10.2	-2.2
6	-3.6	-3.1	-4.6	-5.2	-5.2	-2.7	-4.9	-5.8	-6.8	-7.3	-7.1	-6.2	-4.0	-2.8	-3.0	-3.7	-5.5	-6.6	-7.4	-8.4	-8.9	-9.9	-10.3	-10.8	-2.7	-10.8	-6.0
7	-11.7	-12.7	-13.4	-13.9	-14.1	-13.0	-13.7	-12.5	-8.0	-6.0	-3.1	-2.9	-1.9	-0.8	-0.2	0.0	-0.3	-0.9	-1.6	-2.0	-2.4	-2.6	-2.6	-2.8	0.0	-14.1	-6.0
8	-3.2	-3.1	-3.2	-3.5	-3.6	-3.7	-3.6	-4.5	-5.3	-2.5	-1.3	-0.7	-0.2	0.2	0.4	0.4	0.3	0.3	0.1	0.3	0.1	0.1	0.6	0.5	0.6	-5.3	-1.5
9	0.8	1.0	0.7	0.8	1.3	0.5	-3.1	-4.7	-6.9	-8.3	-8.4	-6.1	-5.4	-4.0	-2.5	-1.9	1.2	1.1	0.6	0.5	-0.8	0.5	0.6	0.9	1.3	-8.4	-1.7
10	1.3	1.1	1.3	1.1	0.7	0.6	0.2	0.0	-2.6	-2.0	-0.1	0.1	0.5	-0.2	-0.6	-1.3	-2.1	-2.9	-4.2	-4.8	-5.2	-6.3	-7.3	-7.5	1.3	-7.5	-1.7
11	-8.6	-9.9	-11.0	-11.9	-10.1	-9.3	-8.7	-8.1	-7.3	-7.2	-5.8	-2.5	0.5	1.8	2.6	2.4	2.1	2.4	2.2	1.9	1.6	1.2	1.0	-2.2	2.6	-11.9	-3.5
12	-2.7	-2.7	-3.1	-2.6	-2.6	-3.0	-3.7	-4.3	-4.9	-4.7	-3.2	-2.1	-1.2	0.1	1.0	3.2	2.0	-0.5	-1.7	-3.2	-4.9	-6.7	-8.2	-9.7	3.2	-9.7	-2.9
13	-11.1	-12.3	-12.5	-13.1	-13.2	-12.9	-12.3	-11.0	-10.6	-10.3	-8.6	-8.0	-6.3	-4.5	-4.0	-4.1	-2.9	1.6	2.0	1.9	1.3	0.3	-1.1	-1.7	2.0	-13.2	-6.4
14	-1.6	-1.8	-2.0	-2.8	-1.6	-1.0	-1.7	-2.1	-3.2	-5.2	-4.7	-2.4	-1.7	-2.3	-2.1	-1.6	-2.3	-5.0	-8.0	-10.0	-12.3	-13.0	-13.6	-13.0	-1.0	-13.6	-4.8
15	-12.7	-12.2	-12.6	-12.8	-12.7	-12.6	-12.2	-11.7	-11.1	-9.0	-8.9	-7.6	-5.4	-2.9	-1.7	-2.0	-0.9	-1.0	-2.0	-2.2	-2.3	-2.3	-2.2	-2.5	-0.9	-12.8	-6.8
16	-4.7	-5.8	-6.6	-6.9	-7.4	-8.2	-9.6	-10.9	-12.6	-13.7	-13.7	-11.4	-9.0	-7.1	-6.0	-6.2	-6.3	-6.9	-8.1	-8.7	-8.7	-8.4	-8.8	-10.7	-4.7	-13.7	-8.6
17	-11.9	-13.2	-14.7	-15.7	-15.5	-15.2	-15.3	-15.5	-15.7	-15.8	-14.3	-12.4	-10.5	-7.8	-6.0	-5.2	-6.5	-10.0	-12.3	-13.6	-14.5	-16.0	-15.9	-16.8	-5.2	-16.8	-12.9
18	-16.7	-15.5	-15.9	-16.4	-16.1	-16.8	-17.1	-18.1	-18.5	-18.6	-18.1	-15.4	-12.8	-10.6	-7.9	-6.1	-6.6	-8.5	-10.4	-10.7	-11.1	-11.7	-12.7	-13.1	-6.1	-18.6	-13.6
19	-13.7	-14.5	-15.4	-16.4	-16.7	-16.9	-17.2	-17.3	-17.8	-18.2	-17.5	-15.6	-13.6	-11.3	-8.9	-8.0	-8.4	-10.7	-11.1	-10.2	-7.8	-7.2	-8.6	-10.5	-7.2	-18.2	-13.1
20	-9.4	-8.4	-10.1	-11.7	-11.2	-11.6	-10.0	-6.9	-6.6	-6.7	-6.5	-5.9	-5.3	-4.9	-5.0	-4.9	-4.7	-4.8	-5.1	-5.2	-5.3	-7.2	-9.7	-11.4	-4.7	-11.7	-7.4
21	-12.0	-12.7	-13.3	-14.0	-14.6	-14.5	-14.4	-14.5	-14.4	-14.0	-12.4	-10.8	-9.5	-7.9	-6.6	-6.2	-6.4	-8.2	-10.2	-11.3	-12.0	-12.4	-12.1	-12.1	-6.2	-14.6	-11.5
22	-12.0	-12.0	-11.9	-11.9	-12.0	-12.4	-12.9	-13.1	-13.1	-12.0	-11.1	-10.0	-8.8	-7.8	-7.1	-6.7	-6.7	-8.3	-10.0	-11.6	-12.1	-12.2	-12.1	-12.1	-6.7	-13.1	-10.8
23	-12.2	-12.0	-12.2	-12.1	-12.1	-12.1	-12.2	-11.9	-11.9	-11.5	-10.7	-9.9	-8.9	-7.9	-7.1	-6.4	-7.0	-8.8	-10.6	-12.1	-13.2	-13.5	-14.0	-13.9	-6.4	-14.0	-11.0
24	-13.6	-13.2	-12.9	-12.6	-12.7	-12.7	-13.0	-13.2	-13.2	-13.1	-12.3	-11.6	-10.8	-10.4	-10.5	-10.8	-11.0	-11.2	-11.8	-12.1	-12.5	-12.9	-13.3	-13.7	-10.4	-13.7	-12.3
25	-13.9	-14.3	-15.1	-16.1	-16.1	-15.9	-15.5	-15.5	-15.6	-15.4	-14.9	-14.2	-13.5	-12.9	-12.5	-12.1	-12.2	-13.8	-14.6	-15.0	-14.5	-14.2	-14.3	-14.3	-12.1	-16.1	-14.4
26	-14.2	-13.8	-13.3	-12.7	-12.1	-11.8	-11.3	-11.1	-11.6	-11.2	-10.4	-10.3	-9.5	-8.1	-7.0	-6.6	-7.2	-8.8	-9.7	-9.3	-8.9	-8.5	-8.2	-8.1	-6.6	-14.2	-10.2
27	-8.5	-8.5	-8.0	-7.1	-7.0	-7.6	-8.0	-8.1	-7.9	-7.7	-7.4	-7.2	-6.4	-5.1	-4.4	-4.3	-4.6	-5.5	-7.4	-9.6	-11.2	-12.4	-13.5	-14.3	-4.3	-14.3	-8.0
28	-14.6	-15.0	-15.1	-15.2	-15.3	-15.5	-16.3	-17.2	-17.6	-17.2	-16.4	-15.6	-15.1	-14.7	-14.5	-14.5	-15.0	-15.9	-16.7	-17.4	-18.8	-21.2	-22.1	-22.5	-14.5	-22.5	-16.6
29	-23.1	-23.8	-24.1	-23.8	-22.6	-21.8	-22.4	-23.8	-25.3	-25.0	-22.0	-18.6	-16.2	-15.4	-15.1	-15.0	-15.1	-15.7	-17.4	-19.7	-21.1	-21.1	-21.8	-22.0	-15.0	-25.3	-20.5
Max	1.3	1.1	1.3	1.1	1.3	0.6	0.2	0.0	-2.2	-1.9	-0.1	0.1	0.5	1.8	2.6	3.2	2.1	2.4	2.8	2.5	1.6	1.2	1.0	0.9	3.2		
Min	-27.6	-26.4	-25.1	-26.1	-27.0	-28.1	-27.8	-27.6	-27.3	-26.8	-26.4	-25.6	-23.9	-22.3	-20.9	-20.7	-21.1	-21.5	-21.7	-22.6	-23.4	-23.5	-23.1	-24.2		-28.1	
Avg.	-10.6	-10.7	-10.8	-11.0	-11.1	-11.0	-11.4	-11.6	-11.9	-11.7	-10.8	-9.5	-8.2	-7.1	-6.3	-5.8	-5.9	-6.7	-7.5	-8.0	-8.5	-8.9	-9.3	-10.0			-9.3
																									Max Daily Mean		-1.5
																									Min Daily Mean		-21.5

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-22.1	-22.5	-23.5	-24.5	-24.7	-25.4	-23.8	-23.3	-22.7	-19.2	-13.5	-12.1	-10.9	-10.0	-9.8	-9.7	-10.0	-10.4	-11.0	-11.6	-13.3	-14.4	-16.8	-17.7	-9.7	-25.4	-16.8
2	-18.2	-18.7	-18.6	-18.2	-17.8	-17.6	-18.0	-18.7	-18.8	-17.6	-15.7	-12.9	-9.7	-8.1	-6.9	-5.7	-4.8	-5.6	-7.9	-10.0	-11.4	-12.3	-12.8	-14.0	-4.8	-18.8	-13.3
3	-15.0	-14.6	-14.0	-14.9	-15.9	-16.4	-16.7	-17.0	-17.3	-17.8	-17.4	-16.5	-15.8	-15.4	-14.9	-14.7	-14.8	-15.2	-15.9	-17.1	-18.7	-19.8	-20.5	-21.2	-14.0	-21.2	-16.6
4	-21.6	-22.1	-22.8	-23.9	-24.0	-23.9	-24.2	-24.8	-25.3	-24.1	-21.6	-19.6	-18.0	-17.6	-17.3	-17.4	-17.6	-18.2	-20.8	-23.3	-24.4	-26.2	-28.1	-29.2	-17.3	-29.2	-22.3
5	-29.7	-30.4	-30.8	-30.8	-31.5	-30.5	-30.7	-31.1	-30.8	-30.0	-27.4	-24.8	-21.2	-18.0	-14.8	-13.0	-12.8	-12.8	-12.9	-13.2	-12.9	-13.6	-14.1	-14.3	-12.8	-31.5	-22.2
6	-14.6	-14.8	-14.9	-15.0	-15.0	-14.9	-14.9	-14.9	-14.8	-14.4	-13.5	-8.2	-7.3	-7.5	-9.0	-8.6	-8.8	-9.0	-8.7	-8.6	-8.6	-8.7	-8.8	-9.0	-7.3	-15.0	-11.4
7	-9.4	-9.9	-10.3	-10.0	-9.9	-10.0	-10.0	-9.7	-9.4	-9.1	-8.9	-8.3	-8.1	-7.2	-6.8	-6.4	-6.3	-6.8	-7.3	-8.3	-9.3	-10.2	-11.6	-12.7	-6.3	-12.7	-9.0
8	-13.5	-13.8	-14.5	-16.5	-16.5	-17.0	-17.3	-15.5	-14.9	-14.0	-11.2	-9.5	-9.8	-9.8	-9.3	-9.2	-9.1	-8.9	-8.7	-8.6	-8.9	-9.4	-9.6	-10.1	-8.6	-17.3	-11.9
9	-10.7	-11.1	-11.3	-11.7	-12.2	-13.0	-13.6	-14.1	-14.2	-13.4	-13.1	-13.1	-13.0	-12.3	-12.0	-12.0	-12.8	-13.6	-14.7	-16.0	-16.3	-16.7	-16.9	-17.7	-10.7	-17.7	-13.6
10	-17.5	-17.7	-18.3	-18.4	-18.5	-18.7	-19.3	-19.5	-19.7	-19.8	-19.6	-19.0	-18.0	-17.6	-17.2	-17.3	-17.6	-18.3	-19.1	-19.6	-20.0	-20.1	-20.3	-21.0	-17.2	-21.0	-18.8
11	-21.6	-21.8	-22.3	-22.8	-22.9	-23.4	-23.3	-23.5	-23.5	-22.9	-22.5	-21.6	-20.6	-20.0	-19.2	-18.9	-18.8	-19.0	-19.1	-19.4	-19.8	-19.5	-19.6	-19.9	-18.8	-23.5	-21.1
12	-20.0	-20.3	-20.5	-20.6	-20.8	-19.9	-20.1	-20.3	-20.4	-19.9	-19.0	-17.5	-15.7	-14.7	-13.9	-12.9	-12.5	-13.1	-14.1	-14.9	-16.2	-18.4	-19.5	-20.0	-12.5	-20.8	-17.7
13	-21.1	-21.2	-21.1	-22.0	-23.9	-24.6	-24.4	-20.3	-14.4	-18.6	-10.9	-7.6	-6.5	-5.8	-5.5	-5.4	-5.4	-5.9	-6.8	-7.8	-8.4	-8.5	-9.0	-9.5	-5.4	-24.6	-13.1
14	-11.0	-12.9	-13.8	-14.8	-16.2	-16.0	-15.6	-15.3	-14.4	-12.9	-10.9	-9.6	-7.4	-5.6	-4.9	-4.4	-4.4	-4.8	-5.1	-5.4	-5.5	-5.9	-6.4	-7.6	-4.4	-16.2	-9.6
15	-9.1	-11.0	-12.8	-13.9	-14.6	-15.3	-15.6	-15.8	-14.9	-12.8	-8.9	-4.7	-3.5	-2.2	-1.5	-1.5	-1.8	-2.6	-3.7	-4.6	-5.6	-9.1	-11.2	-12.9	-1.5	-15.8	-8.7
16	-13.8	-14.5	-15.4	-15.8	-16.1	-16.6	-17.3	-17.8	-17.3	-15.6	-12.9	-9.8	-7.9	-6.5	-6.2	-6.4	-7.3	-8.5	-9.8	-10.9	-10.5	-10.8	-12.4	-14.2	-6.2	-17.8	-12.3
17	-16.0	-17.4	-18.6	-19.6	-21.5	-22.4	-22.7	-23.7	-23.8	-21.0	-18.2	-14.8	-12.1	-9.8	-8.2	-7.9	-8.0	-8.6	-10.0	-11.8	-14.3	-16.2	-18.0	-19.3	-7.9	-23.8	-16.0
18	-20.1	-20.1	-20.3	-19.8	-19.2	-18.6	-18.2	-17.9	-17.6	-17.0	-15.7	-14.3	-12.5	-10.8	-9.3	-8.3	-7.9	-8.8	-11.2	-14.9	-16.8	-18.6	-20.5	-21.9	-7.9	-21.9	-15.8
19	-23.4	-24.6	-25.2	-25.9	-27.0	-27.4	-27.8	-27.8	-26.8	-23.4	-19.4	-15.5	-12.5	-10.2	-8.3	-6.9	-6.7	-7.4	-8.1	-8.9	-10.2	-11.9	-13.3	-14.4	-6.7	-27.8	-17.2
20	-14.6	-15.6	-16.2	-16.6	-17.0	-17.2	-17.6	-17.6	-17.6	-17.5	-15.9	-14.3	-13.1	-11.9	-11.4	-11.5	-11.8	-12.7	-13.6	-14.1	-14.6	-15.2	-15.7	-16.1	-11.4	-17.6	-15.0
21	-16.4	-17.0	-17.3	-17.6	-18.8	-19.6	-20.2	-21.1	-21.3	-19.0	-16.3	-14.6	-13.8	-13.2	-12.8	-12.4	-12.7	-13.1	-13.9	-14.7	-17.3	-18.8	-20.3	-21.4	-12.4	-21.4	-16.8
22	-22.3	-23.1	-23.7	-24.2	-25.6	-25.9	-26.1	-26.1	-25.4	-23.7	-21.1	-18.2	-15.3	-13.4	-12.4	-11.8	-11.5	-11.6	-13.9	-16.7	-19.3	-21.7	-23.0	-23.3	-11.5	-26.1	-20.0
23	-23.7	-23.8	-23.5	-23.4	-23.7	-24.0	-24.5	-24.2	-23.1	-20.6	-16.6	-12.1	-9.6	-7.3	-5.6	-4.8	-4.5	-5.1	-5.5	-6.5	-7.0	-8.0	-8.8	-9.3	-4.5	-24.5	-14.4
24	-9.6	-9.9	-10.1	-10.4	-10.6	-10.7	-11.1	-11.2	-10.6	-9.3	-8.1	-6.7	-5.5	-4.1	-3.3	-3.0	-2.8	-2.7	-3.0	-4.6	-5.2	-5.6	-6.2	-8.1	-2.7	-11.2	-7.2
25	-9.6	-10.5	-10.0	-10.3	-10.7	-11.2	-12.6	-12.7	-11.7	-10.4	-8.8	-6.8	-5.9	-5.2	-4.7	-4.4	-4.4	-4.6	-6.5	-9.1	-11.2	-12.2	-12.5	-13.9	-4.4	-13.9	-9.2
26	-15.4	-17.7	-19.3	-20.4	-21.3	-22.1	-21.8	-21.1	-18.5	-14.4	-10.9	-7.7	-4.8	-2.8	-1.5	-0.9	-0.6	-1.3	-4.2	-7.0	-9.6	-11.7	-12.3	-12.0	-0.6	-22.1	-11.6
27	-12.0	-12.4	-14.2	-14.4	-14.7	-15.0	-15.2	-15.0	-13.5	-10.6	-6.6	-2.8	0.3	1.8	2.4	2.8	2.8	2.7	2.1	1.4	0.7	-1.0	-2.8	-5.1	2.8	-15.2	-5.8
28	-6.0	-6.6	-7.4	-8.1	-6.7	-6.3	-7.3	-7.2	-5.2	-1.5	1.9	3.3	4.5	5.2	5.7	6.0	5.9	5.5	4.7	3.9	2.2	-0.7	-2.7	-4.0	6.0	-8.1	-0.9
29	-5.0	-5.7	-6.7	-7.3	-8.0	-8.5	-9.0	-9.0	-7.4	-4.7	-0.6	3.7	5.8	6.7	7.2	7.1	7.3	7.2	6.6	6.2	5.3	4.3	3.5	3.3	7.3	-9.0	0.1
30	2.3	0.6	-1.0	-2.1	-2.8	-3.9	-5.2	-4.8	-3.1	-1.0	1.9	5.1	6.4	7.1	7.5	7.2	6.4	5.5	4.8	3.5	2.9	1.6	0.7	-0.3	7.5	-5.2	1.6
31	-0.3	-1.6	-1.5	-1.5	-1.5	-1.8	-1.9	-1.6	-1.3	-1.1	-0.2	0.1	0.9	1.6	2.1	2.6	2.6	2.5	0.9	0.5	-0.1	-0.9	-1.2	-1.3	2.6	-1.9	-0.2
Max	2.3	0.6	-1.0	-1.5	-1.5	-1.8	-1.9	-1.6	-1.3	-1.0	1.9	5.1	6.4	7.1	7.5	7.2	7.3	7.2	6.6	6.2	5.3	4.3	3.5	3.3	7.5		
Min	-29.7	-30.4	-30.8	-30.8	-31.5	-30.5	-30.7	-31.1	-30.8	-30.0	-27.4	-24.8	-21.2	-20.0	-19.2	-18.9	-18.8	-19.0	-20.8	-23.3	-24.4	-26.2	-28.1	-29.2		-31.5	
Avg.	-14.9	-15.6	-16.1	-16.6	-17.1	-17.3	-17.6	-17.5	-16.8	-15.4	-13.0	-10.7	-9.1	-7.9	-7.2	-6.8	-6.8	-7.3	-8.3	-9.4	-10.5	-11.6	-12.6	-13.5			-12.5
																									Max Daily Mean		1.6
																									Min Daily Mean		-22.3

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-1.6	-1.8	-2.2	-2.4	-2.6	-2.8	-3.5	-3.6	-2.6	-1.7	-1.1	0.2	1.4	1.9	2.4	2.6	2.7	2.1	0.6	-0.6	-2.5	-4.0	-5.8	-6.1	2.7	-6.1	-1.3
2	-4.7	-4.9	-5.1	-6.0	-6.8	-8.3	-8.8	-8.3	-7.8	-6.6	-5.8	-4.8	-4.0	-3.7	-3.1	-2.7	-2.7	-2.6	-3.3	-4.3	-6.0	-6.8	-6.3	-6.8	-2.6	-8.8	-5.4
3	-7.9	-8.5	-8.6	-8.8	-9.6	-10.2	-10.6	-10.4	-9.6	-8.6	-7.5	-6.1	-5.1	-4.2	-3.8	-3.6	-3.2	-3.1	-3.3	-5.4	-7.8	-10.0	-12.0	-13.8	-3.1	-13.8	-7.6
4	-14.8	-15.9	-17.1	-17.6	-18.4	-18.8	-19.0	-17.1	-13.4	-10.0	-6.2	-3.2	-1.0	0.8	2.0	3.0	3.5	3.6	2.2	-0.8	-3.2	-5.2	-6.0	-5.5	3.6	-19.0	-7.4
5	-4.7	-4.5	-5.0	-5.0	-5.1	-5.3	-4.9	-4.5	-3.2	-0.3	1.5	2.9	4.4	6.0	7.6	8.4	8.9	8.7	6.3	3.7	1.0	0.2	-1.0	-2.6	8.9	-5.3	0.6
6	-3.4	-4.6	-5.6	-5.8	-5.9	-5.9	-6.1	-4.7	-2.4	0.1	5.6	6.3	6.1	6.5	6.8	6.9	7.0	6.9	5.8	3.1	1.1	-1.1	-2.8	-3.9	7.0	-6.1	0.4
7	-5.2	-6.2	-6.7	-7.3	-8.3	-8.0	-8.1	-6.9	-5.6	-2.6	0.3	2.6	4.0	5.2	6.0	6.5	6.4	6.3	5.8	4.3	3.1	3.0	2.5	2.1	6.5	-8.3	-0.3
8	0.7	-0.6	-0.6	-0.8	-1.2	-1.3	-1.6	-1.7	-1.4	-1.2	0.2	1.5	2.3	3.3	4.0	4.3	4.6	4.9	4.9	4.3	3.4	2.8	1.8	0.1	4.9	-1.7	1.4
9	-1.4	-2.8	-3.8	-5.2	-5.8	-6.5	-6.9	-6.1	-4.1	-1.1	1.2	2.9	4.2	5.3	5.9	6.5	6.7	6.7	5.7	2.9	-0.1	-2.2	-3.2	-3.5	6.7	-6.9	-0.2
10	-3.9	-4.3	-4.6	-5.2	-6.0	-6.5	-6.6	-6.0	-4.2	-0.5	4.1	6.2	7.7	8.8	9.5	9.8	10.0	10.2	10.2	9.0	8.0	7.3	3.8	1.7	10.2	-6.6	2.4
11	0.6	0.1	-1.0	-1.9	-2.4	-2.9	-3.2	-2.3	-0.4	3.1	7.2	8.7	9.6	10.4	10.8	11.2	11.4	11.3	10.9	10.2	6.9	3.8	2.6	2.1	11.4	-3.2	4.5
12	1.3	0.5	-0.5	-0.9	-2.1	-2.2	-2.2	-1.4	0.5	3.4	6.4	8.5	9.5	10.2	10.9	11.3	11.3	11.1	10.9	10.1	9.3	8.7	7.6	5.1	11.3	-2.2	5.3
13	3.4	2.2	1.5	0.6	0.5	0.4	0.8	2.5	6.1	7.3	8.3	9.3	10.2	10.7	10.6	10.3	10.2	9.7	9.0	8.4	7.7	7.1	6.4	5.6	10.7	0.4	6.2
14	4.2	3.1	3.3	3.5	3.7	3.6	3.7	3.8	4.4	5.5	6.4	7.5	8.3	8.5	8.8	8.8	8.9	9.1	9.1	8.5	7.4	6.5	5.8	4.2	9.1	3.1	6.1
15	3.6	2.9	2.9	2.3	1.5	0.8	1.3	4.3	6.1	7.3	8.9	10.6	11.3	11.8	12.1	12.2	12.3	12.1	11.4	9.9	6.9	4.2	3.1	2.7	12.3	0.8	6.8
16	3.2	3.1	2.3	1.8	1.4	0.9	1.7	3.0	5.5	8.0	9.1	10.6	11.5	12.1	12.4	12.6	12.5	12.1	11.6	10.7	6.7	3.9	2.5	1.1	12.6	0.9	6.7
17	1.6	0.6	0.4	-0.1	-0.3	-0.8	-0.7	0.4	2.8	6.9	9.3	10.7	11.8	12.5	12.9	13.1	13.3	13.5	12.7	11.1	8.5	5.5	3.9	2.7	13.5	-0.8	6.3
18	1.4	0.3	-0.7	-0.1	0.3	-0.1	0.4	1.7	2.7	4.5	7.1	10.2	11.3	12.1	12.3	12.1	12.1	11.9	9.7	8.4	6.1	3.9	2.2	0.7	12.3	-0.7	5.4
19	-0.4	-0.9	-1.5	-2.1	-2.8	-3.0	-2.0	-0.1	2.5	6.1	9.4	10.7	11.7	11.3	11.7	12.3	12.7	12.4	12.1	10.9	8.7	7.9	4.1	3.6	12.7	-3.0	5.6
20	3.2	2.3	1.1	-0.3	-1.0	-1.6	-1.4	-0.1	3.1	6.7	9.2	9.6	9.4	9.6	8.0	8.2	8.9	9.4	9.8	8.7	6.6	5.3	4.1	3.2	9.8	-1.6	5.1
21	2.2	1.8	1.4	0.8	-0.1	0.0	0.7	1.1	3.0	5.7	7.5	7.2	8.6	8.0	8.7	9.3	9.4	8.8	8.8	8.4	7.1	5.4	3.4	1.9	9.4	-0.1	5.0
22	0.0	-1.3	-2.1	-2.2	-2.2	-1.6	-0.9	0.2	2.5	5.0	6.8	8.2	8.8	8.9	9.3	9.0	8.1	7.5	5.3	4.0	2.9	1.6	0.1	-0.8	9.3	-2.2	3.2
23	-1.3	-1.4	-1.5	-1.5	-1.5	-1.4	-0.7	0.0	1.1	2.9	5.1	6.8	7.7	8.2	8.0	9.2	10.1	10.7	9.4	6.3	5.0	3.0	1.6	0.1	10.7	-1.5	3.6
24	-1.4	-1.7	-2.2	-2.2	-2.6	-2.7	-2.1	-0.2	2.8	6.0	9.1	10.0	10.2	10.1	11.2	10.6	10.6	10.5	10.1	9.6	7.1	3.7	2.2	0.5	11.2	-2.7	4.6
25	-0.6	-1.4	-1.9	-2.7	-3.0	-2.5	-1.0	0.8	3.6	7.2	8.8	8.9	9.4	9.6	10.0	10.1	10.5	10.3	9.7	9.3	6.9	4.1	2.2	0.5	10.5	-3.0	4.5
26	-0.9	-1.6	-2.2	-2.6	-3.5	-3.4	-2.4	-0.2	2.4	6.2	7.9	8.7	9.4	9.8	10.3	10.3	10.7	10.5	10.3	9.3	8.4	7.6	5.5	2.9	10.7	-3.5	4.7
27	1.3	0.4	-0.5	-1.0	-1.8	-2.0	-1.1	1.3	4.4	6.8	8.5	9.8	10.0	11.0	10.8	10.6	9.8	10.1	10.0	9.4	8.6	7.1	5.2	3.9	11.0	-2.0	5.5
28	3.2	2.2	1.5	1.0	0.2	0.1	0.9	2.1	4.1	7.1	9.0	9.0	9.3	9.9	10.0	9.3	10.1	10.2	9.0	8.4	7.3	5.3	2.8	1.0	10.2	0.1	5.5
29	-0.1	-0.9	-1.4	-1.4	-1.5	-1.5	-0.6	1.3	3.6	6.9	9.1	9.8	10.3	10.4	8.8	9.4	10.0	8.6	6.9	6.6	6.7	5.9	4.8	3.7	10.4	-1.5	4.8
30	2.8	2.3	1.7	1.4	1.3	1.5	2.0	2.8	4.0	5.0	5.4	5.8	6.0	6.6	Audit	Audit	5.5	5.7	5.7	5.1	4.6	3.2	1.0	0.8	6.6	0.8	3.6
Max	4.2	3.1	3.3	3.5	3.7	3.6	3.7	4.3	6.1	8.0	9.4	10.7	11.8	12.5	12.9	13.1	13.3	13.5	12.7	11.1	9.3	8.7	7.6	5.6	13.5		
Min	-14.8	-15.9	-17.1	-17.6	-18.4	-18.8	-19.0	-17.1	-13.4	-10.0	-7.5	-6.1	-5.1	-4.2	-3.8	-3.6	-3.2	-3.1	-3.3	-5.4	-7.8	-10.0	-12.0	-13.8		-19.0	
Avg.	-0.7	-1.4	-2.0	-2.4	-2.9	-3.1	-2.8	-1.6	0.4	2.8	5.0	6.3	7.1	7.7	8.1	8.3	8.4	8.3	7.6	6.3	4.5	2.9	1.4	0.2			2.9
																									Max Daily Mean		6.8
																									Min Daily Mean		-7.6

Total Hours in month: **720** **Hours Data Available:** **718** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.1	1.4	1.0	0.0	0.7	0.8	0.8	0.6	0.1	-0.1	0.1	0.5	0.9	1.0	0.8	0.0	-0.8	-1.4	-2.0	-2.3	-3.1	-4.1	-4.5	-4.9	1.4	-4.9	-0.6
2	-5.1	-5.3	-5.4	-5.4	-5.2	-5.3	-5.3	-5.1	-4.7	-4.2	-3.3	-3.0	-2.4	-1.6	-1.0	-0.3	0.3	0.9	0.8	0.6	-0.9	-2.3	-3.8	-5.1	0.9	-5.4	-3.0
3	-6.4	-7.2	-7.3	-7.3	-7.5	-7.2	-5.7	-2.9	-0.8	1.1	2.8	4.0	4.9	5.4	5.8	6.2	6.5	6.9	7.0	6.5	6.1	3.3	1.5	-0.6	7.0	-7.5	0.6
4	-1.3	-2.1	-3.0	-4.0	-4.3	-4.6	-3.3	-0.8	2.7	5.4	6.8	7.2	7.6	8.3	8.7	8.9	7.9	7.8	7.4	6.7	5.7	4.2	2.3	0.4	8.9	-4.6	3.1
5	-0.6	-1.4	-2.1	-2.8	-3.3	-3.0	-1.7	0.3	2.4	5.6	6.5	7.4	7.6	7.4	7.6	7.6	6.9	6.6	6.6	6.4	6.1	4.7	2.1	1.0	7.6	-3.3	3.2
6	0.2	-0.4	-0.8	-0.5	0.5	2.5	4.6	5.3	6.1	7.0	7.6	8.0	8.4	8.4	7.7	7.6	8.3	8.2	8.1	8.0	7.5	6.9	6.3	5.8	8.4	-0.8	5.5
7	5.5	3.1	1.7	1.0	0.6	0.5	1.6	4.6	7.4	8.3	9.0	10.0	10.3	9.9	7.6	7.2	7.8	8.9	7.7	7.0	6.3	5.1	3.6	2.3	10.3	0.5	5.7
8	1.4	1.0	0.0	-0.9	-1.6	-1.2	0.6	4.2	5.8	6.4	6.4	6.6	6.8	7.6	7.7	7.6	7.2	6.7	6.0	5.6	4.9	4.1	2.9	1.4	7.7	-1.6	4.1
9	0.3	-0.3	-1.8	-2.9	-3.6	-3.7	-2.7	-0.3	3.2	5.4	6.1	7.1	7.9	8.4	8.9	9.6	9.8	10.0	10.1	10.1	9.6	7.2	4.7	2.0	10.1	-3.7	4.4
10	0.2	-1.1	-2.1	-2.8	-3.2	-2.3	-1.3	1.6	6.4	8.5	9.3	9.4	9.6	10.0	10.2	10.4	10.7	11.1	11.3	10.9	10.5	9.9	8.1	5.9	11.3	-3.2	5.9
11	4.4	3.1	2.6	1.8	1.8	2.0	3.2	7.5	9.7	9.9	10.8	10.7	11.0	11.8	11.5	11.3	11.2	10.7	10.0	9.4	8.7	7.0	3.0	1.4	11.8	1.4	7.3
12	-0.4	-1.2	-1.1	-1.0	-1.7	-0.7	1.3	4.4	8.6	9.5	10.1	10.5	11.5	11.9	12.5	12.7	12.7	12.8	11.3	8.5	7.5	6.3	7.3	7.8	12.8	-1.7	6.7
13	6.7	5.6	5.1	3.0	0.7	1.0	2.7	5.4	6.8	7.7	8.5	9.0	9.3	9.4	10.0	10.2	10.0	10.0	9.7	9.1	8.1	5.0	2.3	0.5	10.2	0.5	6.5
14	-1.4	-2.6	-3.8	-4.2	-3.8	-2.3	-0.4	2.6	6.0	8.2	9.4	9.1	9.1	8.1	8.1	8.7	9.2	9.7	9.9	9.2	8.8	7.4	6.1	4.6	9.9	-4.2	4.8
15	4.2	3.5	3.3	3.4	3.7	3.8	4.0	4.5	5.0	5.7	6.4	7.1	6.9	7.6	8.0	8.6	8.6	8.9	8.7	8.4	7.2	4.1	2.2	-0.1	8.9	-0.1	5.6
16	-1.4	-2.2	-3.2	-4.1	-4.4	-3.4	-1.3	1.9	5.6	7.2	8.6	9.4	9.9	10.6	11.0	11.0	11.4	10.4	11.2	10.2	9.4	7.1	4.3	2.0	11.4	-4.4	5.1
17	0.5	-0.7	-1.3	-1.8	-1.9	-0.5	1.5	4.4	8.5	10.2	11.1	12.2	13.0	13.4	13.8	14.4	14.4	13.8	13.2	12.3	11.2	8.3	5.3	3.1	14.4	-1.9	7.4
18	2.1	1.4	0.2	-0.2	0.0	1.5	3.5	7.1	10.9	12.6	13.2	13.4	13.5	14.0	13.9	13.9	14.8	14.5	14.2	13.2	12.0	8.9	5.9	3.4	14.8	-0.2	8.7
19	1.6	0.2	-0.6	-1.1	-0.6	0.5	2.7	5.6	9.0	12.1	13.1	13.7	14.8	13.5	14.4	14.3	14.2	15.2	14.4	14.0	12.8	10.7	8.5	5.8	15.2	-1.1	8.7
20	4.2	2.2	0.3	-0.5	-1.1	-0.2	2.2	5.3	8.8	11.3	12.8	13.9	14.3	14.8	15.2	15.0	15.6	15.4	15.4	15.2	14.8	13.3	9.6	7.6	15.6	-1.1	9.4
21	5.8	4.3	4.0	3.7	4.0	4.9	8.1	12.4	14.0	15.2	15.7	15.8	16.1	16.1	14.9	16.2	17.0	16.3	16.9	16.7	16.4	15.6	12.0	8.7	17.0	3.7	12.1
22	7.4	6.4	5.3	5.4	5.5	6.5	8.5	13.2	14.6	15.9	17.3	17.5	17.8	18.0	18.0	17.7	17.3	16.7	17.7	17.7	16.5	15.5	13.1	12.4	18.0	5.3	13.4
23	11.4	10.4	9.5	8.8	8.4	8.8	9.7	10.8	11.4	10.6	10.9	11.9	13.2	14.5	14.4	13.1	13.4	14.4	14.3	14.4	13.8	12.7	10.8	9.1	14.5	8.4	11.7
24	7.6	6.5	5.6	5.2	5.5	6.3	7.2	8.2	10.0	11.4	13.3	15.4	13.8	13.8	15.7	16.7	17.0	17.1	17.2	16.8	11.8	10.7	10.7	10.1	17.2	5.2	11.4
25	9.8	9.2	8.6	8.3	8.0	8.0	8.3	8.5	8.3	8.3	9.3	9.3	9.4	9.7	10.3	10.2	10.7	10.5	10.5	10.3	9.2	7.7	6.2	5.4	10.7	5.4	8.9
26	3.7	2.7	2.1	1.3	1.5	2.4	4.0	6.6	9.5	11.8	12.9	13.5	14.3	15.4	12.1	10.8	11.3	10.8	9.7	9.9	9.7	8.9	7.8	7.6	15.4	1.3	8.3
27	7.7	7.5	7.0	6.6	6.4	6.3	6.6	7.0	7.5	8.8	10.0	10.9	10.8	10.1	10.2	9.9	10.4	10.4	9.6	9.5	9.4	8.8	7.7	7.0	10.9	6.3	8.6
28	6.9	6.5	6.0	5.7	5.6	5.8	6.3	7.5	9.0	10.5	11.9	12.8	13.7	13.8	14.6	13.9	12.5	12.4	9.9	9.5	9.5	9.0	7.9	6.6	14.6	5.6	9.5
29	5.4	4.6	3.8	3.9	4.3	5.4	6.4	10.8	12.4	12.8	12.6	12.0	10.4	11.3	13.0	13.8	14.1	13.8	14.0	14.2	13.0	9.4	6.7	4.0	14.2	3.8	9.7
30	1.9	1.1	0.3	0.0	1.3	2.7	5.2	8.6	12.7	13.6	14.0	14.4	14.9	15.1	15.9	16.0	16.1	16.4	16.2	15.9	14.5	11.5	8.4	6.1	16.4	0.0	10.1
31	6.1	1.9	0.9	0.0	0.2	1.7	4.6	8.0	11.6	14.4	15.6	15.7	15.0	15.2	14.2	14.4	12.4	12.8	12.0	11.6	10.9	8.9	8.1	8.0	15.7	0.0	9.3
Max	11.4	10.4	9.5	8.8	8.4	8.8	9.7	13.2	14.6	15.9	17.3	17.5	17.8	18.0	18.0	17.7	17.3	17.1	17.7	17.7	16.5	15.6	13.1	12.4	18.0		
Min	-6.4	-7.2	-7.3	-7.3	-7.5	-7.2	-5.7	-5.1	-4.7	-4.2	-3.3	-3.0	-2.4	-1.6	-1.0	-0.3	-0.8	-1.4	-2.0	-2.3	-3.1	-4.1	-4.5	-5.1		-7.5	
Avg.	2.9	1.9	1.1	0.6	0.5	1.2	2.6	5.1	7.4	8.7	9.6	10.2	10.5	10.7	10.8	10.9	10.9	10.9	10.6	10.2	9.3	7.6	5.7	4.2			6.8
																									Max Daily Mean		13.4
																									Min Daily Mean		-3.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	7.3	6.4	6.0	5.9	5.9	5.4	4.9	5.1	5.3	5.5	6.3	7.5	8.5	9.4	10.0	10.7	11.7	11.4	10.4	9.3	7.6	7.0	6.7	5.9	11.7	4.9	7.5
2	4.8	3.7	3.5	3.1	2.7	2.9	3.1	4.1	6.8	9.8	12.2	13.5	14.6	15.4	16.2	16.4	16.6	16.3	16.4	16.1	15.6	14.6	12.3	9.6	16.6	2.7	10.4
3	8.2	7.1	5.8	5.3	5.5	5.8	7.1	9.2	11.7	14.5	16.1	16.8	16.9	14.2	14.3	14.1	15.8	16.8	15.8	12.0	11.4	11.0	10.9	10.7	16.9	5.3	11.5
4	10.4	9.9	9.6	9.3	9.2	9.7	10.1	10.3	10.8	13.1	14.9	17.6	17.2	17.6	18.6	15.5	17.0	17.7	18.5	14.6	12.8	12.2	10.9	9.5	18.6	9.2	13.2
5	8.1	7.3	6.7	6.3	7.2	8.9	11.4	16.7	18.0	18.2	19.4	19.0	15.9	17.0	16.5	17.9	18.7	18.0	18.7	15.2	11.7	12.0	10.3	9.1	19.4	6.3	13.7
6	8.1	7.6	7.8	8.1	8.4	9.4	10.0	11.1	11.9	13.0	12.9	11.6	12.2	13.6	15.3	14.7	15.3	14.6	15.1	15.9	15.9	14.9	12.5	10.5	15.9	7.6	12.1
7	8.7	7.6	6.7	6.2	6.1	6.6	8.6	11.3	13.5	16.1	17.9	19.5	19.9	20.3	20.4	20.5	19.7	19.5	19.3	18.3	17.3	16.1	15.0	14.1	20.5	6.1	14.6
8	13.3	12.5	11.5	10.9	10.9	11.8	13.2	14.4	15.1	17.7	19.4	20.4	21.4	22.2	23.1	18.6	15.3	16.1	17.5	18.7	18.5	16.1	14.6	13.8	23.1	10.9	16.1
9	12.2	10.5	8.8	8.6	9.4	10.9	12.9	14.4	16.1	17.2	17.9	18.5	18.4	18.6	18.1	18.0	18.1	18.5	18.4	18.4	17.8	16.4	15.4	14.0	18.6	8.6	15.3
10	11.6	10.3	8.8	7.3	7.1	8.8	10.6	12.1	14.7	16.9	18.2	20.4	21.3	21.1	19.8	20.3	21.5	19.6	17.3	17.8	17.1	16.2	15.6	14.7	21.5	7.1	15.4
11	13.4	12.0	11.1	10.4	10.5	11.2	11.7	13.0	15.5	18.1	18.8	19.8	20.6	20.9	21.1	20.9	20.9	21.1	20.6	19.9	18.6	16.7	13.6	10.8	21.1	10.4	16.3
12	9.5	8.3	7.7	7.3	9.9	10.9	10.9	11.4	11.4	11.6	11.9	12.2	12.2	11.6	10.8	8.5	8.5	8.6	8.3	8.1	8.1	7.6	6.8	6.5	12.2	6.5	9.5
13	6.1	5.8	5.3	5.2	5.0	4.8	5.2	5.8	6.0	6.5	6.9	7.1	7.7	8.0	8.4	9.1	9.6	9.5	9.4	9.2	8.6	8.1	7.9	7.6	9.6	4.8	7.2
14	7.2	6.9	6.8	6.8	6.9	7.4	8.2	8.7	9.2	10.8	13.0	14.6	15.8	13.8	13.8	14.3	15.2	15.6	15.5	15.2	14.7	13.1	11.7	10.6	15.8	6.8	11.5
15	9.5	7.7	5.5	4.4	4.2	5.3	8.1	11.0	13.6	14.7	14.4	14.0	15.2	16.5	12.6	9.5	11.7	13.9	14.8	14.7	12.9	11.9	10.3	8.5	16.5	4.2	11.0
16	6.3	5.0	4.0	3.5	3.7	4.8	5.8	7.8	11.3	14.1	14.5	15.1	14.7	14.1	14.0	13.9	14.8	15.1	15.1	14.4	13.6	12.0	10.5	9.6	15.1	3.5	10.7
17	9.0	8.7	7.9	7.8	7.7	7.8	8.3	9.0	9.9	10.5	12.0	13.2	14.2	15.3	15.8	11.2	10.4	10.0	10.2	10.7	10.7	9.7	9.1	8.6	15.8	7.7	10.3
18	7.5	6.6	6.0	6.1	6.2	6.1	6.5	8.1	11.1	13.9	16.4	17.9	18.6	18.8	14.9	17.0	18.5	17.9	17.7	17.8	16.7	15.4	13.9	11.4	18.8	6.0	13.0
19	9.6	8.1	6.9	6.1	5.9	6.4	8.0	10.5	12.7	15.3	18.0	20.7	21.8	21.8	22.2	22.2	21.4	21.6	22.6	21.9	20.7	18.9	17.1	14.3	22.6	5.9	15.6
20	12.3	11.1	9.9	9.1	8.4	8.9	11.4	14.2	17.2	19.9	21.0	21.4	20.9	19.4	19.3	21.7	20.9	20.7	21.0	20.3	18.2	15.4	15.6	16.2	21.7	8.4	16.4
21	13.2	10.8	9.1	7.7	7.8	8.9	10.3	11.1	11.9	12.6	14.6	17.3	20.5	22.0	22.7	22.9	22.9	22.5	22.4	21.8	21.0	19.9	17.5	15.0	22.9	7.7	16.1
22	12.7	10.5	9.0	8.2	8.8	10.4	12.7	15.3	17.8	20.4	21.9	22.3	23.9	24.7	25.2	25.9	26.3	25.8	25.7	25.3	25.1	22.6	20.0	16.6	26.3	8.2	19.0
23	14.2	12.1	10.2	9.8	10.4	11.8	14.0	16.7	19.6	21.2	22.3	23.6	24.8	25.7	26.5	26.5	22.3	21.3	21.9	22.6	21.0	19.0	16.9	15.1	26.5	9.8	18.7
24	13.7	12.6	11.6	10.4	10.6	11.7	15.0	18.7	22.3	23.6	24.1	23.4	24.7	23.6	22.9	22.9	22.3	22.1	21.1	20.8	20.1	19.1	17.7	14.6	24.7	10.4	18.7
25	13.8	12.8	12.0	11.0	10.5	11.2	12.4	14.1	15.4	16.3	16.9	17.6	18.2	18.9	19.4	20.2	20.8	20.9	20.6	19.9	18.8	16.9	15.1	12.8	20.9	10.5	16.1
26	10.8	9.2	8.6	8.7	8.9	10.0	11.5	11.7	10.9	11.0	11.3	11.2	11.7	12.0	12.4	12.8	13.6	13.7	12.8	11.9	11.6	11.3	11.0	10.7	13.7	8.6	11.2
27	10.4	10.1	9.8	9.7	9.7	9.8	10.1	10.7	12.2	13.6	14.4	14.7	15.4	15.9	16.0	16.1	15.0	13.6	12.6	12.3	11.8	11.7	11.3	11.2	16.1	9.7	12.4
28	11.1	10.8	10.7	10.4	10.1	9.9	10.0	10.3	10.7	11.4	12.9	12.8	12.8	12.0	11.5	11.5	11.7	12.3	12.5	12.4	12.5	12.3	11.9	11.5	12.9	9.9	11.5
29	11.1	10.3	9.7	9.7	10.1	10.4	10.8	11.3	12.2	14.1	15.2	15.8	16.3	17.1	17.9	17.7	18.3	18.6	16.7	15.1	13.9	13.5	13.0	12.4	18.6	9.7	13.8
30	12.0	11.7	11.4	11.3	11.3	11.3	11.4	11.5	12.0	12.6	13.5	14.6	15.6	16.7	17.5	18.3	17.8	14.8	15.6	15.7	15.6	12.6	11.8	11.2	18.3	11.2	13.7
Max	14.2	12.8	12.0	11.3	11.3	11.8	15.0	18.7	22.3	23.6	24.1	23.6	24.8	25.7	26.5	26.5	26.3	25.8	25.7	25.3	25.1	22.6	20.0	16.6	26.5		
Min	4.8	3.7	3.5	3.1	2.7	2.9	3.1	4.1	5.3	5.5	6.3	7.1	7.7	8.0	8.4	8.5	8.5	8.6	8.3	8.1	7.6	7.0	6.7	5.9		2.7	
Avg.	10.2	9.1	8.3	7.8	8.0	8.6	9.8	11.3	12.9	14.5	15.6	16.5	17.1	17.3	17.2	17.0	17.1	16.9	16.8	16.2	15.3	14.1	12.9	11.6			13.4
																									Max Daily Mean		19.0
																									Min Daily Mean		7.2

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	10.9	10.8	10.8	10.8	10.6	10.8	11.1	11.9	12.6	13.8	15.5	17.0	16.6	14.1	13.7	15.2	16.3	17.9	16.1	13.7	12.3	12.2	11.9	11.5	17.9	10.6	13.3
2	11.2	10.8	10.8	10.8	10.7	11.1	11.9	12.7	13.3	14.2	15.3	16.6	18.0	17.5	18.6	17.7	18.7	16.0	12.9	13.6	13.8	13.1	12.4	11.3	18.7	10.7	13.9
3	10.3	9.9	9.4	9.6	10.0	10.5	10.9	11.1	12.2	12.3	12.9	13.9	15.2	14.4	15.2	15.4	14.6	14.2	13.6	13.4	13.7	13.0	12.7	12.2	15.4	9.4	12.5
4	11.4	11.1	10.4	9.7	9.6	9.7	9.9	10.0	9.8	9.9	10.4	10.9	11.2	11.5	11.6	11.5	12.0	12.2	12.8	12.9	11.6	10.6	9.3	7.4	12.9	7.4	10.7
5	5.6	4.4	3.5	3.2	4.2	5.5	7.3	9.5	12.2	15.1	16.6	17.4	17.0	13.8	14.7	16.3	16.8	17.7	15.5	16.1	16.2	13.8	12.0	10.1	17.7	3.2	11.9
6	8.5	6.9	6.4	5.6	5.6	6.6	9.0	11.5	14.8	15.8	18.0	18.3	18.7	19.2	19.7	20.1	19.7	16.2	16.2	15.3	15.1	14.3	13.2	11.5	20.1	5.6	13.6
7	10.1	9.3	8.5	7.7	7.5	8.8	10.7	13.6	17.1	18.6	19.3	19.7	20.1	20.7	21.0	20.5	20.3	19.3	19.3	16.9	14.5	13.5	12.2	11.9	21.0	7.5	15.0
8	11.7	11.0	10.1	9.1	9.1	9.6	11.0	11.4	12.9	14.1	14.4	15.1	15.5	16.4	16.5	16.6	16.9	17.3	16.9	16.4	15.5	12.6	8.9	6.4	17.3	6.4	13.1
9	4.5	2.8	1.4	0.7	0.6	2.2	4.9	7.9	11.2	14.1	15.8	17.0	17.7	17.5	16.4	16.0	14.5	15.8	16.1	16.0	15.3	14.7	12.7	11.1	17.7	0.6	11.1
10	9.9	8.5	7.7	7.3	7.6	7.7	8.2	11.7	11.7	11.2	11.0	10.9	10.9	10.9	11.5	11.9	11.1	10.6	10.9	10.8	10.4	9.8	9.7	9.4	11.9	7.3	10.1
11	9.0	9.0	8.8	9.5	8.8	8.7	8.7	9.3	9.6	10.6	11.7	12.9	14.3	15.5	16.4	17.0	17.3	18.1	18.2	18.3	16.3	13.8	11.1	8.8	18.3	8.7	12.6
12	7.0	5.2	3.9	3.2	3.8	5.4	7.7	11.0	13.8	15.7	17.4	18.4	19.5	19.8	19.9	20.7	20.6	20.1	19.0	18.5	17.2	16.4	14.7	13.2	20.7	3.2	13.8
13	11.6	10.7	10.1	9.9	9.6	9.6	10.1	11.5	13.5	15.0	15.9	16.4	16.8	17.6	17.9	17.5	16.9	16.5	16.2	16.3	15.8	15.4	14.0	12.9	17.9	9.6	14.1
14	11.8	10.1	8.6	7.3	7.0	7.1	9.2	11.0	13.5	15.3	16.2	17.6	18.1	18.2	18.8	19.1	19.4	19.4	19.5	19.5	18.4	16.5	14.7	13.0	19.5	7.0	14.6
15	11.7	10.9	10.1	9.6	9.3	9.4	10.6	12.4	14.4	15.8	16.3	17.6	17.9	17.6	17.4	17.1	17.0	16.6	15.1	14.1	12.7	12.0	11.3	10.9	17.9	9.3	13.7
16	10.6	10.3	10.4	10.5	10.2	10.1	10.2	10.2	10.3	10.6	10.6	10.7	10.9	10.6	10.6	10.6	10.6	10.6	10.9	11.0	10.7	10.3	10.1	9.9	11.0	9.9	10.5
17	9.6	9.6	9.3	8.8	8.7	8.8	9.8	11.5	12.5	12.8	13.1	12.5	12.9	13.7	14.5	14.6	15.1	15.4	15.1	14.6	13.7	12.7	11.3	10.6	15.4	8.7	12.1
18	9.6	8.4	7.8	7.5	7.2	7.5	8.1	9.0	10.1	11.5	12.5	12.8	13.3	13.6	14.0	14.3	14.4	14.6	14.8	13.9	13.2	12.7	10.9	10.4	14.8	7.2	11.3
19	10.4	9.8	9.5	9.3	9.3	9.3	9.6	9.9	10.3	10.7	11.2	11.4	11.5	11.8	12.5	13.3	13.8	13.5	13.4	12.7	12.3	11.7	11.4	11.2	13.8	9.3	11.2
20	11.3	10.6	10.7	10.9	11.1	10.5	10.4	10.4	10.9	11.8	12.5	13.3	14.1	15.2	16.5	17.6	18.5	19.1	19.3	18.8	17.1	16.1	14.8	13.4	19.3	10.4	14.0
21	13.0	12.8	12.3	12.1	12.5	12.6	13.0	13.7	14.4	15.5	16.9	18.1	18.4	18.8	19.1	19.1	18.3	18.4	18.2	17.0	15.3	14.5	13.8	13.4	19.1	12.1	15.5
22	13.0	12.7	12.3	12.1	11.4	11.6	12.7	14.6	15.7	17.7	19.0	19.8	20.7	21.2	21.3	21.4	21.9	22.0	22.0	21.9	20.8	18.3	15.7	13.6	22.0	11.4	17.2
23	12.7	12.2	11.8	11.8	11.8	12.2	14.2	14.8	15.1	14.9	14.9	15.7	16.3	16.9	17.2	18.3	18.3	18.3	17.5	17.1	16.3	15.1	13.2	11.7	18.3	11.7	14.9
24	10.9	11.0	10.6	10.7	10.8	11.3	12.2	12.7	13.7	13.8	14.2	13.9	13.9	14.1	14.8	14.9	15.2	15.6	16.4	16.0	15.5	14.5	13.1	12.2	16.4	10.6	13.4
25	11.6	11.0	10.7	10.4	10.1	10.1	10.5	11.1	12.2	13.3	14.8	16.4	17.4	17.7	18.3	18.8	19.2	19.9	20.2	20.1	18.2	15.3	12.9	10.5	20.2	10.1	14.6
26	8.6	7.6	6.9	6.9	7.2	7.9	9.3	11.4	14.5	17.7	20.5	21.6	22.3	23.1	23.8	24.5	24.8	25.0	25.1	24.5	21.4	17.6	14.6	12.3	25.1	6.9	16.6
27	10.6	9.3	8.8	8.9	9.5	10.4	11.1	13.2	14.1	17.4	19.5	20.7	21.8	22.5	23.2	23.7	24.0	24.3	23.9	22.6	21.4	19.0	17.2	13.7	24.3	8.8	17.1
28	11.7	10.4	9.3	8.5	7.8	8.5	9.8	12.4	15.3	18.4	20.9	22.0	22.8	24.1	24.8	25.0	26.0	25.9	25.6	25.3	24.0	20.5	17.6	16.2	26.0	7.8	18.0
29	14.8	13.4	12.1	10.9	10.0	10.9	12.6	13.7	15.3	17.1	19.9	21.5	22.2	23.1	21.9	22.1	23.3	22.8	22.4	21.8	20.3	18.8	17.4	14.5	23.3	10.0	17.6
30	12.7	12.1	11.7	10.2	8.9	9.0	9.6	11.9	14.9	16.4	17.6	18.7	19.4	19.9	20.4	20.8	20.5	19.6	18.3	17.2	15.9	14.6	12.6	11.4	20.8	8.9	15.2
31	11.4	7.3	6.6	5.3	5.5	6.0	6.7	7.7	9.6	12.4	14.8	15.8	16.8	17.2	17.6	18.2	18.6	18.5	18.0	17.6	17.0	13.2	11.0	9.5	18.6	5.3	12.6
Max	14.8	13.4	12.3	12.1	12.5	12.6	14.2	14.8	17.1	18.6	20.9	22.0	22.8	24.1	24.8	25.0	26.0	25.9	25.6	25.3	24.0	20.5	17.6	16.2	26.0		
Min	4.5	2.8	1.4	0.7	0.6	2.2	4.9	7.7	9.6	9.9	10.4	10.7	10.9	10.6	10.6	10.6	10.6	10.6	10.9	10.8	10.4	9.8	8.9	6.4		0.6	
Avg.	10.6	9.7	9.1	8.7	8.6	9.0	10.0	11.4	13.0	14.3	15.5	16.3	16.8	17.0	17.4	17.7	17.9	17.8	17.4	16.9	15.9	14.4	12.9	11.5			13.7
																									Max Daily Mean		18.0
																									Min Daily Mean		10.1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	10.0	10.2	9.1	8.1	7.4	7.5	8.8	11.6	15.3	17.1	18.3	19.2	18.7	18.3	19.1	18.7	19.8	19.4	19.1	18.4	17.6	16.8	14.3	12.5	19.8	7.4	14.8
2	10.8	9.9	9.8	9.3	9.2	8.8	9.2	10.2	11.6	13.5	15.0	17.3	17.6	17.5	17.4	17.1	16.8	15.9	14.7	13.6	12.1	10.1	9.3	8.8	17.6	8.8	12.7
3	8.7	8.6	8.3	7.8	7.6	7.8	8.3	8.5	9.4	9.9	9.9	10.3	10.2	9.8	10.4	11.5	11.7	11.1	11.3	11.6	11.3	10.7	10.0	9.7	11.7	7.6	9.8
4	9.2	8.6	7.8	6.5	5.5	5.4	6.5	7.7	8.9	11.0	13.0	13.9	14.7	15.4	15.2	15.1	14.1	13.3	12.3	12.2	11.7	10.8	10.1	9.4	15.4	5.4	10.8
5	8.6	7.6	6.9	6.3	5.9	5.7	6.3	7.8	10.0	11.2	12.9	14.1	15.1	16.2	17.1	17.2	13.6	13.6	15.1	15.2	14.2	11.8	9.8	8.2	17.2	5.7	11.3
6	6.7	5.6	4.8	4.5	3.6	3.7	5.2	6.8	8.2	10.0	12.3	13.6	14.6	16.0	17.4	17.8	17.9	18.4	17.6	16.6	15.4	14.2	12.3	10.6	18.4	3.6	11.4
7	9.1	7.8	7.3	6.9	6.3	6.1	7.5	8.9	11.8	15.3	17.9	18.8	19.7	19.6	19.5	18.4	18.2	17.1	16.0	14.3	13.0	12.0	12.0	11.9	19.7	6.1	13.1
8	11.8	11.3	10.2	9.3	8.1	7.7	8.2	9.1	10.2	11.7	12.8	13.6	14.6	15.5	16.2	16.7	16.8	16.7	16.4	16.1	15.7	14.9	14.1	13.0	16.8	7.7	12.9
9	11.2	9.7	8.9	8.8	8.9	8.9	9.4	10.7	12.3	13.2	14.1	15.4	16.0	16.7	17.7	18.5	18.2	18.2	17.8	17.0	14.0	10.8	8.0	5.7	18.5	5.7	12.9
10	4.3	3.6	2.6	1.6	0.8	0.9	2.0	4.0	7.3	10.7	13.7	16.6	18.1	18.6	18.9	19.5	19.7	19.7	19.2	18.3	15.3	12.3	9.5	7.2	19.7	0.8	11.0
11	5.8	4.4	3.5	2.6	2.3	2.3	3.3	5.4	8.5	11.9	15.2	18.4	19.4	19.9	20.5	20.7	20.4	20.2	20.1	18.8	17.2	15.0	13.5	12.6	20.7	2.3	12.6
12	11.7	11.1	10.7	10.2	9.5	9.2	9.7	10.9	12.3	14.0	16.1	18.6	19.9	19.5	19.8	19.5	18.4	15.0	15.2	14.6	13.9	13.0	11.6	9.9	19.9	9.2	13.9
13	9.0	8.8	8.4	8.3	7.9	7.8	9.0	10.4	12.1	14.2	16.8	18.6	19.6	19.2	19.5	20.4	21.2	21.8	21.5	19.5	16.5	13.3	10.4	8.2	21.8	7.8	14.3
14	7.6	7.0	6.4	5.9	5.3	4.8	5.3	7.6	10.8	14.2	17.8	20.6	22.2	23.0	23.6	23.9	24.0	24.1	22.8	20.4	17.3	13.9	11.7	9.8	24.1	4.8	14.6
15	8.0	6.6	5.6	4.8	4.0	3.9	5.2	8.0	11.1	13.9	16.9	20.4	21.6	22.1	22.3	22.6	22.6	22.6	21.4	20.9	19.0	16.9	15.6	14.5	22.6	3.9	14.6
16	14.1	13.0	12.5	11.8	10.9	10.4	11.0	12.0	13.4	15.3	16.7	17.7	18.4	19.1	19.8	19.9	19.7	20.1	19.4	17.9	17.6	16.4	13.6	12.4	20.1	10.4	15.5
17	10.9	10.7	9.6	8.7	8.5	8.1	8.3	8.7	10.0	12.2	13.6	14.3	14.6	15.1	15.5	15.6	15.9	15.6	15.2	14.9	12.5	10.2	8.0	6.0	15.9	6.0	11.8
18	4.5	3.7	2.4	1.8	0.9	0.7	1.4	3.5	6.9	10.8	13.7	15.9	17.2	18.6	19.1	19.3	19.6	19.1	18.2	16.8	14.2	12.8	10.6	9.3	19.6	0.7	10.9
19	9.1	8.8	8.5	8.3	8.0	6.9	6.5	7.4	10.6	13.7	16.0	17.9	18.9	19.2	19.5	19.7	19.8	19.6	19.2	17.9	15.4	10.8	9.3	8.1	19.8	6.5	13.3
20	6.9	6.3	6.1	6.5	6.4	5.4	5.3	6.3	7.3	8.6	10.3	13.4	15.9	17.0	17.5	17.4	17.4	17.5	16.0	15.1	13.8	12.5	12.0	11.1	17.5	5.3	11.3
21	10.9	11.0	10.1	9.6	9.3	8.6	8.6	8.8	9.4	10.3	10.8	11.2	11.6	12.2	12.4	12.6	12.7	13.3	12.8	12.1	10.3	7.4	5.0	3.1	13.3	3.1	10.2
22	2.0	1.0	0.4	-0.1	-0.3	-0.9	-0.1	1.3	4.0	7.6	11.5	14.5	15.9	17.4	18.6	19.5	20.0	20.4	20.3	19.8	16.5	11.8	10.1	9.7	20.4	-0.9	10.0
23	9.0	8.7	7.9	7.1	5.9	5.2	4.7	6.0	9.9	14.4	17.9	18.9	19.0	19.3	19.2	19.2	19.3	19.0	17.9	16.7	13.9	11.0	9.3	8.4	19.3	4.7	12.8
24	7.9	6.4	4.8	3.5	3.4	3.6	4.0	4.9	7.2	10.9	14.1	15.5	16.2	17.0	17.5	17.6	17.1	16.8	15.6	14.4	12.5	11.4	10.3	9.4	17.6	3.4	10.9
25	8.9	7.8	6.5	5.9	5.6	6.0	6.5	7.0	8.0	10.1	11.3	11.1	11.8	11.7	11.5	13.3	13.5	14.0	13.4	12.7	11.8	10.5	9.4	8.6	14.0	5.6	9.9
26	8.2	7.9	7.4	7.3	6.7	6.2	6.3	6.5	7.2	8.1	9.0	10.7	11.8	12.6	13.5	12.9	12.1	11.9	11.1	10.2	9.6	9.2	9.1	9.0	13.5	6.2	9.4
27	8.8	8.6	8.5	8.6	8.5	8.5	8.8	9.2	10.1	10.4	10.7	11.3	11.7	11.7	11.1	10.5	9.9	8.8	7.7	6.2	6.2	5.9	6.2	6.1	11.7	5.9	8.9
28	5.6	5.1	5.3	4.9	4.8	4.2	3.9	4.4	5.5	6.4	6.6	7.6	7.9	8.4	9.1	9.6	9.8	10.1	9.3	7.4	5.2	2.9	1.5	0.2	10.1	0.2	6.1
29	-0.8	-1.2	-1.3	-1.2	-1.6	-1.8	-0.9	0.4	2.1	4.3	6.8	10.0	11.8	12.9	14.0	14.9	15.4	15.5	14.8	13.2	12.0	10.0	8.5	7.5	15.5	-1.8	6.9
30	5.8	5.1	5.9	5.9	6.2	6.1	6.2	6.8	7.8	9.2	12.4	15.2	18.3	20.2	20.8	21.2	21.2	21.2	19.5	15.7	12.7	10.5	10.0	9.6	21.2	5.1	12.2
31	9.6	7.5	7.4	8.6	12.0	11.7	10.7	9.1	9.6	10.3	11.3	12.4	13.3	13.9	14.2	14.9	15.4	15.2	14.3	12.4	10.4	9.0	8.1	8.1	15.4	7.4	11.2
Max	14.1	13.0	12.5	11.8	12.0	11.7	11.0	12.0	15.3	17.1	18.3	20.6	22.2	23.0	23.6	23.9	24.0	24.1	22.8	20.9	19.0	16.9	15.6	14.5	24.1		
Min	-0.8	-1.2	-1.3	-1.2	-1.6	-1.8	-0.9	0.4	2.1	4.3	6.6	7.6	7.9	8.4	9.1	9.6	9.8	8.8	7.7	6.2	5.2	2.9	1.5	0.2		-1.8	
Avg.	8.2	7.5	6.8	6.4	6.0	5.8	6.3	7.4	9.3	11.4	13.4	15.1	16.0	16.6	17.0	17.3	17.2	16.9	16.3	15.2	13.5	11.6	10.1	9.0			11.7
																									Max Daily Mean		15.5
																									Min Daily Mean		6.1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Temp 10m A (Deg C)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	8.6	8.8	8.6	8.1	8.1	7.9	7.8	7.9	8.4	9.2	10.3	10.9	11.7	12.3	11.8	11.6	11.5	11.9	11.7	10.9	10.3	10.1	9.7	9.4	12.3	7.8	9.9
2	8.9	8.4	7.8	7.8	7.7	7.6	7.6	8.1	8.8	9.7	11.4	12.6	14.1	15.0	15.5	15.9	16.0	15.9	15.6	14.0	11.2	7.6	6.5	4.9	16.0	4.9	10.8
3	3.5	2.6	2.0	2.4	3.1	3.3	3.9	5.2	6.7	9.1	10.5	12.1	13.4	13.4	14.1	15.0	14.9	14.9	13.5	12.7	11.8	10.9	10.6	9.5	15.0	2.0	9.1
4	9.3	8.9	8.1	7.9	7.7	7.1	6.2	6.1	7.5	8.9	10.5	12.4	14.5	15.9	16.6	16.2	15.7	14.8	13.7	13.2	11.9	12.2	10.1	8.2	16.6	6.1	11.0
5	7.1	6.7	5.5	4.6	4.6	5.9	6.1	6.4	11.4	13.7	14.5	14.6	15.0	15.1	14.8	14.5	14.1	13.9	13.2	12.6	12.0	11.5	10.5	8.9	15.1	4.6	10.7
6	7.5	6.2	5.1	4.5	3.7	3.0	2.5	3.3	4.5	5.6	7.1	8.1	8.8	9.7	9.8	7.2	8.0	7.6	7.4	6.6	6.3	5.9	5.2	4.9	9.8	2.5	6.2
7	4.6	4.3	4.0	4.0	3.6	3.3	2.8	2.9	3.3	4.7	5.5	6.3	7.3	8.3	8.9	8.7	9.3	9.3	7.7	4.7	3.1	1.2	-0.4	-1.1	9.3	-1.1	4.8
8	-1.6	-1.9	-1.7	-1.4	-1.1	-0.9	-0.6	-0.8	0.1	2.5	5.6	8.5	8.8	9.4	9.6	8.3	7.9	7.0	5.7	4.4	3.2	1.4	-0.3	-1.2	9.6	-1.9	3.0
9	-1.9	-2.4	-2.9	-3.2	-3.2	-3.0	-1.8	2.6	4.0	6.1	7.2	7.8	8.5	9.0	9.1	8.8	8.5	7.9	6.5	4.6	2.5	0.4	-0.2	-0.4	9.1	-3.2	3.1
10	-0.5	-0.4	-0.3	0.1	2.7	2.3	1.2	0.8	2.3	3.4	3.8	4.2	4.6	5.4	6.0	5.9	5.8	5.7	5.4	3.3	3.3	4.4	3.0	1.0	6.0	-0.5	3.1
11	-0.2	-1.2	-1.8	-2.3	-3.1	-3.1	-3.3	-3.2	-0.3	2.4	4.1	5.9	7.2	8.2	8.8	8.9	8.8	8.9	8.6	7.6	7.0	5.5	3.5	0.7	8.9	-3.3	3.2
12	-0.5	-1.0	-1.6	-2.2	-2.6	-1.9	-1.7	-1.3	0.0	3.3	6.6	7.9	9.0	9.7	10.1	10.2	10.4	10.3	9.3	7.0	4.7	3.0	2.6	1.7	10.4	-2.6	3.9
13	1.0	1.1	1.0	1.1	0.6	0.5	0.5	1.0	1.9	2.7	3.9	5.1	6.2	7.0	7.5	7.8	7.8	7.3	6.9	5.4	4.7	3.2	1.3	-0.6	7.8	-0.6	3.5
14	-2.1	-2.9	-2.6	-2.3	-1.9	-1.3	-1.0	-0.4	0.3	1.4	3.1	5.2	6.6	7.3	7.8	8.5	8.9	9.0	7.8	5.9	3.9	2.4	1.3	1.2	9.0	-2.9	2.8
15	1.2	1.3	1.6	1.8	1.4	1.6	2.0	2.2	2.9	4.5	7.0	9.3	11.1	12.8	13.4	13.8	13.4	13.0	12.6	12.1	12.0	11.8	11.9	11.2	13.8	1.2	7.7
16	11.3	11.2	10.8	11.6	11.5	11.2	10.3	10.0	10.2	12.4	12.7	15.0	16.4	17.1	18.8	18.3	17.9	17.6	17.0	15.9	14.9	14.6	13.4	12.5	18.8	10.0	13.9
17	11.4	10.8	11.1	11.3	10.0	6.7	5.1	8.4	10.6	11.4	11.4	11.6	11.5	11.8	12.0	10.7	10.7	10.9	9.4	7.0	4.4	2.1	1.0	0.3	12.0	0.3	8.8
18	-1.4	-2.2	-2.4	-2.0	-2.4	-2.4	-2.6	-2.3	-1.0	1.3	4.1	6.5	8.1	9.4	10.2	10.7	10.5	9.2	8.7	7.0	5.1	3.2	1.9	1.1	10.7	-2.6	3.3
19	0.3	-0.4	-0.6	-0.7	0.3	1.2	1.7	3.7	4.6	7.9	11.2	12.4	14.6	16.7	17.4	17.8	17.3	18.0	18.0	16.6	15.8	15.0	13.1	12.4	18.0	-0.7	9.8
20	11.0	10.5	9.7	9.9	9.5	9.0	8.3	8.2	8.5	9.3	10.4	11.0	11.2	12.0	12.6	13.5	14.8	15.4	14.5	13.0	11.9	10.8	9.9	9.0	15.4	8.2	11.0
21	7.6	6.7	6.0	5.9	6.0	7.2	12.4	11.3	11.4	12.2	13.8	14.8	15.4	15.6	16.0	16.7	16.6	15.5	12.5	9.9	8.7	8.3	9.1	10.5	16.7	5.9	11.3
22	9.7	7.7	7.3	7.7	7.9	7.8	7.8	9.5	15.6	17.4	17.9	18.6	19.3	19.8	20.6	20.8	19.9	18.4	16.7	16.6	14.6	14.2	15.3	13.3	20.8	7.3	14.4
23	12.4	11.7	11.1	9.6	8.8	7.1	6.3	5.4	6.0	9.1	12.1	14.8	17.2	17.4	17.1	16.5	15.9	15.1	14.0	13.1	11.0	8.7	8.4	9.4	17.4	5.4	11.6
24	7.5	5.7	4.9	4.6	4.1	3.9	3.5	3.0	3.0	3.8	4.3	4.7	5.6	6.6	7.9	8.7	9.4	7.8	5.3	3.2	1.4	0.1	-0.7	-1.1	9.4	-1.1	4.5
25	-1.5	-1.7	-1.8	-1.6	-1.5	-1.2	-0.8	-0.6	0.1	0.9	2.2	5.5	9.7	13.8	14.3	14.2	13.5	12.8	10.4	10.2	10.3	10.0	9.8	10.1	14.3	-1.8	5.7
26	10.2	10.1	9.4	8.5	8.6	8.1	6.7	6.2	6.1	6.5	7.4	9.6	11.7	13.1	13.8	14.3	14.3	12.3	7.0	4.7	4.1	9.8	8.0	8.3	14.3	4.1	9.1
27	8.6	8.4	8.0	7.4	7.7	6.9	4.7	3.9	4.3	4.7	5.1	5.9	6.5	7.5	8.5	9.4	10.2	9.6	6.3	4.4	2.0	0.8	0.4	-0.3	10.2	-0.3	5.9
28	-0.7	-0.4	0.2	1.0	1.2	1.1	1.2	1.6	2.8	3.3	4.2	6.7	9.1	10.9	11.5	11.6	11.1	9.3	6.9	5.6	4.5	3.2	2.1	0.7	11.6	-0.7	4.5
29	0.4	-0.1	-0.3	-1.1	-1.4	-2.1	-2.5	-2.7	-1.5	0.2	2.7	4.9	7.3	9.5	9.6	9.0	8.1	6.9	4.9	2.3	1.2	0.2	0.5	0.4	9.6	-2.7	2.4
30	-0.3	0.0	0.0	0.2	0.3	0.0	-0.2	-0.2	0.3	0.9	1.1	1.3	1.6	1.9	2.3	2.5	2.5	2.3	2.1	1.7	0.7	-0.2	-0.4	-0.4	2.5	-0.4	0.8
Max	12.4	11.7	11.1	11.6	11.5	11.2	12.4	11.3	15.6	17.4	17.9	18.6	19.3	19.8	20.6	20.8	19.9	18.4	18.0	16.6	15.8	15.0	15.3	13.3	20.8		
Min	-2.1	-2.9	-2.9	-3.2	-3.2	-3.1	-3.3	-3.2	-1.5	0.2	1.1	1.3	1.6	1.9	2.3	2.5	2.5	2.3	2.1	1.7	0.7	-0.2	-0.7	-1.2		-3.3	
Avg.	4.4	3.9	3.5	3.4	3.4	3.2	3.1	3.5	4.8	6.3	7.7	9.1	10.4	11.4	11.9	11.9	11.8	11.3	10.0	8.5	7.3	6.4	5.6	4.8			7.0
																									Max Daily Mean		14.4
																									Min Daily Mean		0.8

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.20	0.30	0.70	0.80	1.00	0.70	0.50	0.40	0.10	0.00	-0.10	0.00	-0.20	-0.10	-0.10	0.60	0.70	1.60	0.90	1.20	0.80	0.80	1.10	0.80	1.60	-0.20	0.53
2	1.00	1.20	1.30	0.60	0.50	0.40	0.50	0.30	0.20	0.20	0.20	0.00	0.00	-0.10	0.00	0.10	0.30	0.70	2.20	2.70	1.30	1.30	0.90	2.30	2.70	-0.10	0.75
3	1.30	0.80	1.60	1.60	0.80	1.10	1.20	1.20	0.70	0.70	0.30	0.00	-0.20	0.10	OutCal	OutCal	OutCal	OutCal	1.40	1.50	1.20	1.00	0.70	0.50	1.60	-0.20	0.88
4	0.30	0.30	0.30	0.50	0.50	0.40	0.30	0.30	0.00	-0.20	-0.20	-0.20	-0.30	-0.20	-0.30	-0.20	0.10	1.20	1.30	0.40	0.20	0.40	0.10	0.10	1.30	-0.30	0.21
5	0.20	0.30	0.30	0.50	0.70	1.00	0.40	0.20	0.20	0.30	0.70	0.70	0.30	-0.20	-0.20	0.30	0.80	1.00	1.70	0.90	0.90	1.20	1.10	1.30	1.70	-0.20	0.61
6	1.40	1.50	1.20	1.20	1.00	1.00	0.80	0.50	0.30	0.50	0.40	0.20	-0.10	-0.10	0.90	1.30	1.90	1.60	1.10	0.90	1.80	1.40	1.10	1.00	1.90	-0.10	0.95
7	1.30	0.90	0.70	0.90	1.00	0.70	0.80	0.70	0.40	0.10	-0.10	-0.20	-0.30	0.10	0.60	0.00	0.70	1.10	1.40	1.30	1.30	0.80	0.50	0.90	1.40	-0.30	0.65
8	0.40	0.10	0.10	0.30	0.40	0.30	0.30	0.10	0.00	-0.10	-0.10	0.40	-0.20	-0.10	-0.10	-0.10	0.20	1.30	1.70	1.40	0.70	0.70	0.20	0.80	1.70	-0.20	0.36
9	0.50	0.40	0.60	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.30	-0.20	-0.20	-0.20	-0.20	0.00	0.20	1.20	1.60	0.60	0.30	0.50	0.70	1.60	-0.30	0.21
10	0.40	0.70	0.70	0.90	1.00	1.20	0.50	0.30	0.00	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.10	0.10	0.40	0.50	0.40	1.20	-0.20	0.25
11	0.10	0.20	0.20	0.00	0.00	0.10	0.10	0.20	0.00	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.10	0.30	0.20	0.20	0.50	0.40	0.40	0.50	-0.20	0.08
12	0.40	0.20	0.10	0.10	0.20	0.10	0.30	0.10	0.00	0.40	1.00	1.10	-0.30	-0.40	-0.20	-0.30	-0.10	0.10	0.40	0.20	0.00	-0.10	0.10	0.90	1.10	-0.40	0.18
13	1.20	1.20	1.00	0.90	0.90	0.20	-0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	0.10	0.50	0.80	1.50	1.30	0.70	0.60	0.90	1.50	-0.20	0.43
14	0.50	0.20	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.20	0.10	0.00	-0.10	0.00	0.00	0.00	0.70	1.40	1.20	0.80	0.30	0.20	0.20	0.20	1.40	-0.10	0.28
15	0.30	0.10	0.00	0.00	0.10	0.10	0.10	0.20	0.00	0.10	0.20	0.00	0.00	0.10	0.00	0.10	0.30	0.70	0.80	1.30	0.90	0.60	1.10	0.90	1.30	0.00	0.33
16	0.80	0.30	0.20	0.40	0.80	0.60	0.40	0.30	0.50	-0.10	-0.20	0.00	0.60	0.20	0.30	0.60	0.70	1.00	0.70	0.60	0.70	0.50	0.60	0.40	1.00	-0.20	0.45
17	0.60	0.60	0.10	0.00	-0.10	0.00	0.30	0.20	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.10	-0.20	0.20	0.40	0.60	0.70	0.60	0.50	0.50	0.50	0.70	-0.20	0.19
18	0.20	0.10	0.00	0.10	0.00	0.10	0.50	0.80	0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	0.00	0.80	-0.20	0.02
19	-0.10	0.00	0.00	0.00	0.30	0.30	0.00	0.50	0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.20	0.40	0.60	0.50	0.50	1.00	0.80	0.90	1.00	-0.10	0.23
20	1.20	1.40	1.70	0.80	0.90	0.50	0.60	0.20	0.90	1.00	0.70	0.60	0.10	0.10	0.10	0.20	0.20	0.30	0.30	0.40	0.10	0.20	0.10	0.20	1.70	0.10	0.53
21	0.10	0.20	0.30	0.20	0.10	0.30	0.20	0.10	0.00	0.10	0.10	0.10	0.00	0.00	0.10	0.20	0.30	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.30	0.00	0.14
22	0.20	0.10	0.20	0.20	0.10	0.10	0.20	0.40	1.00	0.80	0.70	1.00	0.80	0.90	1.50	1.10	1.40	1.10	0.80	1.10	1.50	1.60	1.50	1.50	1.60	0.10	0.83
23	1.60	1.20	1.10	1.40	1.30	1.00	0.10	0.30	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	0.10	0.20	0.30	0.20	0.20	0.30	0.70	1.20	1.60	-0.20	0.41
24	1.30	1.40	1.60	1.30	1.50	0.50	0.50	0.30	0.20	0.10	0.00	0.00	-0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.10	1.60	-0.10	0.40
25	0.30	0.60	1.30	1.50	1.90	1.30	1.80	1.30	1.70	2.10	2.90	1.60	0.90	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.30	0.20	0.50	2.90	0.10	0.89
26	1.20	0.90	0.90	1.00	0.80	0.60	0.30	0.20	0.20	0.10	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.30	0.50	0.50	0.60	0.40	0.20	0.20	1.20	-0.10	0.37
27	0.60	0.40	0.20	0.50	0.80	1.30	1.20	0.70	0.90	0.20	0.30	0.20	0.40	1.00	1.10	1.20	1.40	1.30	1.20	0.30	0.20	0.10	0.10	0.20	1.40	0.10	0.66
28	0.20	0.10	0.20	0.40	0.50	0.60	0.10	0.20	0.90	0.40	0.30	0.30	0.10	0.10	0.10	0.20	0.40	1.00	1.00	0.90	1.30	0.20	0.20	0.20	1.30	0.10	0.41
29	0.10	0.60	0.60	0.80	0.90	1.50	1.50	1.50	0.90	0.60	0.50	0.60	0.50	0.20	0.10	0.10	0.30	0.40	0.40	0.20	0.70	1.10	1.00	1.30	1.50	0.10	0.68
30	0.70	0.40	0.10	-0.10	-0.10	0.00	0.00	0.00	0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.10	1.00	0.40	0.20	0.60	0.50	0.80	0.80	1.00	-0.10	0.20
31	0.80	0.10	0.10	0.00	0.40	1.10	0.60	0.50	1.10	1.00	1.30	2.40	2.30	1.30	0.70	0.70	0.90	0.90	1.20	2.40	2.10	1.90	1.60	1.90	2.40	0.00	1.14
Max	1.60	1.50	1.70	1.60	1.90	1.50	1.80	1.50	1.70	2.10	2.90	2.40	2.30	1.30	1.50	1.30	1.90	1.60	2.20	2.70	2.10	1.90	1.60	2.30	2.90		
Min	-0.10	0.00	0.00	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.40	-0.30	-0.30	-0.10	0.00	0.00	0.00	0.00	-0.10	-0.10	0.00		-0.40	
Avg.	0.62	0.54	0.56	0.55	0.59	0.55	0.45	0.39	0.33	0.23	0.25	0.23	0.08	0.05	0.12	0.17	0.40	0.68	0.80	0.78	0.68	0.61	0.57	0.71			0.46
																									Max Daily Mean		1.14
																									Min Daily Mean		0.02

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.60	1.80	1.60	1.40	1.40	0.90	0.90	0.50	0.40	-0.10	-0.10	-0.10	-0.20	-0.10	0.10	0.80	1.50	1.50	1.40	1.60	2.00	1.70	1.60	1.60	2.00	-0.20	0.99
2	1.40	1.50	1.40	1.50	1.20	1.30	1.50	0.90	1.10	0.40	0.30	0.40	0.90	1.10	1.00	1.20	1.20	1.60	1.50	1.80	1.50	2.40	2.40	2.20	2.40	0.30	1.32
3	1.90	0.90	1.40	0.70	0.40	1.00	0.70	1.70	2.40	1.70	1.20	0.90	0.30	0.10	0.10	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.00	2.40	0.00	0.65
4	0.00	0.00	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.03
5	0.00	0.00	0.00	0.00	0.10	0.20	0.40	0.50	0.90	0.80	1.00	1.40	1.90	1.80	1.60	1.10	0.80	0.80	1.80	1.60	0.30	0.20	0.10	0.10	1.90	0.00	0.73
6	0.30	0.20	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.20	0.00	0.10	0.10	0.10	0.10	0.20	0.10	0.10	0.20	0.10	0.10	0.20	1.20	1.00	1.20	0.00	0.20
7	0.90	1.60	0.90	0.80	0.10	0.10	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10	0.30	0.60	0.50	0.10	0.40	0.80	0.60	0.40	1.60	-0.20	0.31
8	0.10	0.00	0.00	0.30	0.30	0.20	0.50	0.40	1.00	0.00	-0.10	-0.10	-0.10	0.30	0.30	0.20	0.40	0.40	0.70	0.90	1.90	1.20	0.80	0.30	1.90	-0.10	0.41
9	0.60	0.60	0.40	0.90	0.60	0.10	0.00	0.00	0.00	0.40	0.00	0.00	0.20	0.20	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.10	0.90	0.00	0.18
10	0.10	0.10	0.20	0.20	0.20	0.30	0.60	1.00	1.10	0.60	0.10	-0.10	-0.10	0.00	-0.10	-0.10	0.00	0.00	-0.10	-0.10	0.00	0.00	0.30	0.20	1.10	-0.10	0.18
11	0.00	0.50	1.00	0.50	0.50	0.50	0.60	0.20	0.10	0.50	1.40	0.80	1.00	1.40	1.10	0.10	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.10	1.40	0.00	0.47
12	0.10	0.10	0.10	0.00	0.40	0.60	0.30	0.20	0.20	0.10	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.20	0.10	0.30	0.20	0.10	0.20	0.40	0.60	0.00	0.16
13	0.50	0.30	0.10	0.20	0.10	0.10	0.30	0.50	0.30	0.70	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.10	0.10	0.70	0.00	0.15
14	0.10	0.10	0.30	0.10	0.00	0.30	1.00	0.90	0.80	0.20	-0.10	0.10	0.30	1.10	1.40	0.90	0.70	0.60	0.90	1.80	0.70	0.30	0.20	0.50	1.80	-0.10	0.55
15	0.50	0.70	0.80	0.70	0.70	0.50	0.30	0.30	0.70	0.50	0.10	0.10	0.60	0.60	0.70	1.20	1.00	1.00	1.20	1.20	1.60	1.50	1.40	1.40	1.60	0.10	0.80
16	1.70	1.70	1.80	1.30	1.80	1.00	0.90	1.00	0.30	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.30	0.70	0.80	0.90	1.10	0.80	0.40	0.00	1.80	-0.20	0.65
17	-0.10	0.00	-0.10	0.00	-0.10	-0.10	-0.10	0.20	0.60	0.50	-0.20	-0.10	-0.10	-0.20	-0.20	0.00	0.60	0.70	0.90	0.50	1.30	1.40	2.00	1.60	2.00	-0.20	0.38
18	1.50	1.70	1.80	1.20	1.90	3.20	3.60	4.20	4.60	3.30	3.40	4.10	2.70	3.70	3.10	1.90	2.20	2.10	1.70	1.40	2.00	1.80	2.40	2.10	4.60	1.20	2.57
19	1.70	2.20	1.60	2.30	2.80	2.20	2.70	2.30	1.70	1.90	1.70	2.20	2.00	2.60	2.60	3.40	3.00	4.00	3.10	1.10	1.50	1.30	1.30	0.70	4.00	0.70	2.16
20	1.40	0.70	0.50	0.40	0.40	0.70	1.00	0.70	0.90	0.80	0.80	1.60	1.50	1.60	1.40	1.40	1.50	1.70	1.90	1.70	1.70	1.40	1.50	1.50	1.90	0.40	1.20
21	1.40	1.60	2.00	1.80	1.70	1.60	2.00	1.40	0.50	-0.20	-0.20	-0.10	0.20	1.00	1.10	1.10	1.30	1.20	1.60	1.40	1.20	0.90	0.50	0.80	2.00	-0.20	1.08
22	0.60	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	-0.20	-0.20	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.50	0.30	-0.10	0.60	-0.20	-0.07
23	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.20	0.70	0.00	-0.10	-0.10	-0.10	0.10	1.00	1.60	1.60	1.50	1.50	2.00	1.60	1.40	1.10	0.90	0.50	2.00	-0.10	0.62
24	0.10	0.50	1.50	1.50	1.90	2.10	2.10	1.30	1.40	1.10	1.00	1.40	1.10	0.80	0.40	0.00	-0.10	-0.10	-0.10	0.50	0.40	0.10	0.00	-0.10	2.10	-0.10	0.78
25	0.00	0.00	0.10	0.10	0.40	0.50	0.70	1.00	1.30	1.70	1.50	1.80	1.30	1.40	1.40	1.60	0.90	0.10	0.10	0.00	-0.10	0.30	0.80	1.10	1.80	-0.10	0.75
26	1.20	1.00	1.00	1.20	1.30	1.70	1.70	1.70	1.70	1.50	1.50	1.10	1.00	0.70	0.80	1.20	1.20	1.60	1.30	1.60	1.30	1.70	1.50	1.80	1.80	0.70	1.35
27	2.00	1.70	1.70	2.20	1.50	1.80	1.70	1.60	2.20	1.90	2.50	3.00	1.40	0.50	0.70	0.50	0.20	0.40	0.70	0.30	0.30	0.20	0.10	0.10	3.00	0.10	1.22
28	0.10	0.20	0.20	0.30	0.30	0.40	0.40	0.40	0.30	0.90	2.00	1.70	1.40	1.40	1.00	1.30	1.50	1.80	2.10	1.40	1.70	1.70	1.80	1.60	2.10	0.10	1.08
29	1.80	2.20	1.60	1.00	0.80	0.40	0.50	0.30	0.00	-0.10	-0.10	-0.10	0.30	1.50	2.20	2.80	2.60	2.10	2.00	1.00	0.90	0.10	0.00	0.00	2.80	-0.10	0.99
30	0.10	0.20	0.20	0.40	1.00	1.50	0.90	1.40	2.10	3.00	3.60	4.30	2.00	0.60	0.50	0.50	0.40	0.20	0.20	0.20	0.20	0.10	0.10	0.10	4.30	0.10	0.99
Max	2.00	2.20	2.00	2.30	2.80	3.20	3.60	4.20	4.60	3.30	3.60	4.30	2.70	3.70	3.10	3.40	3.00	4.00	3.10	1.80	2.00	2.40	2.40	2.20	4.60		
Min	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.00	-0.10		-0.20	
Avg.	0.72	0.73	0.73	0.69	0.72	0.77	0.84	0.84	0.88	0.74	0.70	0.80	0.64	0.76	0.75	0.76	0.77	0.83	0.89	0.77	0.79	0.74	0.75	0.67			0.76
																									Max Daily Mean		2.57
																									Min Daily Mean		-0.07

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.10	0.00	0.10	0.10	0.20	0.70	1.10	0.80	0.60	1.00	1.20	0.90	0.10	0.00	0.10	0.00	0.00	0.40	1.30	1.20	1.30	1.40	1.70	1.40	1.70	0.00	0.65
2	1.50	1.00	1.70	1.20	0.20	0.10	0.00	0.10	0.00	0.00	0.20	0.50	0.50	0.60	1.40	1.40	0.40	0.20	0.30	0.30	0.40	1.30	1.60	0.60	1.70	0.00	0.65
3	0.30	0.10	0.60	1.30	1.30	1.80	0.70	0.40	0.30	0.20	0.10	0.20	0.20	0.10	0.10	0.10	0.10	0.00	0.10	0.20	0.50	0.80	1.20	1.00	1.80	0.00	0.49
4	0.80	1.40	1.70	2.10	2.20	2.50	2.80	3.50	3.20	3.70	1.90	2.90	1.10	0.60	0.50	0.10	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	3.70	-0.10	1.29
5	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.02
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.10	0.00	0.10	0.10	0.10	0.20	0.40	0.90	0.90	-0.10	0.07
7	0.50	0.60	1.20	0.40	0.10	0.20	0.60	0.20	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.20	0.10	0.10	0.00	0.10	0.00	0.10	0.00	1.20	0.00	0.20
8	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.20	0.50	0.50	0.40	0.20	0.60	1.10	1.10	0.90	0.50	0.90	1.20	1.20	1.30	1.40	1.50	1.50	0.00	0.57
9	1.50	0.80	-0.10	-0.10	0.00	0.40	0.50	0.50	0.60	0.70	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	0.10	0.10	0.00	1.50	-0.10	0.17
10	0.00	0.00	-0.10	0.00	0.00	0.20	1.30	1.50	1.60	1.50	2.00	3.00	1.50	0.50	0.60	0.50	0.30	0.20	0.30	0.30	0.30	0.30	0.20	0.00	3.00	-0.10	0.67
11	0.10	0.40	0.90	2.10	0.90	0.90	1.40	1.30	2.20	2.20	0.20	0.10	0.10	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	2.20	0.00	0.56
12	0.10	0.10	0.20	0.00	0.00	0.00	0.00	0.00	0.20	0.10	0.10	0.00	0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.10	0.00	0.10	0.30	0.30	0.00	0.07
13	0.30	0.70	0.50	0.30	0.90	0.20	0.40	0.30	0.70	0.90	0.50	0.10	0.00	0.10	0.50	0.40	0.20	0.00	0.00	0.10	0.10	0.50	0.60	0.60	0.90	0.00	0.37
14	1.10	0.60	0.70	1.00	1.70	1.60	1.20	0.80	0.60	0.70	0.30	0.30	0.30	0.10	0.10	0.00	-0.10	-0.10	0.00	0.00	0.80	1.90	1.90	1.70	1.90	-0.10	0.72
15	1.50	1.80	2.90	1.60	1.80	1.10	1.20	0.40	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.20	1.40	1.00	2.90	0.10	0.72
16	1.40	2.20	1.80	1.30	1.80	2.00	2.00	1.90	2.10	2.30	2.60	3.10	2.90	2.80	1.70	1.40	1.70	1.60	2.40	2.20	2.00	2.50	3.00	2.80	3.10	1.30	2.15
17	2.40	2.60	2.40	2.20	1.70	1.70	1.30	2.00	1.80	1.30	1.10	0.80	0.60	0.80	1.30	1.80	2.40	2.10	2.00	2.00	1.20	1.70	2.20	2.10	2.60	0.60	1.73
18	2.00	2.60	2.00	1.60	1.60	1.00	1.60	0.90	0.20	0.20	0.20	0.70	0.50	0.50	0.80	0.30	0.30	0.30	0.20	0.30	0.30	0.40	0.50	1.10	2.60	0.20	0.84
19	1.00	0.70	1.10	1.10	0.90	0.60	0.20	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.20	0.60	0.60	0.50	0.20	0.30	0.10	0.00	0.50	1.40	1.40	-0.10	0.41
20	0.90	0.90	0.60	1.10	1.80	1.40	1.40	0.40	0.10	0.20	1.00	1.70	1.10	1.70	2.00	2.00	1.90	1.80	2.10	1.80	1.20	0.80	1.70	2.60	2.60	0.10	1.34
21	2.90	2.40	3.60	3.30	2.90	3.10	1.70	1.10	0.90	0.90	1.00	1.10	0.80	0.30	0.10	0.20	0.20	0.60	0.90	0.50	1.40	0.70	2.00	2.80	3.60	0.10	1.48
22	3.30	2.90	1.90	1.00	1.80	1.40	0.60	0.40	0.30	0.30	0.20	0.00	0.00	0.00	0.00	-0.10	-0.10	0.00	0.00	-0.10	0.00	0.30	0.60	0.00	3.30	-0.10	0.61
23	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.40	0.10	0.00	0.00	0.00	0.00	0.30	1.10	0.80	0.20	0.90	0.80	1.10	1.30	1.40	1.60	1.60	-0.10	0.40
24	1.20	0.40	0.30	0.00	0.00	0.00	0.20	0.10	0.00	0.40	1.00	1.60	1.80	1.40	1.40	1.50	1.30	1.10	1.20	1.60	2.30	2.20	1.80	1.70	2.30	0.00	1.02
25	1.10	1.20	1.10	1.00	1.10	0.70	0.00	-0.10	0.10	0.00	-0.10	-0.10	-0.10	-0.10	0.10	0.80	1.10	0.10	0.00	0.40	0.40	0.30	0.30	1.10	1.20	-0.10	0.43
26	1.70	2.10	2.10	3.10	3.40	2.20	1.80	0.80	0.90	0.50	0.30	0.70	0.20	0.40	0.30	0.20	0.90	0.80	0.10	0.50	0.30	0.20	0.10	0.10	3.40	0.10	0.99
27	0.10	0.00	0.10	0.20	0.20	0.30	0.00	-0.20	-0.10	0.00	0.00	0.00	0.50	0.40	-0.10	-0.10	-0.10	-0.10	0.20	1.10	2.40	2.50	1.60	0.70	2.50	-0.20	0.40
28	0.10	0.20	1.10	2.00	1.70	2.30	0.90	1.20	1.40	0.40	0.20	-0.10	-0.10	0.00	-0.10	-0.20	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	-0.20	-0.20	2.30	-0.20	0.40
29	-0.20	-0.10	-0.20	-0.20	-0.10	-0.10	0.00	0.10	0.60	1.00	1.20	0.70	0.70	0.40	0.20	0.50	1.00	1.20	1.50	1.30	1.30	1.30	1.40	1.40	1.50	-0.20	0.62
30	1.10	0.60	-0.10	0.00	0.40	0.40	0.50	0.80	1.30	1.20	0.80	1.10	0.90	1.10	1.00	0.70	0.90	0.70	0.90	-0.20	-0.20	0.10	0.00	-0.10	1.30	-0.20	0.58
31	-0.10	0.90	1.10	0.60	1.10	0.70	0.60	0.90	1.00	1.10	0.70	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.30	1.30	1.40	0.70	1.20	1.70	1.60	1.70	-0.20	0.67
Max	3.30	2.90	3.60	3.30	3.40	3.10	2.80	3.50	3.20	3.70	2.60	3.10	2.90	2.80	2.00	2.00	2.40	2.10	2.40	2.20	2.40	2.50	3.00	2.80	3.70		
Min	-0.20	-0.10	-0.20	-0.20	-0.10	-0.10	0.00	-0.20	-0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.10	-0.20	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	-0.20	-0.20		-0.20	
Avg.	0.86	0.87	0.94	0.91	0.95	0.88	0.78	0.66	0.69	0.69	0.56	0.63	0.44	0.40	0.44	0.47	0.48	0.40	0.55	0.55	0.62	0.79	0.95	0.96			0.69
																									Max Daily Mean		2.15
																									Min Daily Mean		0.02

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.50	1.30	1.10	1.20	0.70	1.30	1.20	1.30	0.50	-0.20	-0.20	-0.20	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	-0.10	-0.20	1.50	-0.20	0.32
2	-0.20	-0.10	-0.10	-0.20	-0.20	-0.10	0.10	0.50	1.00	0.90	0.50	0.70	0.90	0.60	0.60	1.00	1.60	1.10	1.40	1.70	1.80	1.80	2.00	2.30	2.30	-0.20	0.82
3	1.90	1.20	1.50	0.70	0.60	0.50	0.20	0.00	0.00	0.30	0.90	0.70	0.80	0.30	0.00	0.40	1.10	1.20	1.00	1.10	1.10	0.90	0.60	0.50	1.90	0.00	0.73
4	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	0.20	0.20	0.20	-0.20	-0.14
5	0.40	0.90	0.90	1.00	1.60	1.60	2.20	2.40	2.00	2.20	1.00	0.60	0.20	0.10	0.10	0.10	0.10	0.10	0.10	-0.10	-0.10	0.30	-0.10	-0.10	2.40	-0.10	0.73
6	-0.20	-0.10	-0.10	-0.10	0.20	0.40	0.30	0.00	-0.10	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	0.60	1.50	1.60	1.40	1.60	1.90	1.90	1.80	1.90	-0.20	0.51
7	1.70	0.90	1.40	1.20	0.20	0.00	0.20	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10	1.70	-0.20	0.14
8	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.10	0.70	1.10	0.90	0.80	0.30	0.00	0.00	1.10	-0.20	0.09
9	0.50	1.00	1.70	1.40	1.00	1.60	1.00	1.60	2.10	1.90	2.60	2.60	2.30	2.30	2.00	1.80	1.70	0.90	1.10	0.70	0.50	0.50	0.20	0.10	2.60	0.10	1.38
10	0.10	0.80	0.80	0.30	0.00	0.10	0.10	0.10	0.10	0.00	0.00	0.10	0.10	0.20	0.80	1.30	1.20	1.10	1.30	1.50	1.50	1.40	1.40	2.40	2.40	0.00	0.70
11	2.90	2.90	3.10	4.80	1.60	0.60	0.90	2.20	1.80	2.80	1.80	2.50	1.50	1.70	1.80	1.80	2.00	2.60	2.60	2.60	2.70	2.50	2.00	2.30	4.80	0.60	2.25
12	2.10	1.70	1.20	0.50	0.10	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	2.10	-0.10	0.17
13	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.40	1.20	1.00	1.00	0.60	0.60	0.60	0.70	1.10	0.50	0.60	1.20	1.70	1.20	0.90	1.00	1.70	-0.10	0.58
14	1.10	0.90	1.30	1.30	1.20	1.80	1.30	1.70	2.00	1.70	1.80	1.60	1.50	1.30	1.30	1.60	1.70	1.90	2.20	1.80	1.60	1.80	2.10	1.40	2.20	0.90	1.58
15	1.40	2.10	1.60	1.40	1.80	1.50	1.70	1.50	1.70	1.20	1.20	1.20	1.10	0.90	0.60	0.20	0.00	-0.20	0.00	0.30	1.10	1.10	1.20	0.20	2.10	-0.20	1.03
16	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	0.20	0.80	1.80	1.50	1.40	1.40	1.40	1.50	1.70	2.10	1.90	2.20	1.80	1.80	1.90	2.10	2.20	-0.20	1.00
17	2.20	1.80	2.60	2.50	2.50	2.40	2.40	2.00	2.50	2.20	2.10	2.00	1.70	1.60	1.70	1.60	1.70	1.60	2.20	2.00	2.70	2.60	2.60	1.90	2.70	1.60	2.13
18	2.20	2.10	3.30	2.80	2.60	2.60	3.00	2.60	2.70	2.90	2.60	2.10	1.70	0.90	1.30	0.90	1.60	1.40	1.30	1.10	2.10	2.20	2.00	2.40	3.30	0.90	2.10
19	2.40	3.00	2.50	2.00	1.00	1.60	2.00	1.50	1.50	1.00	0.90	0.80	0.70	0.40	0.80	1.30	2.10	2.00	2.70	3.30	3.90	3.50	3.20	3.60	3.90	0.40	1.99
20	4.50	3.50	2.70	2.70	2.60	2.70	2.00	2.80	3.50	2.20	2.40	4.20	4.20	4.50	4.00	3.90	3.70	3.70	2.80	3.70	4.50	3.20	2.30	1.70	4.50	1.70	3.25
21	1.40	1.80	1.40	1.60	0.80	0.70	1.20	1.90	1.10	1.10	2.00	0.80	-0.10	-0.10	-0.10	-0.10	0.30	0.40	1.90	0.40	0.00	0.00	0.00	0.00	2.00	-0.10	0.77
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.10	0.20	0.00	0.02
23	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.03
24	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.08
25	-0.10	-0.10	-0.20	-0.20	-0.30	-0.20	-0.30	-0.30	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.30	-0.19
26	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	-0.20	-0.10	-0.10	-0.10	0.00	0.40	1.10	1.10	-0.20	-0.05
27	0.90	1.10	0.80	0.90	1.00	0.70	1.00	0.90	1.40	1.00	1.00	0.90	0.70	0.20	0.20	0.50	0.40	1.20	1.40	1.60	1.70	1.60	2.00	1.90	2.00	0.20	1.04
28	1.80	1.70	1.60	1.90	1.60	1.60	1.70	2.00	1.50	1.80	1.10	1.40	0.90	0.90	1.20	1.60	1.80	1.80	2.20	1.90	1.70	2.20	2.30	2.40	2.40	0.90	1.69
29	2.20	2.70	2.10	2.70	2.50	2.10	2.00	2.30	1.80	1.60	0.80	0.80	0.10	-0.20	-0.10	0.00	0.10	0.50	1.40	1.30	1.80	1.70	1.30	1.50	2.70	-0.20	1.38
30	1.70	1.30	0.80	1.10	2.30	2.00	1.60	1.00	0.20	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.20	0.30	0.70	0.90	0.10	0.00	0.00	2.30	-0.10	0.56
31	0.00	-0.10	-0.10	0.00	0.30	0.20	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	0.10	0.40	1.50	1.20	1.90	2.20	2.10	2.40	2.30	3.00	3.00	3.00	-0.10	0.83
Max	4.50	3.50	3.30	4.80	2.60	2.70	3.00	2.80	3.50	2.90	2.60	4.20	4.20	4.50	4.00	3.90	3.70	3.70	2.80	3.70	4.50	3.50	3.20	3.60	4.80		
Min	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	-0.30	-0.30	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.20		-0.30	
Avg.	1.02	1.02	1.00	0.99	0.80	0.80	0.80	0.88	0.87	0.83	0.78	0.78	0.61	0.53	0.56	0.66	0.80	0.88	1.04	1.04	1.19	1.11	1.06	1.07			0.88
																									Max Daily Mean		3.25
																									Min Daily Mean		-0.19

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	2.30	0.80	0.10	0.10	0.60	0.60	0.70	0.40	0.50	0.50	0.00	0.00	0.00	0.00	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	2.30	0.00	0.34
2	0.50	0.50	0.80	0.80	0.30	0.20	0.30	1.40	1.60	1.20	2.00	3.10	3.20	2.70	2.10	2.70	3.20	2.90	0.30	0.50	1.40	1.40	1.40	0.80	3.20	0.20	1.47
3	1.90	2.20	2.70	0.60	-0.10	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.60	0.70	0.60	0.60	0.90	2.70	-0.20	0.38
4	0.90	0.70	1.30	1.90	1.60	1.70	2.10	2.60	1.10	0.50	0.30	0.20	0.10	0.20	0.20	0.20	0.60	0.60	0.30	0.20	0.30	0.60	0.50	0.30	2.60	0.10	0.79
5	0.60	1.50	1.50	0.80	0.40	0.20	0.30	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.20	0.20	0.20	0.30	1.50	0.10	0.33
6	0.30	0.30	0.20	0.30	0.30	0.40	0.30	0.20	0.30	0.40	0.20	0.30	0.30	0.40	0.70	0.40	0.40	0.40	0.80	1.40	1.70	1.40	1.30	1.90	1.90	0.20	0.61
7	1.80	3.10	2.60	2.00	1.70	3.20	4.20	3.20	1.90	0.50	0.30	0.50	0.30	0.20	0.10	0.20	0.20	0.20	0.10	0.10	0.20	0.30	0.40	0.20	4.20	0.10	1.15
8	0.30	0.20	0.10	0.10	0.10	0.20	0.10	0.50	1.00	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.00	0.10	0.18
9	0.20	0.10	0.10	0.10	0.10	0.20	0.70	1.20	1.60	1.60	2.20	3.00	3.20	2.10	1.30	0.80	0.30	0.20	0.10	0.20	0.40	0.10	0.10	0.10	3.20	0.10	0.83
10	0.10	0.10	0.10	0.10	0.20	0.30	0.40	0.30	0.00	0.10	0.00	0.20	0.20	0.10	0.20	0.30	0.50	0.50	0.40	0.30	0.80	1.30	1.80	2.20	2.20	0.00	0.44
11	2.10	2.50	2.60	2.80	3.70	3.00	1.60	2.20	2.00	3.00	1.70	1.00	0.40	0.20	0.20	0.20	0.20	0.10	0.20	0.20	0.10	0.20	0.20	0.30	3.70	0.10	1.28
12	0.30	0.20	0.10	0.20	0.40	1.10	1.20	1.10	1.00	0.80	0.20	0.10	0.10	0.20	0.50	0.30	1.90	0.90	0.80	1.40	0.50	0.70	1.10	1.50	1.90	0.10	0.69
13	2.10	2.20	2.60	2.80	2.80	3.20	4.00	4.80	3.30	2.50	1.40	0.40	0.70	0.60	0.60	0.70	0.90	0.30	0.30	0.40	0.40	0.40	0.40	0.40	4.80	0.30	1.59
14	0.40	0.30	0.80	1.20	0.90	0.50	0.30	0.30	0.90	1.20	1.00	0.50	0.10	0.00	0.10	0.10	0.60	1.10	0.40	0.40	0.70	1.50	2.60	3.80	3.80	0.00	0.82
15	3.50	1.80	0.80	0.50	0.40	0.40	0.90	0.50	0.40	0.30	0.10	0.10	0.20	0.40	0.40	0.30	0.40	0.20	0.20	0.10	0.10	0.10	0.10	0.10	3.50	0.10	0.51
16	0.20	0.20	0.20	0.70	1.10	0.80	1.70	1.90	1.90	1.80	1.90	2.50	2.10	1.80	1.30	1.80	1.60	2.00	1.60	2.40	2.30	2.50	3.00	2.70	3.00	0.20	1.67
17	2.00	2.80	2.80	3.20	3.00	2.60	3.10	3.40	3.50	2.70	2.20	2.00	1.90	1.70	1.30	1.30	1.70	2.10	3.10	3.20	3.60	3.20	3.50	3.00	3.60	1.30	2.62
18	3.50	3.50	3.10	2.50	1.20	2.00	2.30	2.20	2.20	2.70	2.70	1.70	0.80	0.60	1.00	0.40	0.40	0.80	1.00	1.60	1.10	1.10	1.60	1.60	3.50	0.40	1.73
19	1.40	2.50	1.50	2.70	2.90	1.90	1.50	2.00	1.60	1.10	1.20	1.70	0.50	0.20	0.20	0.30	0.30	0.60	0.60	0.60	0.30	0.40	0.40	0.50	2.90	0.20	1.12
20	1.00	1.30	1.40	0.60	1.00	0.60	0.90	0.50	0.20	0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.70	0.50	0.60	1.40	0.00	0.43
21	1.50	1.10	1.90	1.80	1.00	1.20	1.10	0.90	0.80	0.50	0.10	0.10	0.40	0.30	0.00	0.20	0.40	1.10	0.60	0.30	0.60	0.50	0.30	0.20	1.90	0.00	0.70
22	0.20	0.30	0.20	0.30	0.40	0.80	1.10	0.60	0.50	0.20	0.00	0.10	0.00	-0.10	0.00	0.00	0.30	0.90	0.60	0.20	0.60	0.30	0.10	0.30	1.10	-0.10	0.33
23	0.20	0.40	0.30	0.20	0.30	0.40	0.30	0.40	0.30	0.20	0.00	0.00	0.00	0.00	0.00	0.30	0.80	1.10	1.40	1.40	1.20	1.50	1.20	0.70	1.50	0.00	0.53
24	0.80	0.80	0.40	0.20	0.30	0.40	0.50	0.40	0.40	0.10	0.00	0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.80	-0.10	0.18
25	0.30	0.00	0.50	0.30	0.00	0.20	0.20	0.10	0.00	-0.10	-0.10	-0.20	-0.10	-0.20	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.50	-0.20	0.06
26	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.10	0.00	0.10	0.10	0.10	0.10	0.00	0.20	0.50	0.60	1.90	1.50	0.50	0.10	0.10	0.10	1.90	-0.10	0.25
27	0.10	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	0.00	-0.10	0.10	-0.10	-0.01
28	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.80	0.20	0.00	0.10	0.40	0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	0.10	0.20	0.10	0.30	0.80	-0.10	0.05
29	0.60	0.80	0.80	0.10	-0.10	0.10	0.80	1.00	0.90	0.40	0.20	0.00	0.00	0.00	-0.10	0.00	0.00	0.40	0.40	0.80	1.40	2.30	2.60	1.40	2.60	-0.10	0.62
Max	3.50	3.50	3.10	3.20	3.70	3.20	4.20	4.80	3.50	3.00	2.70	3.10	3.20	2.70	2.10	2.70	3.20	2.90	3.10	3.20	3.60	3.20	3.50	3.80	4.80		
Min	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.10	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10		-0.20	
Avg.	1.00	1.04	1.01	0.93	0.84	0.89	1.08	1.12	0.97	0.78	0.62	0.61	0.50	0.40	0.36	0.38	0.54	0.60	0.54	0.63	0.68	0.75	0.84	0.84			0.75
																									Max Daily Mean		2.62
																									Min Daily Mean		-0.01

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.00	1.80	2.10	1.70	2.40	1.80	2.80	1.70	1.40	1.00	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.60	0.50	0.30	0.30	2.80	0.00	0.83
2	0.70	1.20	1.50	1.30	1.40	1.80	2.90	2.50	1.80	0.30	0.20	0.00	0.00	0.10	0.10	0.20	0.20	0.30	1.20	1.30	1.40	1.20	1.00	1.10	2.90	0.00	0.99
3	1.10	0.80	0.10	-0.10	0.00	0.00	-0.10	0.00	0.00	0.10	0.00	-0.10	-0.20	-0.10	-0.10	-0.10	0.00	0.20	0.50	0.90	0.50	0.90	1.20	0.90	1.20	-0.20	0.27
4	0.30	0.70	1.20	1.30	0.40	0.50	0.70	0.80	1.10	0.60	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.10	0.60	1.20	1.50	0.50	0.60	1.40	1.80	1.80	-0.10	0.62
5	2.40	2.70	2.60	2.80	2.50	2.30	1.40	1.30	0.60	0.40	0.20	0.10	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	2.80	-0.10	0.80
6	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.00	-0.10	0.00	0.10	0.00	0.10	-0.10	-0.10	0.00	0.00	0.10	0.10	0.20	0.10	0.10	0.00	0.20	-0.10	-0.01
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.20	-0.10	-0.20	-0.10	-0.10	0.00	0.30	0.30	0.30	0.20	0.40	0.90	0.90	-0.20	0.06
8	0.90	0.90	0.60	0.90	0.90	1.10	0.90	2.00	1.10	0.90	0.20	0.00	0.00	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	-0.10	0.42
9	0.00	0.00	0.00	0.00	0.00	0.20	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.30	-0.20	-0.30	-0.20	-0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.20	-0.30	-0.03
10	0.00	-0.10	0.00	0.10	0.00	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.30	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.10	0.30	0.20	0.20	0.30	-0.30	-0.03
11	0.20	0.10	0.20	0.10	0.10	0.10	0.20	0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.10	0.00	0.10	0.20	-0.20	0.01
12	0.00	0.00	0.10	0.00	0.00	-0.10	0.00	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.30	0.40	0.50	0.20	0.50	-0.20	0.03
13	0.10	0.20	0.20	1.00	1.20	1.40	1.50	2.40	0.50	0.50	0.50	0.00	0.00	-0.10	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	2.40	-0.10	0.42
14	0.50	0.50	0.20	0.30	0.20	0.20	0.20	0.10	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.40	0.50	0.00	0.15
15	0.60	0.30	0.20	0.30	0.40	1.50	1.30	1.20	0.60	0.40	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.20	0.60	0.40	0.30	1.50	0.00	0.37
16	0.40	0.50	0.60	0.50	0.50	0.20	0.30	0.40	0.10	0.00	0.00	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.10	0.10	0.20	0.60	-0.10	0.16
17	0.40	0.30	0.30	0.80	1.10	1.50	1.80	1.30	1.30	1.60	1.00	0.00	-0.20	-0.30	-0.20	0.00	0.10	0.20	0.20	1.00	1.20	1.10	1.30	1.30	1.80	-0.30	0.71
18	0.90	0.50	0.40	-0.10	-0.10	0.00	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	0.10	0.50	0.70	0.40	0.50	1.00	1.50	1.50	-0.20	0.19
19	1.50	1.30	1.70	1.80	1.30	1.60	1.60	1.10	0.30	1.50	1.00	-0.20	-0.10	-0.20	-0.10	-0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.10	-0.10	1.80	-0.20	0.60
20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.20	0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.20	-0.20	-0.10
21	0.00	0.00	-0.10	0.00	0.20	0.20	0.20	0.80	1.30	1.50	0.70	-0.10	-0.10	-0.10	-0.20	-0.20	-0.10	-0.10	0.00	0.10	0.30	0.20	0.30	0.90	1.50	-0.20	0.24
22	0.80	1.10	1.20	1.70	1.50	1.80	1.60	1.20	1.00	0.40	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.10	0.40	0.40	0.60	1.30	1.70	2.80	2.80	-0.20	0.78
23	3.30	3.10	2.80	2.70	2.60	1.60	0.70	0.70	0.40	0.70	0.10	0.00	-0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.20	0.10	0.10	0.00	0.00	3.30	-0.10	0.80
24	0.00	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.00	0.00	0.10	0.50	0.80	0.80	-0.10	0.05
25	0.70	0.70	0.30	0.30	0.10	0.50	1.20	0.50	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.10	0.20	0.20	0.10	0.10	0.40	1.10	1.20	-0.10	0.24
26	0.70	0.90	1.40	2.40	2.60	2.70	3.00	2.90	3.10	0.50	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.30	0.20	0.40	0.50	1.30	3.00	3.70	3.70	-0.10	1.23
27	2.70	2.00	1.90	1.50	1.40	0.70	0.70	0.50	1.80	0.70	0.00	0.10	0.00	-0.10	0.00	0.00	0.00	0.10	0.20	0.20	0.30	0.70	0.90	0.40	2.70	-0.10	0.70
28	0.30	0.40	0.50	0.70	1.30	0.90	0.50	0.60	1.40	1.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.20	0.40	0.60	0.80	0.30	0.40	1.40	0.00	0.44
29	0.40	0.60	1.10	1.20	1.20	1.90	1.40	0.90	0.70	0.70	0.00	0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.10	0.20	0.20	1.90	0.00	0.49
30	0.40	0.40	0.30	0.40	0.40	0.60	0.50	0.60	0.50	0.40	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.40	0.40	1.00	0.80	1.50	1.50	1.00	1.50	0.00	0.47
31	1.00	0.70	0.40	0.10	0.10	0.00	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	0.00	-0.10	0.00	0.10	0.00	0.00	0.00	1.00	-0.20	0.05
Max	3.30	3.10	2.80	2.80	2.60	2.70	3.00	2.90	3.10	1.60	1.00	0.10	0.10	0.10	0.10	0.20	0.20	0.60	1.20	1.50	1.40	1.50	3.00	3.70	3.70		
Min	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10		-0.30	
Avg.	0.68	0.69	0.70	0.76	0.76	0.81	0.82	0.76	0.60	0.41	0.11	-0.06	-0.08	-0.09	-0.09	-0.05	-0.01	0.09	0.21	0.31	0.31	0.42	0.55	0.66			0.39
																									Max Daily Mean		1.23
																									Min Daily Mean		-0.10

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.10	0.10	0.40	0.20	0.00	0.20	0.20	-0.10	-0.10	-0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.10	0.20	0.10	0.10	0.10	0.40	-0.20	0.02
2	0.10	0.00	0.00	0.10	0.10	0.10	0.00	-0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.20	-0.20	-0.10	0.00	0.10	0.00	0.00	0.00	0.10	-0.30	-0.09
3	0.10	-0.10	0.00	-0.10	0.10	0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.20	-0.30	-0.20	-0.20	0.00	0.20	0.20	0.30	0.30	0.60	0.60	-0.30	-0.03
4	1.10	1.40	1.30	1.70	1.70	1.90	1.60	1.80	0.90	0.10	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.10	0.30	0.30	0.50	0.50	1.00	0.90	1.90	-0.20	0.68
5	1.00	0.70	0.60	0.60	0.60	0.40	0.30	0.20	0.10	0.00	0.00	0.00	-0.10	-0.10	-0.20	-0.10	0.10	0.50	1.20	0.70	1.00	1.20	1.00	0.80	1.20	-0.20	0.44
6	1.00	0.80	1.00	0.90	0.90	1.20	0.70	0.20	0.00	0.00	0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.70	0.80	1.10	0.80	0.50	0.50	1.20	-0.10	0.45
7	0.40	0.60	0.40	0.60	0.40	0.20	0.20	0.00	0.40	0.50	-0.10	-0.20	-0.30	-0.30	-0.30	-0.20	-0.10	0.00	0.30	1.40	1.40	1.10	0.60	0.30	1.40	-0.30	0.30
8	0.80	0.60	0.50	0.00	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.10	-0.10	0.10	0.20	0.20	0.10	0.30	0.40	0.80	-0.30	0.04
9	0.20	0.10	0.00	0.00	0.10	0.40	0.50	0.20	0.40	-0.10	-0.20	-0.20	-0.30	-0.30	-0.20	-0.20	-0.10	0.00	0.20	0.40	0.80	0.70	0.50	1.00	1.00	-0.30	0.16
10	1.30	1.10	1.00	0.40	0.60	0.60	0.50	0.70	0.40	0.20	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.10	0.10	1.20	0.80	0.50	0.60	0.60	1.30	-0.10	0.43
11	0.90	0.50	0.50	0.50	0.40	0.70	0.40	0.30	0.90	0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.20	0.40	0.90	1.20	1.10	1.40	1.40	-0.10	0.42
12	0.80	1.10	1.40	1.60	1.40	1.20	1.20	1.10	1.00	0.00	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.00	0.20	0.30	0.30	0.30	0.30	0.40	0.50	1.60	-0.20	0.53
13	0.40	0.70	1.10	0.70	0.50	0.80	0.50	0.80	0.20	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.10	-0.20	0.23
14	0.00	0.00	0.10	0.10	0.10	0.10	0.00	0.00	0.00	-0.20	-0.10	-0.20	-0.30	-0.10	-0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.30	0.60	0.60	-0.30	0.03
15	0.30	0.20	0.30	0.30	0.30	0.20	0.20	0.30	0.00	-0.20	-0.30	-0.30	-0.30	-0.30	-0.40	-0.40	-0.30	-0.20	-0.10	1.30	2.60	1.50	1.20	2.00	2.60	-0.40	0.33
16	1.10	1.00	0.50	0.50	0.30	0.20	0.10	0.10	0.00	-0.10	-0.30	-0.40	-0.40	-0.40	-0.40	-0.40	-0.30	-0.30	-0.10	0.30	1.40	1.20	1.50	1.90	1.90	-0.40	0.29
17	2.10	1.90	2.00	2.00	1.80	1.40	1.30	0.60	0.20	-0.20	-0.30	-0.40	-0.40	-0.60	-0.60	-0.30	-0.30	-0.30	-0.10	0.40	1.90	0.50	0.80	1.00	2.10	-0.60	0.60
18	1.30	1.30	1.10	1.00	0.30	0.00	0.00	-0.10	-0.20	-0.30	-0.40	-0.40	-0.10	-0.40	-0.40	-0.20	-0.30	-0.30	-0.20	0.30	1.70	1.00	0.70	1.50	1.70	-0.40	0.29
19	0.50	0.90	1.30	1.10	0.80	0.80	1.00	1.80	0.80	-0.30	-0.40	-0.30	-0.40	-0.50	-0.40	-0.30	-0.40	-0.20	-0.10	0.30	0.70	0.50	0.10	0.10	1.80	-0.50	0.31
20	0.70	1.10	1.80	1.20	1.70	1.20	1.00	0.60	0.00	-0.30	-0.40	-0.30	-0.40	-0.30	-0.20	-0.20	-0.30	-0.20	-0.30	-0.10	0.00	0.50	0.90	0.50	1.80	-0.40	0.34
21	0.70	0.30	0.60	0.90	0.40	0.00	0.00	-0.20	-0.30	-0.20	-0.20	-0.10	-0.40	-0.40	-0.30	-0.30	-0.30	-0.20	-0.20	-0.10	0.60	1.50	1.40	1.20	1.50	-0.40	0.18
22	1.10	0.80	0.50	0.20	0.10	0.10	-0.10	0.40	-0.20	-0.30	-0.40	-0.40	-0.40	-0.30	-0.40	-0.40	-0.30	-0.20	0.30	0.70	0.50	0.70	0.70	0.90	1.10	-0.40	0.15
23	0.90	0.40	0.20	0.20	0.10	0.00	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.30	-0.40	-0.30	-0.40	-0.40	-0.40	-0.10	0.20	0.40	0.90	1.00	1.30	1.30	-0.40	0.08
24	0.90	1.10	1.30	1.20	1.20	0.90	0.90	1.50	0.00	-0.40	-0.40	-0.50	-0.50	-0.50	-0.60	-0.30	0.00	0.00	0.00	0.10	0.50	0.40	0.50	0.60	1.50	-0.60	0.33
25	1.10	0.60	0.60	0.50	0.50	0.40	1.00	0.70	-0.20	-0.30	-0.60	-0.50	-0.40	-0.50	-0.40	-0.30	-0.40	-0.40	-0.20	0.10	0.80	0.70	0.50	0.90	1.10	-0.60	0.18
26	1.20	1.30	1.50	1.60	1.20	0.90	0.90	0.40	-0.20	-0.30	-0.40	-0.60	-0.60	-0.70	-0.70	-0.50	-0.50	-0.30	-0.30	-0.10	0.20	0.10	0.50	0.20	1.60	-0.70	0.20
27	0.80	1.00	1.20	1.40	1.30	1.00	0.80	0.00	-0.30	-0.40	-0.50	-0.50	-0.50	-0.70	-0.60	-0.50	-0.40	-0.30	-0.30	-0.20	-0.10	0.10	0.30	0.20	1.40	-0.70	0.12
28	0.30	0.50	0.30	0.50	0.50	0.10	-0.10	-0.20	-0.20	-0.30	-0.50	-0.40	-0.40	-0.50	-0.40	-0.30	-0.30	-0.10	0.50	0.40	0.70	1.70	0.80	0.50	1.70	-0.50	0.13
29	0.80	0.70	0.40	0.20	0.50	0.40	0.10	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.40	-0.40	-0.30	-0.30	-0.30	-0.20	-0.20	-0.10	0.10	0.30	0.50	0.80	-0.40	0.00
30	0.30	0.40	0.10	0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.70	Audit	Audit	-0.20	-0.30	-0.30	-0.20	0.10	0.80	0.80	1.60	1.60	-0.70	0.03
Max	2.10	1.90	2.00	2.00	1.80	1.90	1.60	1.80	1.00	0.50	0.10	0.00	-0.10	0.00	0.00	0.00	0.10	0.50	1.20	1.40	2.60	1.70	1.50	2.00	2.60		
Min	0.00	-0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.40	-0.60	-0.60	-0.60	-0.70	-0.70	-0.50	-0.50	-0.40	-0.30	-0.20	-0.10	0.00	0.00	0.00		-0.70	
Avg.	0.74	0.70	0.73	0.67	0.59	0.51	0.43	0.34	0.09	-0.14	-0.26	-0.28	-0.30	-0.33	-0.30	-0.24	-0.19	-0.12	0.06	0.31	0.65	0.64	0.63	0.76			0.24
																									Max Daily Mean		0.68
																									Min Daily Mean		-0.09

Total Hours in month: **720** **Hours Data Available:** **718** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.70	1.40	1.40	1.00	0.70	0.00	-0.10	-0.20	-0.30	-0.30	-0.40	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.40	-0.40	-0.30	-0.30	-0.20	-0.20	-0.20	1.70	-0.50	0.00
2	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.50	-0.50	-0.50	-0.60	-0.50	-0.70	-0.50	-0.60	-0.30	-0.30	0.40	0.50	0.10	0.30	0.50	-0.70	-0.25
3	0.20	0.50	1.20	1.10	0.70	0.20	0.00	-0.20	-0.30	-0.40	-0.50	-0.50	-0.40	-0.30	-0.30	-0.30	-0.30	-0.30	-0.20	0.40	0.60	1.30	1.60	1.00	1.60	-0.50	0.20
4	1.10	1.20	1.20	0.80	0.90	0.20	0.10	-0.10	-0.30	-0.40	-0.40	-0.40	-0.40	-0.40	-0.50	-0.50	-0.30	-0.30	-0.30	-0.10	0.00	0.60	0.50	1.00	1.20	-0.50	0.13
5	0.90	0.90	0.70	0.90	0.40	0.10	-0.20	-0.20	-0.30	-0.40	-0.60	-0.60	-0.30	-0.20	-0.20	-0.20	-0.40	-0.10	-0.10	-0.10	0.00	0.30	0.40	0.50	0.90	-0.60	0.05
6	0.60	0.50	0.40	0.20	0.30	0.50	0.10	-0.10	-0.20	-0.30	-0.30	-0.50	-0.40	-0.40	-0.30	-0.30	-0.30	-0.20	-0.20	-0.20	-0.10	0.00	0.10	0.50	0.60	-0.50	-0.03
7	0.30	0.40	0.30	0.40	0.90	1.00	0.80	-0.10	-0.30	-0.40	-0.50	-0.50	-0.40	-0.40	0.40	-0.20	-0.20	-0.30	-0.10	-0.10	0.00	0.30	0.40	0.90	1.00	-0.50	0.11
8	1.10	1.40	1.60	1.00	0.60	0.60	0.00	-0.30	-0.30	-0.40	-0.30	-0.40	-0.40	-0.50	-0.50	-0.50	-0.40	-0.40	-0.30	-0.20	-0.10	0.20	0.70	0.50	1.60	-0.50	0.11
9	0.10	0.70	0.50	0.20	0.10	0.10	-0.10	-0.20	-0.50	-0.40	-0.40	-0.50	-0.40	-0.50	-0.40	-0.40	-0.40	-0.30	-0.20	-0.20	0.10	0.70	0.70	0.50	0.70	-0.50	-0.05
10	0.50	0.50	0.40	0.50	0.30	0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.20	-0.30	-0.40	-0.30	-0.20	-0.20	-0.10	-0.10	0.00	0.50	1.20	1.10	1.20	-0.40	0.08
11	1.00	1.00	0.80	0.50	0.60	0.10	0.00	0.20	-0.10	-0.10	-0.30	-0.30	-0.50	-0.50	-0.60	-0.60	-0.70	-0.60	-0.20	-0.20	0.10	0.60	0.40	0.90	1.00	-0.70	0.06
12	0.90	0.90	1.20	1.40	0.70	0.20	0.00	-0.30	-0.30	-0.30	-0.30	-0.40	-0.60	-0.40	-0.60	-0.30	-0.40	-0.30	-0.20	-0.10	-0.10	0.00	0.10	0.00	1.40	-0.60	0.03
13	0.10	0.10	0.00	0.60	0.30	-0.10	-0.20	-0.20	-0.30	-0.50	-0.70	-0.80	-0.80	-0.60	-0.60	-0.70	-0.60	-0.50	-0.40	-0.30	-0.10	1.30	1.10	1.20	1.30	-0.80	-0.11
14	0.80	1.00	0.70	0.80	1.00	0.90	-0.10	-0.40	-0.40	-0.40	-0.50	-0.40	-0.40	-0.30	-0.30	-0.30	-0.40	-0.40	-0.40	-0.30	-0.20	-0.10	0.10	0.70	1.00	-0.50	0.03
15	0.30	0.90	0.70	0.30	0.00	-0.20	-0.30	-0.30	-0.30	-0.40	-0.40	-0.50	-0.50	-0.60	-0.40	-0.60	-0.50	-0.50	-0.40	-0.40	0.30	0.80	0.60	0.40	0.90	-0.60	-0.08
16	0.30	0.50	0.50	0.50	0.60	0.40	-0.20	-0.20	-0.20	-0.20	-0.40	-0.60	-0.50	-0.50	-0.60	-0.50	-0.70	-0.50	-0.50	-0.40	-0.10	0.40	0.30	1.10	1.10	-0.70	-0.06
17	1.10	1.10	1.30	1.10	1.20	0.70	-0.20	-0.30	-0.40	-0.50	-0.60	-0.60	-0.70	-0.60	-0.60	-0.70	-0.50	-0.30	0.10	-0.10	0.40	1.10	0.50	1.20	1.30	-0.70	0.15
18	1.30	2.00	2.10	2.10	1.80	1.10	-0.10	-0.20	-0.30	-0.50	-0.50	-0.40	-0.30	-0.50	-0.60	-0.50	-0.70	-0.70	-0.40	-0.40	0.30	0.50	0.70	0.80	2.10	-0.70	0.28
19	1.20	1.80	1.60	1.30	1.20	0.90	0.00	-0.20	-0.30	-0.40	-0.30	-0.40	-0.60	-0.50	-0.50	-0.30	-0.40	-0.60	-0.30	-0.10	0.70	0.60	0.90	1.20	1.80	-0.60	0.27
20	0.60	1.00	0.90	0.80	0.70	0.30	-0.20	-0.40	-0.50	-0.40	-0.40	-0.50	-0.50	-0.50	-0.40	-0.20	-0.40	-0.40	-0.20	-0.20	0.00	0.50	0.50	0.70	1.00	-0.50	0.03
21	0.90	1.50	2.50	2.20	1.50	0.90	0.10	-0.20	-0.40	-0.50	-0.40	-0.40	-0.40	-0.20	-0.20	-0.30	-0.20	-0.20	-0.30	-0.20	-0.10	0.20	0.40	0.60	2.50	-0.50	0.28
22	1.30	1.40	1.20	1.40	0.70	0.20	-0.10	-0.10	-0.30	-0.50	-0.50	-0.30	-0.30	-0.40	-0.30	-0.30	-0.10	-0.10	-0.10	-0.10	0.10	0.10	1.20	0.80	1.40	-0.50	0.20
23	0.50	0.80	0.40	0.50	0.20	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.30	-0.20	-0.40	-0.40	-0.30	-0.20	0.00	0.20	0.60	0.60	0.80	-0.40	0.00
24	0.20	0.20	0.40	0.20	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.30	-0.40	-0.40	-0.50	-0.40	-0.50	-0.40	-0.30	-0.30	0.00	0.00	-0.10	0.00	-0.10	0.40	-0.50	-0.17
25	-0.10	0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.20	-0.30	0.00	0.40	0.40	0.70	1.00	1.00	-0.30	-0.03
26	0.80	0.60	0.80	0.70	0.90	0.10	-0.20	-0.30	-0.40	-0.40	-0.30	-0.30	-0.40	-0.40	-0.10	-0.10	-0.30	-0.10	-0.20	-0.20	-0.10	0.00	0.20	0.10	0.90	-0.40	0.02
27	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.40	-0.60	-0.50	-0.40	-0.30	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.10	0.10	0.10	-0.60	-0.21
28	0.20	0.20	0.10	0.20	0.00	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.30	-0.40	-0.30	-0.50	-0.20	-0.30	-0.20	-0.20	-0.10	-0.20	0.40	0.90	0.70	0.90	-0.50	-0.08
29	0.40	0.70	0.50	0.10	0.10	0.10	0.20	0.20	0.00	-0.10	-0.20	-0.10	-0.20	-0.50	-0.50	-0.60	-0.40	-0.20	-0.30	-0.20	0.60	1.10	0.40	0.50	1.10	-0.60	0.07
30	0.60	1.10	1.30	1.00	1.10	0.00	-0.30	-0.30	-0.30	-0.40	-0.30	-0.40	-0.30	-0.30	-0.40	-0.40	-0.30	-0.40	-0.10	0.30	1.40	0.80	0.80	0.50	1.40	-0.40	0.20
31	0.50	0.80	0.90	0.60	0.10	-0.10	-0.30	-0.40	-0.30	-0.40	-0.40	-0.30	-0.40	-0.30	-0.30	-0.30	-0.10	-0.30	-0.20	-0.20	0.00	0.00	-0.10	0.00	0.90	-0.40	-0.06
Max	1.70	2.00	2.50	2.20	1.80	1.10	0.80	0.20	0.00	-0.10	-0.20	-0.10	-0.20	-0.20	0.40	-0.10	-0.10	-0.10	0.10	0.40	1.40	1.30	1.60	1.20	2.50		
Min	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.40	-0.50	-0.50	-0.70	-0.80	-0.80	-0.60	-0.60	-0.70	-0.70	-0.70	-0.50	-0.40	-0.30	-0.20	-0.20	-0.20		-0.80	
Avg.	0.62	0.80	0.81	0.71	0.55	0.24	-0.08	-0.21	-0.30	-0.36	-0.39	-0.43	-0.42	-0.42	-0.39	-0.39	-0.38	-0.34	-0.24	-0.15	0.13	0.42	0.51	0.62			0.04
																									Max Daily Mean		0.28
																									Min Daily Mean		-0.25

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.20	0.10	-0.10	0.00	0.00	0.00	-0.20	-0.20	-0.30	-0.40	-0.40	-0.40	-0.50	-0.50	-0.50	-0.60	-0.60	-0.40	-0.20	-0.10	0.00	-0.10	0.00	0.40	0.40	-0.60	-0.20
2	0.00	0.00	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.50	-0.40	-0.30	-0.30	-0.40	-0.40	-0.40	-0.40	-0.30	-0.20	-0.30	-0.30	-0.10	0.50	1.50	0.60	1.50	-0.50	-0.13
3	0.20	0.40	0.50	0.30	0.00	-0.10	-0.20	-0.30	-0.30	-0.40	-0.40	-0.40	-0.30	0.00	-0.20	-0.30	-0.50	-0.40	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.50	-0.50	-0.12
4	0.10	0.20	0.10	0.10	0.20	0.00	-0.20	-0.20	-0.30	-0.50	-0.50	-0.30	0.20	-0.20	-0.10	-0.10	-0.20	-0.30	0.10	0.30	0.60	0.70	0.90	1.10	1.10	-0.50	0.07
5	0.60	0.70	0.70	0.80	1.30	-0.10	-0.20	-0.10	-0.20	0.00	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.20	-0.30	0.20	0.20	0.60	0.60	0.90	1.30	-0.40	0.15
6	1.20	0.90	0.70	0.30	0.40	0.50	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.30	-0.30	-0.10	-0.40	-0.20	-0.30	0.00	0.20	1.00	0.70	0.80	1.20	-0.40	0.18
7	0.70	0.70	1.10	1.10	0.70	0.30	-0.20	-0.30	-0.30	-0.30	-0.40	-0.50	-0.40	-0.30	-0.30	-0.30	0.10	0.00	-0.10	0.20	0.70	0.80	0.60	0.70	1.10	-0.50	0.18
8	0.60	0.80	0.80	0.40	0.10	-0.10	-0.10	0.00	-0.10	-0.20	-0.10	-0.20	-0.40	-0.40	-0.30	0.00	0.00	-0.20	-0.40	-0.10	0.30	0.60	0.90	1.70	1.70	-0.40	0.15
9	1.40	1.10	0.30	0.10	0.00	-0.20	-0.20	-0.20	-0.30	-0.40	-0.40	-0.50	-0.50	-0.50	-0.40	-0.30	-0.20	-0.20	-0.20	-0.30	-0.20	0.00	0.50	1.10	1.40	-0.50	-0.02
10	0.60	0.70	0.70	0.20	0.00	-0.30	-0.30	-0.40	-0.40	-0.50	-0.50	-0.50	-0.40	-0.30	-0.20	-0.40	-0.30	-0.30	-0.30	-0.20	-0.20	-0.10	0.00	0.50	0.70	-0.50	-0.12
11	0.90	0.30	0.30	-0.10	-0.20	-0.30	-0.30	-0.30	-0.40	-0.50	-0.40	-0.40	-0.60	-0.60	-0.60	-0.60	-0.60	-0.50	-0.50	-0.30	-0.30	0.50	1.20	0.90	1.20	-0.60	-0.14
12	0.40	0.30	0.10	0.10	0.20	0.40	-0.10	-0.10	-0.20	-0.30	-0.40	-0.40	-0.30	-0.30	-0.30	-0.20	-0.30	-0.10	-0.10	-0.20	-0.10	-0.10	-0.20	-0.10	0.40	-0.40	-0.10
13	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.30	-0.21
14	0.00	-0.10	-0.20	-0.10	-0.20	-0.20	-0.20	-0.30	-0.30	-0.50	-0.50	-0.60	-0.60	-0.30	-0.40	-0.30	-0.30	-0.30	-0.20	0.00	0.10	0.50	0.30	0.70	0.70	-0.60	-0.17
15	0.40	1.00	0.20	0.10	-0.10	-0.20	-0.20	-0.40	-0.40	-0.30	-0.10	-0.30	-0.40	-0.70	-0.20	-0.30	-0.50	-0.30	-0.10	-0.20	-0.10	-0.10	0.40	0.30	1.00	-0.70	-0.10
16	0.40	0.90	0.90	1.00	0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.50	-0.20	-0.40	-0.30	-0.30	-0.40	-0.20	-0.20	-0.10	-0.10	0.00	-0.10	0.00	1.00	-0.50	-0.05
17	0.10	0.40	0.10	-0.10	-0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.40	-0.40	-0.50	-0.40	-0.60	-0.20	-0.20	-0.10	-0.20	-0.20	-0.10	0.10	0.00	0.10	0.40	-0.60	-0.16
18	0.30	-0.10	-0.20	-0.10	-0.10	-0.10	-0.20	-0.40	-0.40	-0.40	-0.50	-0.50	-0.60	-0.50	-0.20	-0.30	-0.50	-0.10	-0.10	-0.10	0.30	0.50	1.10	0.90	1.10	-0.60	-0.10
19	0.60	0.80	0.20	0.20	-0.10	-0.20	-0.20	-0.30	-0.40	-0.40	-0.40	-0.40	-0.50	-0.40	-0.50	-0.60	-0.40	-0.10	-0.30	-0.20	0.20	0.80	0.90	0.70	0.90	-0.60	-0.04
20	0.70	0.50	0.40	0.20	0.10	-0.10	-0.30	-0.30	-0.40	-0.40	-0.50	-0.30	0.20	-0.20	-0.40	-0.50	-0.40	-0.30	-0.30	-0.20	1.00	0.90	0.30	0.40	1.00	-0.50	0.00
21	0.80	0.40	0.50	0.30	-0.10	-0.20	-0.20	-0.20	-0.10	-0.30	-0.30	-0.40	-0.40	-0.50	-0.60	-0.40	-0.30	-0.30	-0.20	0.20	0.10	0.40	1.20	1.00	1.20	-0.60	0.02
22	0.90	0.60	0.50	0.70	0.30	-0.20	-0.30	-0.30	-0.30	-0.40	-0.30	-0.20	-0.50	-0.60	-0.70	-0.70	-0.60	-0.60	-0.10	-0.10	-0.10	0.50	0.80	0.80	0.90	-0.70	-0.04
23	0.90	0.70	0.40	0.60	-0.10	-0.10	-0.40	-0.40	-0.40	-0.20	-0.40	-0.40	-0.70	-0.50	-0.70	-0.80	-0.40	-0.30	-0.30	-0.10	0.20	0.30	0.30	0.30	0.90	-0.80	-0.10
24	0.40	0.70	1.40	1.10	0.50	-0.10	-0.50	-0.40	-0.30	-0.30	-0.30	-0.30	-0.50	-0.60	-0.50	-0.60	-0.50	-0.60	-0.50	-0.40	-0.30	-0.10	0.30	0.10	1.40	-0.60	-0.10
25	0.20	0.30	0.40	0.50	0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.50	-0.50	-0.50	-0.60	-0.70	-0.70	-0.80	-0.70	-0.50	-0.30	0.50	0.50	0.80	0.90	0.90	-0.80	-0.12
26	1.00	0.10	0.10	0.00	-0.20	-0.30	-0.40	-0.20	-0.20	-0.20	-0.20	-0.10	-0.30	-0.30	-0.30	-0.30	-0.40	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	1.00	-0.40	-0.13
27	0.10	0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.50	-0.50	-0.50	-0.40	-0.30	-0.20	0.10	0.00	0.00	0.00	0.10	-0.10	-0.10	0.10	-0.50	-0.18
28	-0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.40	-0.30	-0.40	-0.30	-0.30	-0.20	-0.20	-0.30	-0.30	-0.20	-0.30	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.40	-0.23
29	0.00	0.20	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.40	-0.40	-0.40	-0.40	-0.60	-0.70	-0.50	-0.60	-0.60	-0.40	-0.10	-0.10	0.00	0.00	0.10	0.20	-0.70	-0.26
30	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.30	-0.40	-0.40	-0.50	-0.30	-0.40	0.00	-0.10	-0.30	-0.10	0.10	-0.10	0.00	0.10	-0.50	-0.18
Max	1.40	1.10	1.40	1.10	1.30	0.50	0.00	0.00	-0.10	0.00	-0.10	-0.10	0.20	0.00	-0.10	0.00	0.10	0.10	0.10	0.30	1.00	1.00	1.50	1.70	1.70		
Min	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.50	-0.40	-0.50	-0.50	-0.50	-0.60	-0.70	-0.70	-0.70	-0.80	-0.80	-0.70	-0.50	-0.40	-0.30	-0.20	-0.20	-0.10		-0.80	
Avg.	0.45	0.41	0.31	0.23	0.06	-0.11	-0.23	-0.26	-0.30	-0.34	-0.35	-0.36	-0.38	-0.40	-0.40	-0.38	-0.37	-0.27	-0.24	-0.12	0.06	0.28	0.42	0.49			-0.07
																									Max Daily Mean		0.18
																									Min Daily Mean		-0.26

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.50	-0.60	-0.20	0.00	-0.20	-0.40	-0.30	-0.30	-0.40	-0.10	-0.20	-0.20	-0.10	0.00	0.00	-0.60	-0.23
2	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.40	-0.40	-0.30	-0.40	-0.40	-0.50	-0.40	-0.50	-0.40	-0.70	-0.20	-0.20	-0.30	-0.20	-0.10	0.20	0.20	0.20	-0.70	-0.26
3	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.50	-0.60	-0.30	-0.30	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	0.00	0.10	0.20	0.20	-0.60	-0.20
4	0.00	0.10	0.30	0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	0.00	0.40	0.90	0.50	0.90	-0.30	-0.05
5	0.30	0.20	-0.10	-0.10	0.00	-0.20	-0.30	-0.30	-0.50	-0.30	-0.50	-0.40	-0.10	-0.10	-0.40	-0.40	-0.30	-0.40	-0.10	-0.20	0.40	0.80	0.50	0.50	0.80	-0.50	-0.08
6	0.60	0.40	0.50	0.60	0.30	-0.10	-0.40	-0.40	-0.40	0.00	-0.40	-0.30	-0.40	-0.30	-0.40	-0.40	-0.40	-0.10	-0.10	0.10	0.20	0.10	0.50	0.70	0.70	-0.40	0.00
7	0.70	0.30	0.50	0.50	0.20	-0.10	-0.20	-0.20	-0.30	-0.20	-0.30	-0.30	-0.20	-0.20	-0.10	-0.30	-0.30	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.70	-0.30	-0.04
8	0.10	0.40	0.60	0.60	-0.20	-0.30	-0.30	-0.30	-0.30	-0.40	-0.40	-0.40	-0.40	-0.70	-0.60	-0.40	-0.80	-0.70	-0.60	-0.50	0.10	0.90	0.40	0.40	0.90	-0.80	-0.16
9	0.50	0.40	0.40	0.30	0.00	-0.20	-0.30	-0.40	-0.50	-0.50	-0.50	-0.60	-0.70	-0.40	-0.60	-0.40	-0.30	-0.50	-0.50	-0.40	0.00	0.00	0.10	0.10	0.50	-0.70	-0.21
10	0.10	0.30	0.10	-0.10	-0.20	-0.20	0.00	0.20	-0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	0.00	-0.10	0.10	-0.10	-0.10	-0.10	0.00	0.30	-0.30	-0.07
11	-0.10	0.00	-0.10	0.00	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.50	-0.70	-0.70	-0.70	-0.50	-0.50	-0.50	-0.30	0.50	0.40	0.50	0.50	0.50	-0.70	-0.19
12	0.40	0.30	0.30	0.20	0.00	-0.20	-0.30	-0.40	-0.40	-0.30	-0.40	-0.40	-0.50	-0.40	-0.50	-0.70	-0.60	-0.50	-0.30	-0.30	-0.20	0.10	0.60	0.70	0.70	-0.70	-0.16
13	0.20	0.20	0.00	0.10	0.00	0.00	-0.20	-0.30	-0.40	-0.40	-0.40	-0.60	-0.40	-0.60	-0.60	-0.60	-0.50	-0.50	-0.50	-0.50	-0.30	0.00	0.40	0.40	0.40	-0.60	-0.23
14	0.30	0.90	0.40	0.30	0.00	0.00	-0.40	-0.40	-0.40	-0.40	-0.40	-0.60	-0.60	-0.50	-0.60	-0.60	-0.60	-0.50	-0.50	-0.40	0.00	0.70	0.50	0.30	0.90	-0.60	-0.15
15	0.10	0.00	0.30	0.20	0.10	0.00	-0.20	-0.20	-0.20	-0.40	-0.50	-0.50	-0.50	-0.50	-0.50	-0.40	-0.30	-0.30	-0.20	-0.10	0.20	0.30	0.30	0.20	0.30	-0.50	-0.13
16	0.00	0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.10	0.20	0.20	-0.20	-0.08
17	0.00	0.10	0.20	0.20	0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.30	-0.20	0.10	0.70	0.80	0.50	0.80	-0.40	-0.09
18	0.40	0.40	0.10	0.20	0.00	-0.20	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.40	-0.40	-0.30	-0.30	-0.30	-0.20	-0.10	0.10	0.10	0.30	0.10	0.10	0.40	-0.40	-0.09
19	0.30	0.10	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10	-0.20	-0.20	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	-0.20	0.00	0.00	0.10	0.00	0.10	0.20	0.30	-0.30	-0.08
20	0.40	0.00	-0.10	0.00	0.00	0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.40	-0.60	-0.40	-0.50	-0.60	-0.50	-0.50	-0.30	-0.10	0.20	0.40	0.40	0.10	0.40	-0.60	-0.15
21	0.10	0.20	0.10	0.10	0.30	0.20	0.00	-0.20	-0.20	-0.20	-0.30	-0.20	-0.30	-0.30	-0.20	-0.20	-0.10	0.00	0.00	0.30	0.40	0.30	0.30	0.30	0.40	-0.30	0.02
22	0.20	0.30	0.50	0.30	0.10	-0.20	-0.30	-0.40	-0.30	-0.30	-0.30	-0.30	-0.40	-0.30	0.10	0.10	-0.30	-0.30	-0.10	0.00	0.10	1.00	1.20	0.50	1.20	-0.40	0.04
23	0.10	0.20	0.10	0.20	0.40	0.30	0.00	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.50	-0.70	-0.50	-0.40	-0.30	0.00	0.40	0.50	0.20	0.00	0.50	-0.70	-0.08
24	0.10	0.20	0.00	0.10	0.00	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.40	-0.20	0.20	0.80	0.60	0.20	0.80	-0.40	-0.08
25	0.30	0.20	0.10	0.00	0.00	-0.10	-0.20	-0.20	-0.20	-0.30	-0.40	-0.40	-0.50	-0.40	-0.50	-0.40	-0.40	-0.50	-0.40	-0.20	0.40	0.40	0.70	0.50	0.70	-0.50	-0.10
26	0.40	0.70	1.00	1.50	1.20	0.80	0.00	-0.20	-0.30	-0.40	-0.40	-0.40	-0.50	-0.40	-0.50	-0.60	-0.60	-0.60	-0.40	0.00	1.10	0.60	0.60	0.30	1.50	-0.60	0.12
27	0.50	0.60	0.30	0.30	0.00	0.00	-0.20	-0.30	0.00	-0.40	-0.50	-0.60	-0.70	-0.70	-0.70	-0.70	-0.70	-0.60	-0.60	-0.20	0.70	1.20	1.40	0.40	1.40	-0.70	-0.06
28	0.30	0.40	0.50	0.50	0.50	0.30	-0.20	-0.40	-0.40	-0.40	-0.50	-0.60	-0.60	-0.70	-0.70	-0.40	-0.60	-0.60	-0.50	-0.40	0.70	0.90	0.40	0.40	0.90	-0.70	-0.09
29	0.60	0.80	0.50	0.50	0.20	-0.10	-0.20	-0.30	-0.30	-0.40	-0.40	-0.50	-0.50	-0.70	-0.40	-0.50	-0.50	-0.50	-0.40	-0.40	-0.10	0.00	0.00	0.10	0.80	-0.70	-0.15
30	0.00	-0.10	0.20	0.60	0.40	-0.20	-0.30	-0.10	-0.40	-0.50	-0.60	-0.70	-0.80	-0.70	-0.80	-0.90	-0.90	-0.80	-0.50	-0.40	-0.20	0.60	1.50	1.80	1.80	-0.90	-0.16
31	1.80	0.00	0.00	0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.40	-0.50	-0.60	-0.40	-0.50	-0.50	-0.70	-0.60	-0.30	-0.10	0.40	0.20	0.30	0.10	1.80	-0.70	-0.14
Max	1.80	0.90	1.00	1.50	1.20	0.80	0.00	0.20	0.00	0.00	-0.10	-0.20	-0.10	0.00	0.10	0.10	-0.10	0.00	0.00	0.30	1.10	1.20	1.50	1.80	1.80		
Min	-0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.40	-0.40	-0.50	-0.50	-0.60	-0.70	-0.80	-0.70	-0.80	-0.90	-0.90	-0.80	-0.60	-0.50	-0.30	-0.20	-0.10	0.00		-0.90	
Avg.	0.27	0.24	0.20	0.22	0.07	-0.06	-0.20	-0.25	-0.29	-0.30	-0.36	-0.41	-0.43	-0.40	-0.42	-0.43	-0.43	-0.37	-0.30	-0.17	0.15	0.36	0.44	0.34			-0.11
																									Max Daily Mean		0.12
																									Min Daily Mean		-0.26

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.60	0.40	0.00	0.20	0.20	0.30	-0.10	-0.20	-0.30	-0.40	-0.40	-0.40	-0.30	-0.30	-0.30	-0.30	-0.50	-0.30	-0.30	-0.20	0.00	0.00	0.40	0.40	0.60	-0.50	-0.08
2	0.20	0.00	0.10	0.00	0.10	0.10	-0.20	-0.30	-0.30	-0.30	-0.50	-0.40	-0.30	-0.30	-0.20	-0.30	-0.20	-0.10	-0.20	0.20	-0.20	-0.10	-0.10	-0.10	0.20	-0.50	-0.14
3	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.30	-0.20	-0.10	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	0.10	0.30	0.00	0.30	-0.40	-0.14
4	0.00	0.20	0.50	0.60	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.40	-0.40	-0.30	-0.40	-0.20	-0.30	-0.20	-0.10	-0.10	0.00	0.10	0.70	0.80	0.70	0.80	-0.40	-0.01
5	0.50	0.50	0.40	0.20	0.10	0.00	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.40	-0.50	-0.60	-0.50	0.00	-0.30	-0.50	-0.30	0.00	0.80	0.90	0.70	0.90	-0.60	-0.03
6	0.50	0.40	0.70	0.70	0.60	0.30	-0.20	-0.30	-0.20	-0.30	-0.40	-0.30	-0.20	-0.30	-0.40	-0.30	-0.30	-0.20	0.10	0.20	0.40	0.80	1.20	0.70	1.20	-0.40	0.13
7	0.40	0.10	0.00	0.40	0.50	0.30	-0.10	-0.20	-0.40	-0.40	-0.40	-0.50	-0.60	-0.40	-0.40	-0.40	-0.40	-0.20	-0.30	-0.10	0.10	0.40	0.30	0.10	0.50	-0.60	-0.09
8	0.30	0.10	0.00	0.90	0.50	0.00	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.50	-0.60	-0.60	-0.50	-0.50	-0.40	-0.30	-0.10	-0.10	0.20	0.80	0.80	0.90	-0.60	-0.07
9	0.50	0.40	-0.10	-0.10	0.00	-0.10	-0.20	-0.30	-0.30	-0.30	-0.40	-0.40	-0.30	-0.40	-0.60	-0.70	-0.60	-0.50	-0.50	-0.20	1.00	0.60	0.40	0.30	1.00	-0.70	-0.12
10	0.20	0.50	0.80	0.70	0.40	0.50	0.40	-0.20	-0.30	-0.50	-0.40	-0.40	-0.70	-0.70	-0.60	-0.70	-0.60	-0.50	-0.30	0.30	0.70	0.40	0.40	0.30	0.80	-0.70	-0.01
11	0.60	0.60	0.90	0.80	1.00	0.80	0.60	0.20	-0.30	-0.40	-0.40	-0.50	-0.50	-0.50	-0.60	-0.60	-0.50	-0.30	0.10	0.20	0.90	0.90	0.80	0.70	1.00	-0.60	0.19
12	0.40	0.40	0.60	0.60	0.40	0.10	-0.10	-0.20	-0.30	-0.40	-0.30	-0.40	-0.50	-0.30	-0.40	-0.40	-0.20	0.10	0.10	0.10	0.60	0.70	1.10	0.50	1.10	-0.50	0.09
13	0.20	0.30	0.40	0.40	0.30	0.20	-0.20	-0.20	-0.30	-0.40	-0.30	-0.50	-0.40	-0.30	-0.30	-0.50	-0.40	-0.50	-0.30	0.90	0.90	0.60	0.60	0.30	0.90	-0.50	0.02
14	0.40	0.90	0.80	0.90	1.10	0.90	1.00	1.10	-0.20	-0.40	-0.50	-0.40	-0.50	-0.60	-0.60	-0.60	-0.40	-0.40	0.30	1.10	1.80	1.20	0.90	0.60	1.80	-0.60	0.35
15	0.70	0.80	0.90	0.90	0.80	0.80	1.10	1.10	-0.30	-0.30	-0.40	-0.50	-0.60	-0.50	-0.40	-0.50	-0.40	-0.30	0.40	0.60	1.80	1.20	0.40	0.30	1.80	-0.60	0.32
16	0.70	0.40	0.50	0.50	0.60	0.20	0.00	-0.30	-0.30	-0.30	-0.30	-0.50	-0.50	-0.50	-0.50	-0.60	-0.60	-0.60	-0.40	-0.10	0.00	0.10	0.10	0.40	0.70	-0.60	-0.08
17	0.30	0.20	0.30	0.10	0.20	0.00	-0.20	-0.30	-0.30	-0.40	-0.30	-0.30	-0.50	-0.40	-0.50	-0.40	-0.40	-0.30	-0.20	-0.20	1.00	1.30	0.20	0.30	1.30	-0.50	-0.03
18	0.20	0.80	0.60	0.80	0.80	0.80	1.00	1.40	0.10	-0.40	-0.40	-0.40	-0.40	-0.50	-0.60	-0.50	-0.50	-0.30	0.00	0.70	1.30	1.40	0.80	0.60	1.40	-0.60	0.30
19	0.10	0.30	0.30	0.40	0.40	0.80	1.10	1.60	0.50	-0.30	-0.40	-0.50	-0.70	-0.70	-0.70	-0.70	-0.60	-0.50	-0.40	-0.10	0.50	0.20	0.30	0.50	1.60	-0.70	0.06
20	0.60	0.30	0.40	0.40	0.90	0.90	0.00	-0.20	-0.20	-0.20	-0.40	-0.40	-0.40	-0.40	-0.30	-0.20	-0.30	-0.20	-0.10	0.00	0.00	0.10	0.00	0.00	0.90	-0.40	0.01
21	0.10	0.10	-0.10	0.00	0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.30	-0.30	-0.20	-0.40	-0.20	0.10	1.40	0.80	0.20	0.20	1.40	-0.40	-0.02
22	0.50	0.70	0.60	0.90	0.80	0.50	0.70	1.30	0.50	-0.40	-0.40	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.20	0.00	0.80	0.30	0.10	0.60	1.30	-0.50	0.16
23	1.10	1.30	1.70	1.80	2.10	1.60	1.80	1.90	1.70	0.30	-0.30	-0.10	-0.30	-0.40	-0.40	-0.50	-0.40	-0.20	0.00	0.00	1.00	1.20	0.90	0.20	2.10	-0.50	0.67
24	0.70	0.70	0.80	0.40	0.00	0.20	0.10	0.30	0.30	-0.30	-0.40	-0.40	-0.40	-0.50	-0.50	-0.50	-0.30	-0.10	0.40	0.70	0.10	0.40	0.40	0.10	0.80	-0.50	0.09
25	0.50	0.80	0.30	0.00	0.00	-0.10	-0.10	-0.20	-0.20	-0.10	-0.10	0.00	0.00	-0.10	-0.20	-0.30	-0.20	-0.10	-0.10	0.10	0.30	0.60	0.40	0.20	0.80	-0.30	0.06
26	0.00	0.00	0.20	0.20	0.30	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	0.00	-0.10	-0.10	-0.20	0.00	-0.10	-0.10	-0.10	0.00	0.00	0.20	0.10	0.00	0.30	-0.20	-0.03
27	0.00	0.00	0.00	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.40	-0.30	-0.20	-0.10	0.10	0.00	0.00	-0.10	0.10	-0.40	-0.12
28	-0.10	-0.10	0.10	-0.10	-0.10	0.00	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.40	-0.30	-0.40	-0.40	-0.40	-0.40	0.20	0.40	1.10	0.40	0.50	0.60	1.10	-0.40	-0.04
29	0.60	0.70	0.40	0.40	0.60	0.70	0.40	0.10	-0.20	-0.30	-0.20	-0.30	-0.40	-0.40	-0.40	-0.30	-0.20	-0.10	0.40	0.30	0.80	1.20	1.30	1.30	1.30	-0.40	0.27
30	1.00	1.00	1.70	0.90	0.70	0.80	0.50	-0.10	-0.10	-0.20	-0.30	-0.30	-0.50	-0.30	-0.40	-0.30	-0.20	-0.20	0.80	1.60	1.60	0.90	0.50	0.60	1.70	-0.50	0.40
31	0.60	0.70	0.50	0.90	0.40	0.10	0.00	0.00	-0.20	-0.20	-0.30	-0.40	-0.40	-0.40	-0.30	-0.40	-0.30	-0.20	0.40	0.80	0.80	0.60	0.70	0.80	0.90	-0.40	0.18
Max	1.10	1.30	1.70	1.80	2.10	1.60	1.80	1.90	1.70	0.30	-0.10	0.00	0.00	-0.10	-0.10	0.00	0.00	0.10	0.80	1.60	1.80	1.40	1.30	1.30	2.10		
Min	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.40	-0.50	-0.50	-0.50	-0.70	-0.70	-0.70	-0.70	-0.60	-0.60	-0.50	-0.30	-0.20	-0.10	-0.10	-0.10		-0.70	
Avg.	0.40	0.43	0.46	0.47	0.43	0.33	0.19	0.14	-0.11	-0.29	-0.34	-0.36	-0.40	-0.40	-0.41	-0.42	-0.35	-0.28	-0.05	0.22	0.60	0.59	0.51	0.41			0.07
																									Max Daily Mean		0.67
																									Min Daily Mean		-0.14

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Delta T A (Deg C)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.40	0.40	0.70	0.40	0.30	0.30	0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	-0.10	0.00	0.70	-0.20	0.03
2	-0.10	-0.10	0.10	0.10	0.10	0.30	0.00	-0.20	-0.20	-0.20	-0.30	-0.40	-0.40	-0.50	-0.50	-0.30	-0.30	-0.10	0.10	0.50	1.10	0.70	0.60	0.60	1.10	-0.50	0.03
3	0.60	0.70	1.00	0.80	1.20	0.50	0.30	0.20	-0.10	-0.10	0.10	0.30	0.30	0.50	0.10	0.20	0.30	0.50	1.20	1.40	1.50	1.50	1.20	0.70	1.50	-0.10	0.62
4	0.60	0.40	0.30	0.30	0.30	0.20	-0.10	-0.10	-0.20	-0.30	-0.40	-0.30	-0.30	-0.30	-0.30	-0.10	-0.10	0.00	0.40	0.30	1.00	1.40	1.50	1.00	1.50	-0.40	0.22
5	0.80	0.60	0.60	0.80	1.50	1.30	1.60	1.50	1.50	0.00	-0.10	-0.10	-0.30	-0.30	-0.20	-0.10	0.00	0.00	0.00	0.10	0.20	0.00	0.10	0.70	1.60	-0.30	0.43
6	1.10	0.60	0.70	0.30	0.80	0.90	0.30	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.40	-0.30	-0.30	-0.20	-0.20	0.00	0.60	0.50	0.40	0.20	0.30	1.10	-0.40	0.18
7	0.10	0.10	0.10	0.00	0.10	0.40	0.30	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.30	-0.30	-0.20	-0.40	-0.20	0.60	1.00	1.00	1.00	0.70	0.70	1.00	-0.40	0.14
8	0.40	0.40	0.20	0.20	0.20	0.00	0.10	0.70	0.90	0.50	-0.40	-0.40	-0.60	-0.50	-0.50	-0.30	-0.20	0.20	1.20	0.70	1.00	1.10	0.70	0.50	1.20	-0.60	0.25
9	0.50	0.40	0.50	0.30	0.20	0.00	0.30	1.80	0.90	0.20	-0.20	-0.30	-0.40	-0.40	-0.30	-0.30	-0.40	-0.30	-0.10	1.30	1.80	1.30	1.30	0.30	1.80	-0.40	0.35
10	0.20	0.10	0.10	0.20	0.60	0.70	1.20	0.20	0.00	-0.20	-0.30	-0.40	-0.30	-0.50	-0.40	-0.30	-0.20	-0.20	0.20	1.00	0.50	0.00	0.00	0.50	1.20	-0.50	0.11
11	0.10	0.10	0.40	0.30	0.20	0.00	0.10	0.20	0.40	-0.10	-0.40	-0.50	-0.50	-0.50	-0.50	-0.20	-0.20	-0.10	0.00	0.40	0.20	0.50	0.60	0.40	0.60	-0.50	0.04
12	0.40	0.60	0.70	1.10	0.70	0.50	0.30	0.10	0.00	-0.20	-0.30	-0.40	-0.30	-0.30	-0.20	-0.20	-0.20	-0.10	0.60	1.70	0.90	0.80	0.50	1.00	1.70	-0.40	0.32
13	0.60	0.40	0.50	1.00	0.40	0.30	0.30	-0.10	-0.20	-0.20	-0.30	-0.30	-0.20	-0.30	-0.20	-0.20	-0.10	0.00	0.30	1.00	0.60	0.50	1.00	0.50	1.00	-0.30	0.22
14	0.60	0.20	0.10	0.40	0.70	0.50	0.20	0.10	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.10	0.80	1.30	0.40	0.70	0.60	0.50	1.30	-0.20	0.23
15	0.80	0.80	1.00	1.30	1.30	0.60	0.50	0.20	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.40	0.20	0.20	0.20	0.70	1.30	-0.20	0.28
16	0.80	0.60	1.00	0.20	0.10	0.10	1.20	1.70	1.00	0.20	0.10	0.00	0.00	-0.10	0.00	0.00	0.20	0.40	0.40	0.20	0.30	0.10	0.10	0.10	1.70	-0.10	0.36
17	0.40	0.30	0.20	0.10	0.30	0.70	0.90	0.50	0.40	0.00	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	-0.20	0.20	0.70	0.60	0.40	0.60	1.50	1.50	-0.30	0.25
18	0.90	0.70	1.00	1.20	1.20	0.80	0.80	0.50	0.00	-0.20	-0.20	-0.10	-0.10	0.20	0.10	-0.10	0.60	1.10	1.40	2.10	1.60	2.00	1.30	1.20	2.10	-0.20	0.75
19	1.60	1.20	1.10	0.80	1.10	1.20	1.10	1.20	1.40	0.70	0.20	-0.10	-0.10	0.00	0.00	0.00	0.20	0.30	0.30	1.10	1.50	1.90	1.30	1.00	1.90	-0.10	0.79
20	1.00	0.50	0.60	1.10	1.10	0.80	0.70	0.30	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.30	0.30	0.20	0.20	0.50	1.00	1.10	1.10	-0.10	0.39
21	0.90	0.80	0.70	0.60	0.50	0.80	1.30	0.90	0.30	0.60	0.30	-0.10	-0.30	-0.30	-0.30	-0.30	-0.10	0.40	0.40	0.50	0.30	1.00	2.00	0.90	2.00	-0.30	0.49
22	1.40	1.70	2.00	2.10	2.30	2.50	2.40	3.00	1.70	0.40	0.50	0.30	0.10	0.00	0.10	0.10	0.20	1.20	2.30	1.90	1.70	2.00	2.60	1.20	3.00	0.00	1.40
23	1.30	1.40	1.40	1.70	1.20	1.10	1.30	1.10	1.90	2.20	0.50	-0.30	-0.20	0.00	0.00	0.10	0.10	0.20	1.00	0.80	1.50	1.00	1.30	0.50	2.20	-0.30	0.88
24	0.00	0.00	0.10	0.10	0.00	-0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.40	-0.40	-0.50	0.10	0.80	0.70	0.80	0.80	1.00	1.30	1.30	-0.50	0.09
25	1.00	0.90	1.10	1.20	0.80	0.90	0.80	0.50	0.30	0.60	0.10	-0.30	-0.30	-0.20	-0.10	-0.10	0.10	0.60	2.70	1.30	0.10	0.10	0.10	0.10	2.70	-0.30	0.51
26	0.10	0.10	0.00	0.00	0.10	0.10	0.20	0.20	0.00	-0.10	-0.20	-0.30	-0.40	-0.50	-0.40	-0.30	-0.20	0.40	0.50	0.90	0.90	0.50	0.30	0.40	0.90	-0.50	0.10
27	0.20	0.10	0.10	0.40	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	0.40	1.20	1.60	1.50	1.50	2.10	1.70	2.10	-0.30	0.39
28	1.70	1.40	0.70	0.30	1.10	0.30	0.40	0.60	0.60	0.30	0.00	0.00	0.10	0.00	0.10	0.10	0.60	1.30	0.90	1.00	1.30	1.70	1.30	1.10	1.70	0.00	0.70
29	1.30	0.70	1.10	1.00	1.10	1.10	0.90	0.50	0.50	0.80	1.60	0.40	-0.30	-0.20	0.00	-0.10	0.00	0.40	1.20	1.30	1.70	1.10	0.10	0.00	1.70	-0.30	0.68
30	-0.10	-0.10	0.00	0.10	-0.10	-0.10	0.00	0.00	-0.10	-0.20	-0.20	-0.30	-0.20	-0.30	-0.20	-0.20	-0.20	-0.10	0.00	0.10	0.00	-0.10	-0.10	-0.10	0.10	-0.30	-0.10
Max	1.70	1.70	2.00	2.10	2.30	2.50	2.40	3.00	1.90	2.20	1.60	0.40	0.30	0.50	0.10	0.20	0.60	1.30	2.70	2.10	1.80	2.00	2.60	1.70	3.00		
Min	-0.10	-0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.20	-0.30	-0.30	-0.40	-0.50	-0.60	-0.50	-0.50	-0.40	-0.50	-0.30	-0.10	0.00	0.00	-0.10	-0.10	-0.10		-0.60	
Avg.	0.65	0.53	0.60	0.61	0.65	0.56	0.59	0.50	0.33	0.11	-0.06	-0.18	-0.22	-0.22	-0.19	-0.15	-0.05	0.20	0.63	0.87	0.83	0.82	0.80	0.68			0.37
																									Max Daily Mean		1.40
																									Min Daily Mean		-0.10

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.26	1.43	0.78	0.76	1.25	0.59	0.82	0.81	0.99	0.61	1.44	1.24	1.92	2.13	0.85	0.42	0.49	0.78	1.09	0.57	0.98	1.88	2.89	2.71	2.89	0.26	1.15
2	3.37	2.95	2.81	4.20	4.76	3.77	4.51	4.37	4.86	5.00	3.70	3.81	5.12	3.18	2.11	2.11	2.26	2.67	1.24	1.30	1.47	1.33	0.59	2.77	5.12	0.59	3.09
3	3.04	1.23	0.97	0.99	0.59	1.01	1.33	1.64	0.78	0.95	3.24	3.56	1.77	OutCal	OutCal	OutCal	OutCal	0.35	1.07	0.91	1.45	0.95	0.78	0.94	3.56	0.35	1.38
4	0.59	0.68	0.44	0.65	0.36	0.38	0.90	0.46	0.68	0.42	0.90	0.60	1.03	1.54	1.07	1.56	1.31	0.47	0.83	1.58	1.18	1.23	0.96	0.35	1.58	0.35	0.84
5	0.81	0.74	0.19	0.35	0.32	0.87	1.58	1.27	1.04	1.79	1.91	0.99	1.17	2.19	0.50	0.77	1.73	1.14	1.17	1.43	1.47	1.29	1.26	0.80	2.19	0.19	1.12
6	1.12	1.57	1.16	1.40	1.14	1.04	1.16	1.17	1.43	1.43	2.05	2.35	2.32	2.02	0.49	0.42	0.42	0.72	1.15	1.22	1.11	1.22	1.27	1.13	2.35	0.42	1.27
7	0.97	0.69	0.56	1.06	1.08	0.87	0.94	1.17	0.70	0.65	0.44	0.81	1.26	0.75	0.30	0.08	0.41	0.42	0.35	0.54	0.98	1.00	1.22	1.20	1.26	0.08	0.77
8	1.31	0.76	0.34	0.80	0.40	0.55	0.92	0.30	0.37	1.39	1.19	1.02	1.10	0.77	0.15	0.85	1.10	0.93	1.33	1.00	0.63	1.24	1.42	1.00	1.42	0.15	0.87
9	1.31	1.61	1.40	1.15	1.24	1.17	1.18	1.12	1.83	1.70	1.66	2.28	1.53	2.60	2.65	2.05	1.96	1.66	1.54	1.20	1.51	1.34	1.18	1.46	2.65	1.12	1.60
10	1.18	1.00	0.90	0.81	0.79	0.54	1.28	1.43	1.09	1.33	1.46	1.83	1.68	1.83	1.80	2.10	1.13	1.34	1.31	0.75	1.05	0.42	0.20	0.83	2.10	0.20	1.17
11	0.85	1.11	1.35	3.14	1.63	0.71	1.05	0.82	0.67	0.75	1.04	1.15	1.62	1.24	0.62	1.01	1.22	1.15	1.23	1.05	0.45	0.51	0.71	0.16	3.14	0.16	1.05
12	0.59	0.64	0.26	0.63	0.79	0.75	0.54	0.63	0.71	0.26	0.52	1.12	2.48	2.43	1.12	2.26	2.53	1.60	1.32	1.97	0.92	1.10	0.42	0.45	2.53	0.26	1.09
13	0.38	1.21	1.24	1.08	0.30	1.02	2.53	1.88	1.82	2.10	1.33	0.71	1.36	1.15	0.87	0.50	0.45	0.53	0.80	0.74	1.29	1.72	1.80	1.67	2.53	0.30	1.19
14	1.81	2.36	3.28	3.20	3.01	3.23	3.35	4.07	4.33	6.20	5.37	4.85	4.78	5.23	3.64	1.68	0.80	0.72	2.20	3.16	3.46	3.19	3.07	3.64	6.20	0.72	3.36
15	3.42	3.06	2.75	3.19	1.69	2.35	2.53	1.71	2.57	3.94	3.60	3.11	2.30	3.24	2.46	1.87	1.96	1.83	1.72	1.09	0.40	0.43	0.78	0.57	3.94	0.40	2.19
16	0.51	0.20	0.63	0.62	0.54	0.94	1.03	0.87	0.76	1.08	0.67	0.85	1.19	0.43	0.60	0.60	0.38	0.17	0.24	0.41	0.57	0.72	0.79	1.36	1.36	0.17	0.67
17	0.26	0.61	0.22	0.52	0.77	0.46	0.45	0.58	0.46	0.14	0.17	0.46	0.63	0.92	0.47	0.30	0.59	0.38	0.30	0.42	0.59	0.80	1.15	1.17	1.17	0.14	0.53
18	1.12	1.18	1.52	1.50	1.65	0.81	0.39	0.66	0.37	0.26	0.26	0.60	2.25	3.42	3.01	3.07	2.58	2.79	2.89	2.63	3.07	1.90	2.06	2.12	3.42	0.26	1.75
19	2.26	2.15	1.83	1.50	0.61	0.38	0.33	0.47	0.76	0.65	0.30	0.34	0.71	1.03	0.38	0.55	0.63	0.62	0.76	0.99	0.75	1.23	1.51	1.72	2.26	0.30	0.94
20	1.29	1.39	1.03	0.86	1.19	0.85	1.00	0.62	0.32	0.79	1.62	1.14	2.68	5.06	4.34	5.02	3.67	4.04	4.76	5.20	3.10	1.76	1.57	1.19	5.20	0.32	2.27
21	1.43	1.15	1.37	1.32	2.09	1.05	2.06	2.99	1.99	1.23	2.11	2.28	2.50	5.52	6.69	6.71	5.59	4.94	4.51	1.98	2.04	1.73	1.61	1.85	6.71	1.05	2.78
22	2.28	2.24	1.53	1.88	2.62	2.28	1.45	0.80	0.61	1.77	1.50	1.55	1.40	1.06	0.82	0.31	0.31	1.01	1.27	0.99	1.26	1.17	1.08	1.06	2.62	0.31	1.34
23	0.64	0.58	0.19	0.50	0.77	1.03	0.44	0.86	0.72	0.89	1.15	1.92	1.48	1.45	1.62	1.44	0.49	0.98	0.65	0.26	0.41	0.35	0.45	0.48	1.92	0.19	0.82
24	0.49	0.81	0.53	0.77	0.80	1.60	1.45	2.03	2.25	1.50	1.43	1.61	2.08	1.73	1.37	1.30	1.38	2.35	2.76	4.19	3.53	2.39	2.05	1.79	4.19	0.49	1.76
25	1.23	1.16	1.43	1.43	1.31	0.64	0.81	0.69	0.69	0.90	1.02	2.57	2.12	3.21	3.45	6.77	7.32	7.26	6.08	6.44	5.08	2.55	1.91	1.28	7.32	0.64	2.81
26	1.09	0.82	1.39	1.39	0.91	1.51	1.58	1.22	1.61	2.87	1.73	3.21	3.43	3.29	3.09	2.17	1.43	1.55	0.86	1.21	1.03	0.37	0.55	0.47	3.43	0.37	1.62
27	0.79	0.78	0.92	1.13	0.65	0.49	0.60	1.34	0.97	1.93	1.80	1.89	1.60	0.99	0.83	1.32	1.06	1.12	1.14	2.53	2.87	2.50	1.74	2.03	2.87	0.49	1.38
28	2.08	1.21	1.30	1.41	1.51	2.40	2.69	1.33	0.63	1.45	1.28	2.29	2.59	3.39	3.65	2.51	1.54	1.37	1.19	0.69	1.28	2.82	3.32	3.55	3.65	0.63	1.98
29	2.32	1.29	1.49	1.48	1.77	1.73	1.47	1.38	1.83	1.79	2.04	3.41	3.89	5.59	4.73	3.89	2.84	1.09	0.94	2.32	1.51	0.69	0.19	0.50	5.59	0.19	2.09
30	0.59	0.58	0.64	0.42	0.61	0.97	0.83	2.39	1.13	1.85	1.14	0.85	1.54	0.94	0.78	1.06	0.63	0.96	1.09	0.68	0.53	0.39	0.72	0.40	2.39	0.39	0.91
31	0.40	0.58	0.48	0.39	0.61	0.63	1.47	1.85	1.43	1.51	1.04	0.97	0.74	1.43	1.44	1.46	1.96	1.76	1.86	1.21	1.29	1.09	0.63	1.07	1.96	0.39	1.14
Max	3.42	3.06	3.28	4.20	4.76	3.77	4.51	4.37	4.86	6.20	5.37	4.85	5.12	5.59	6.69	6.77	7.32	7.26	6.08	6.44	5.08	3.19	3.32	3.64	7.32		
Min	0.26	0.20	0.19	0.35	0.30	0.38	0.33	0.30	0.32	0.14	0.17	0.34	0.63	0.43	0.15	0.08	0.31	0.17	0.24	0.26	0.40	0.35	0.19	0.16		0.08	
Avg.	1.28	1.22	1.13	1.31	1.22	1.18	1.38	1.38	1.30	1.58	1.58	1.79	2.01	2.33	1.86	1.87	1.67	1.57	1.60	1.63	1.52	1.33	1.29	1.35			1.51
																									Max Daily Mean		3.36
																									Min Daily Mean		0.53

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.91	0.81	0.61	0.67	1.16	0.94	0.44	0.92	0.67	0.97	0.68	0.44	0.37	0.19	0.29	0.39	0.42	0.72	0.90	0.54	0.50	0.38	0.34	0.29	1.16	0.19	0.61
2	0.40	0.42	0.78	0.65	0.82	0.80	0.87	1.03	1.46	1.66	1.53	0.81	1.16	0.42	0.38	1.15	1.11	1.26	1.15	1.20	0.93	0.98	1.11	1.07	1.66	0.38	0.96
3	0.78	1.70	1.29	1.50	1.38	1.23	1.37	0.75	0.80	0.90	0.94	2.90	5.40	6.14	6.00	3.25	3.60	2.95	4.33	4.28	5.33	4.67	4.87	4.88	6.14	0.75	2.97
4	4.14	5.49	6.33	6.58	5.99	3.98	4.38	4.77	5.31	6.82	6.41	6.06	5.25	5.45	4.39	3.63	2.12	1.06	1.42	2.14	2.16	1.83	1.45	2.13	6.82	1.06	4.14
5	2.83	2.85	2.76	3.08	2.39	0.96	1.00	1.10	0.88	0.74	0.35	0.84	0.49	0.66	0.93	1.76	1.93	1.85	0.89	1.33	1.26	1.64	1.82	2.74	3.08	0.35	1.55
6	4.35	5.58	7.21	5.81	4.56	4.50	4.97	5.38	6.59	5.86	3.19	7.04	6.73	6.64	6.00	5.35	3.17	1.98	1.96	1.21	0.81	0.53	0.85	1.24	7.21	0.53	4.23
7	1.22	1.19	1.34	0.40	1.25	3.02	3.09	2.95	1.28	0.91	0.77	0.72	1.01	1.24	0.71	1.16	0.62	0.85	0.76	0.78	0.95	0.56	1.08	1.07	3.09	0.40	1.21
8	0.38	0.81	1.68	0.45	0.44	0.34	0.31	0.96	1.11	1.30	1.15	0.17	0.16	0.61	0.92	1.14	1.62	1.82	1.66	1.09	0.70	1.08	1.16	1.24	1.82	0.16	0.93
9	1.08	0.89	1.24	0.69	0.64	1.49	1.71	2.63	1.50	0.73	1.21	2.55	3.00	2.18	2.50	2.43	2.34	2.54	2.11	2.17	1.75	2.57	1.95	1.32	3.00	0.64	1.80
10	2.24	1.60	1.62	1.66	1.44	1.10	1.87	0.69	0.84	1.17	0.66	1.03	1.24	0.29	0.92	0.48	0.32	0.98	0.46	0.31	0.27	0.38	0.54	0.47	2.24	0.27	0.94
11	0.56	0.49	0.67	0.71	0.29	0.62	0.36	1.00	0.73	0.28	0.98	0.64	0.96	0.58	2.08	5.43	5.29	5.98	6.51	5.79	7.23	6.52	5.29	6.75	7.23	0.28	2.74
12	5.83	6.18	4.97	5.34	6.28	6.48	4.09	1.91	3.00	2.86	1.91	1.53	2.52	3.50	1.39	0.94	0.34	0.45	0.17	0.34	0.79	0.83	0.32	0.14	6.48	0.14	2.59
13	0.75	0.35	0.50	0.50	0.50	0.64	0.58	0.55	0.79	1.08	2.71	3.72	3.31	1.93	3.13	2.88	2.43	1.85	1.75	2.43	2.44	0.97	2.59	2.49	3.72	0.35	1.70
14	2.75	2.98	2.86	2.94	3.42	1.94	1.27	1.38	0.95	1.09	0.97	0.74	0.69	0.46	1.13	1.54	1.41	1.52	0.90	1.16	0.62	0.73	0.18	0.75	3.42	0.18	1.43
15	0.50	0.37	0.47	0.72	1.18	0.82	0.66	0.56	0.38	0.46	0.18	0.34	0.18	0.65	0.50	0.78	1.27	1.02	0.99	1.18	1.04	0.71	0.84	0.69	1.27	0.18	0.69
16	1.06	0.95	0.90	0.80	1.13	0.65	1.17	0.52	0.86	0.62	0.22	0.48	0.34	0.13	0.24	0.40	0.26	0.18	0.16	0.55	0.52	0.28	0.76	0.70	1.17	0.13	0.58
17	0.78	0.22	0.19	0.51	0.48	0.30	0.64	0.35	0.24	0.70	0.69	0.20	0.31	0.40	0.58	0.37	0.44	1.19	1.10	1.44	1.68	1.19	1.49	0.79	1.68	0.19	0.68
18	0.52	1.00	0.60	0.75	1.06	1.34	1.22	1.55	1.54	2.00	1.54	1.61	1.46	1.53	1.83	1.03	0.98	1.08	0.50	0.57	0.72	0.87	1.02	0.97	2.00	0.50	1.14
19	0.45	0.76	0.60	1.25	0.97	0.62	1.33	1.05	0.75	1.25	1.16	1.40	1.07	1.29	1.04	1.06	1.59	0.80	1.59	1.42	1.11	0.95	0.86	1.35	1.59	0.45	1.07
20	1.26	1.67	1.65	1.81	1.14	1.19	0.99	1.01	1.21	1.01	0.86	0.54	0.73	0.68	0.11	0.32	0.70	0.73	0.86	0.68	0.86	0.70	0.82	0.85	1.81	0.11	0.93
21	0.74	0.78	0.96	0.99	0.81	0.65	1.09	0.59	0.76	0.92	0.44	0.28	0.11	0.39	0.41	0.33	0.91	0.73	1.15	0.79	0.71	0.70	0.52	1.13	1.15	0.11	0.70
22	0.76	0.72	1.00	1.09	0.59	0.74	0.45	0.57	0.60	0.63	0.32	0.23	0.31	0.39	0.69	0.54	0.35	0.61	0.38	0.83	0.56	0.37	0.39	1.20	1.20	0.23	0.60
23	0.69	0.22	0.37	0.96	0.71	0.44	0.74	0.62	0.82	0.94	0.84	0.97	1.21	0.35	0.44	0.32	0.76	0.58	0.83	0.67	1.00	0.72	0.77	0.65	1.21	0.22	0.69
24	0.69	1.15	0.72	0.75	0.93	0.98	0.94	0.72	0.80	0.94	0.79	0.81	0.72	1.20	0.53	0.91	0.69	1.09	0.17	0.82	0.45	0.30	0.61	0.21	1.20	0.17	0.75
25	0.53	0.48	0.37	0.35	0.06	0.17	0.03	0.02	0.16	0.48	0.62	0.76	0.41	0.74	0.55	1.22	0.83	0.66	1.03	1.32	0.32	0.45	0.41	0.46	1.32	0.02	0.52
26	0.37	0.35	0.29	0.52	0.51	0.74	0.73	0.86	0.84	0.70	0.90	0.63	1.16	0.42	0.36	0.55	0.63	0.80	0.86	0.82	0.72	1.40	0.96	1.01	1.40	0.29	0.71
27	0.98	0.86	1.04	0.91	0.86	1.43	0.98	0.96	1.96	1.36	0.42	0.78	1.08	1.15	1.27	1.03	1.13	0.94	0.85	1.15	1.33	2.32	2.09	2.88	2.88	0.42	1.24
28	3.26	2.32	2.19	1.23	1.62	1.50	1.98	1.80	1.76	1.27	0.76	1.18	0.76	0.55	0.44	0.53	0.83	0.79	1.32	0.64	0.80	0.78	0.83	0.68	3.26	0.44	1.24
29	0.80	0.93	0.67	0.56	0.36	0.49	0.54	0.82	0.28	0.80	0.95	1.11	1.31	0.57	0.99	1.66	0.98	2.30	1.09	1.76	1.22	1.75	1.22	2.32	2.32	0.28	1.06
30	3.50	3.61	2.35	1.69	0.94	1.14	1.49	1.40	1.26	1.34	1.13	1.27	1.47	1.57	1.91	1.35	1.66	2.30	1.04	1.49	0.96	2.42	2.51	3.17	3.61	0.94	1.79
Max	5.83	6.18	7.21	6.58	6.28	6.48	4.97	5.38	6.59	6.82	6.41	7.04	6.73	6.64	6.00	5.43	5.29	5.98	6.51	5.79	7.23	6.52	5.29	6.75	7.23		
Min	0.37	0.22	0.19	0.35	0.06	0.17	0.03	0.02	0.16	0.28	0.18	0.17	0.11	0.13	0.11	0.32	0.26	0.18	0.16	0.31	0.27	0.28	0.18	0.14		0.02	
Avg.	1.50	1.59	1.61	1.53	1.46	1.37	1.38	1.31	1.34	1.39	1.18	1.39	1.50	1.41	1.42	1.46	1.36	1.39	1.30	1.36	1.32	1.32	1.32	1.52			1.41
																									Max Daily Mean		4.23
																									Min Daily Mean		0.52

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	2.17	2.68	1.45	1.44	1.58	0.48	0.29	0.84	0.69	0.54	1.01	0.84	0.78	1.08	1.07	1.20	0.26	0.46	1.02	1.15	0.87	0.49	0.86	0.75	2.68	0.26	1.00
2	0.99	0.53	0.90	1.62	1.39	1.89	1.15	1.39	1.10	1.18	0.97	0.61	0.82	0.77	0.82	2.82	3.81	3.39	1.71	3.26	2.64	1.30	1.03	1.90	3.81	0.53	1.58
3	2.40	0.96	0.34	0.66	1.22	0.65	2.11	1.59	2.29	2.69	3.57	3.82	4.16	2.95	3.08	3.84	4.07	2.55	1.10	1.24	1.05	1.06	0.85	1.04	4.16	0.34	2.05
4	0.56	0.61	0.85	0.75	1.09	1.79	1.51	0.93	0.93	1.16	2.01	1.07	2.19	1.79	4.09	4.48	2.90	2.02	1.24	1.03	1.19	2.26	2.37	1.34	4.48	0.56	1.67
5	0.71	2.87	4.91	2.75	2.23	3.16	3.36	4.05	2.88	2.39	3.62	3.13	3.43	5.14	5.32	3.38	2.88	2.82	3.01	2.64	2.50	2.93	3.70	3.27	5.32	0.71	3.21
6	4.80	4.52	3.70	3.53	3.18	2.90	2.63	2.86	2.00	2.13	2.95	2.69	3.38	2.27	1.33	1.19	1.38	1.23	1.14	0.78	0.80	0.70	0.99	1.63	4.80	0.70	2.28
7	2.48	1.87	2.03	1.81	2.19	2.04	1.41	1.76	1.13	3.23	3.35	2.55	1.92	4.18	6.39	5.24	5.11	3.23	3.13	4.15	7.43	4.86	1.94	2.34	7.43	1.13	3.16
8	2.69	3.01	2.72	2.74	3.26	3.00	2.25	1.63	0.93	1.65	1.35	1.58	1.61	0.68	0.85	1.15	1.59	1.49	1.20	0.82	1.05	1.44	1.04	0.70	3.26	0.68	1.68
9	0.71	0.44	1.16	0.73	1.23	0.52	0.57	0.56	0.25	0.84	0.20	0.26	0.55	0.87	0.60	0.44	0.49	0.66	0.37	0.25	0.39	0.52	1.12	0.86	1.23	0.20	0.61
10	0.80	0.81	0.85	0.66	0.69	0.33	0.71	0.67	0.97	1.25	0.93	1.52	1.62	1.50	1.30	2.15	2.46	3.12	3.97	4.57	5.19	6.06	5.72	4.01	6.06	0.33	2.16
11	1.52	1.23	1.08	1.72	1.55	1.84	1.71	1.84	1.72	1.16	1.95	3.15	4.82	7.15	6.85	5.62	6.92	4.97	4.62	5.23	6.01	5.92	5.29	4.50	7.15	1.08	3.68
12	3.31	1.78	1.11	1.84	1.82	1.02	0.60	0.77	1.95	1.34	2.33	2.86	2.13	2.95	2.10	2.07	1.80	2.08	2.02	1.16	2.94	2.41	2.06	1.22	3.31	0.60	1.90
13	0.75	0.82	0.88	0.44	0.51	2.32	0.95	0.94	0.84	0.19	0.64	0.38	1.13	1.06	0.29	0.95	1.31	1.37	1.63	1.42	1.31	0.70	0.56	0.66	2.32	0.19	0.92
14	0.82	1.70	1.94	1.32	1.29	0.77	0.76	1.05	2.20	1.18	1.83	2.29	1.51	1.26	1.54	3.33	2.44	1.51	1.76	0.82	1.24	1.42	1.46	1.69	3.33	0.76	1.55
15	1.14	0.94	0.71	0.63	0.79	1.02	0.65	1.70	2.18	2.40	2.19	3.05	3.15	3.86	5.20	4.40	6.68	3.40	2.21	1.38	1.53	0.63	0.91	1.08	6.68	0.63	2.16
16	0.76	1.13	1.34	1.24	1.45	1.20	1.48	1.42	1.35	0.70	0.73	0.46	0.87	1.41	1.39	1.05	1.70	1.73	0.72	1.45	0.70	0.94	1.18	0.93	1.73	0.46	1.14
17	0.57	0.88	0.51	0.80	1.19	1.27	0.72	0.82	1.08	0.69	0.31	1.22	1.21	1.17	0.71	0.45	0.93	0.56	0.71	1.23	1.26	1.07	1.35	1.27	1.35	0.31	0.92
18	0.97	1.36	1.74	1.56	1.25	0.52	0.78	5.36	5.02	5.25	4.85	2.22	3.82	3.31	1.77	4.15	6.36	6.06	5.32	3.29	1.95	1.49	1.28	0.82	6.36	0.52	2.94
19	1.28	1.42	0.78	0.59	1.27	0.73	1.09	0.60	0.54	0.58	0.88	0.79	0.53	0.51	0.83	0.59	0.40	0.83	0.91	0.77	0.82	1.13	1.55	1.00	1.55	0.40	0.85
20	1.01	1.62	2.11	1.19	0.99	1.00	1.25	0.79	0.68	0.30	0.71	0.88	1.60	1.01	0.98	1.74	1.34	0.80	0.50	0.98	0.83	0.51	0.69	0.65	2.11	0.30	1.01
21	0.87	0.97	0.84	0.45	0.48	0.64	0.65	1.04	0.59	0.52	0.33	0.51	1.74	2.05	1.63	0.65	0.54	0.30	0.77	1.12	1.09	1.20	0.97	0.59	2.05	0.30	0.86
22	0.77	0.88	2.09	1.48	0.52	1.43	1.26	1.29	1.13	0.97	1.56	1.10	1.30	1.20	1.52	1.73	1.18	1.07	0.66	0.93	0.82	0.15	1.07	1.41	2.09	0.15	1.15
23	2.66	2.31	2.14	2.51	2.03	1.88	2.24	1.03	1.30	2.74	2.16	2.21	2.17	2.19	2.07	0.83	0.57	0.53	0.73	0.47	0.33	1.10	1.04	1.30	2.74	0.33	1.61
24	0.81	1.50	1.02	0.57	0.57	0.60	0.35	0.40	0.41	0.31	0.26	0.95	0.75	1.36	0.90	0.99	0.80	0.73	0.76	0.78	1.61	1.29	0.66	0.87	1.61	0.26	0.80
25	0.68	1.05	0.58	0.79	0.60	0.91	0.75	0.87	1.45	1.16	1.10	0.46	0.68	1.08	1.51	1.06	0.97	1.73	1.64	0.95	1.41	1.15	1.25	0.93	1.73	0.46	1.03
26	0.42	1.42	0.81	1.03	0.80	1.06	0.60	0.84	0.46	1.85	1.23	1.16	1.23	0.75	1.55	2.10	2.64	1.90	2.03	1.68	5.28	4.35	5.01	5.98	5.98	0.42	1.92
27	5.56	6.20	6.10	5.11	3.96	4.23	1.64	2.08	2.07	1.91	0.71	1.17	1.12	0.94	1.06	0.57	1.21	1.51	1.02	0.51	0.86	0.62	0.92	1.50	6.20	0.51	2.19
28	1.20	0.71	0.79	1.23	0.56	0.72	0.45	0.65	0.61	0.64	0.86	1.46	2.14	2.21	2.86	3.44	2.88	2.56	3.15	2.51	2.47	1.67	2.05	1.46	3.44	0.45	1.64
29	2.05	1.47	1.01	1.13	1.16	1.43	1.34	1.02	0.35	0.32	0.78	1.10	1.06	1.04	0.45	0.10	0.49	0.36	0.33	0.50	0.82	0.94	1.07	1.06	2.05	0.10	0.89
30	0.94	0.56	0.52	0.32	1.31	1.48	1.31	0.63	0.83	0.76	0.20	0.60	0.30	0.93	0.83	0.62	0.92	0.54	1.13	0.30	0.88	0.84	0.61	0.27	1.48	0.20	0.73
31	0.27	0.85	0.58	0.76	0.78	0.95	0.72	0.98	0.84	0.74	0.91	0.70	0.53	0.85	0.40	0.43	0.15	0.47	0.51	1.06	0.50	0.51	0.96	0.87	1.06	0.15	0.68
Max	5.56	6.20	6.10	5.11	3.96	4.23	3.36	5.36	5.02	5.25	4.85	3.82	4.82	7.15	6.85	5.62	6.92	6.06	5.32	5.23	7.43	6.06	5.72	5.98	7.43		
Min	0.27	0.44	0.34	0.32	0.48	0.33	0.29	0.40	0.25	0.19	0.20	0.26	0.30	0.51	0.29	0.10	0.15	0.30	0.33	0.25	0.33	0.15	0.56	0.27		0.10	
Avg.	1.51	1.58	1.54	1.40	1.39	1.41	1.20	1.37	1.32	1.38	1.50	1.51	1.75	1.92	1.98	2.02	2.17	1.81	1.65	1.56	1.86	1.67	1.66	1.55			1.61
																									Max Daily Mean		3.68
																									Min Daily Mean		0.61

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.90	0.87	0.73	0.97	0.79	0.72	0.64	0.84	0.58	0.45	1.01	0.47	0.28	0.79	0.65	1.03	0.55	1.49	2.10	2.30	1.51	1.39	1.30	1.47	2.30	0.28	0.99
2	1.43	1.68	1.02	2.04	1.06	1.32	0.77	0.68	0.39	0.84	0.69	0.49	0.69	1.61	0.68	1.29	1.24	1.47	0.86	1.09	1.02	0.88	1.16	0.82	2.04	0.39	1.05
3	1.66	0.95	1.33	1.94	1.84	1.69	1.95	2.33	1.28	1.87	1.77	1.39	0.35	0.23	0.22	0.30	0.45	0.33	0.21	0.46	0.56	0.45	0.31	0.27	2.33	0.21	1.01
4	0.13	0.44	0.40	0.18	0.56	0.46	1.00	0.70	1.44	2.02	2.34	2.29	3.13	4.11	3.47	3.63	3.64	4.36	4.59	3.85	2.77	1.69	0.37	0.32	4.59	0.13	2.00
5	0.30	0.67	0.80	1.23	1.36	1.19	1.56	1.42	0.95	1.73	2.43	2.98	2.90	2.54	1.48	1.34	2.23	2.21	2.06	0.70	1.03	1.51	1.83	1.94	2.98	0.30	1.60
6	1.32	1.06	0.91	0.39	0.60	0.89	2.05	2.27	2.81	3.07	3.85	3.13	3.14	2.35	1.36	1.27	0.84	0.59	0.52	0.48	0.61	0.97	1.57	0.88	3.85	0.39	1.54
7	0.80	0.50	0.82	0.85	0.56	0.42	0.39	0.76	0.77	0.49	1.00	0.78	1.23	1.12	0.58	0.45	0.35	0.98	0.91	1.03	1.36	1.73	1.81	3.25	3.25	0.35	0.96
8	2.08	3.67	3.39	4.64	4.98	5.06	3.48	3.36	3.26	2.70	2.20	1.83	1.00	1.00	1.24	1.95	0.87	0.62	0.86	1.22	1.49	0.94	1.00	0.46	5.06	0.46	2.22
9	0.41	0.67	0.97	0.93	0.77	1.01	0.63	1.27	1.21	1.25	1.11	0.99	1.08	1.48	1.06	1.14	1.54	2.02	1.58	2.10	1.91	1.86	2.10	1.70	2.10	0.41	1.28
10	1.07	0.95	1.05	3.00	3.71	3.93	5.00	5.30	5.60	6.01	6.51	5.93	4.19	1.36	0.97	0.90	1.03	1.15	1.33	1.15	1.43	0.96	0.58	1.38	6.51	0.58	2.69
11	1.34	1.16	0.91	1.03	1.95	2.42	1.31	1.07	0.90	1.16	1.94	1.14	1.12	0.85	0.68	1.00	0.82	0.49	0.54	0.33	0.64	0.45	0.67	0.31	2.42	0.31	1.01
12	0.42	0.43	0.59	0.83	3.29	3.14	3.49	2.78	1.40	1.61	1.44	2.09	2.40	1.36	1.73	1.37	1.93	1.17	1.48	1.84	1.06	1.31	1.81	1.26	3.49	0.42	1.68
13	1.56	1.68	1.82	1.59	1.25	1.12	1.16	1.05	1.15	0.89	0.59	0.37	0.34	0.58	0.44	0.31	0.58	0.63	0.70	0.51	0.31	0.28	0.40	0.49	1.82	0.28	0.83
14	0.64	0.31	0.66	0.71	0.62	1.23	1.02	0.94	1.29	0.93	0.90	0.61	0.95	0.74	0.82	0.89	0.74	0.67	1.17	0.72	0.72	0.47	1.54	1.53	1.54	0.31	0.87
15	0.77	0.88	0.82	0.98	1.36	0.82	0.90	1.47	1.40	1.08	0.87	1.01	1.15	0.81	1.63	0.65	1.19	0.83	1.06	1.31	0.76	0.76	0.94	0.44	1.63	0.44	1.00
16	1.01	1.48	1.02	1.36	0.59	0.69	0.40	0.70	1.26	0.74	1.08	1.31	1.20	0.94	0.70	0.92	0.92	0.72	1.20	0.86	0.69	0.80	0.94	0.94	1.48	0.40	0.94
17	0.94	0.68	0.95	1.13	0.67	0.85	1.20	0.45	0.88	0.84	0.79	0.87	0.49	0.41	0.79	1.21	0.55	0.82	0.66	0.95	0.71	1.21	1.21	0.56	1.21	0.41	0.83
18	0.34	0.51	0.73	0.86	0.72	0.97	1.38	1.21	0.80	0.93	1.44	1.41	0.88	0.72	0.74	1.26	1.01	0.92	0.92	0.61	1.19	1.11	0.70	0.72	1.44	0.34	0.92
19	0.60	0.98	1.15	0.51	0.50	0.93	0.86	0.78	1.13	0.46	0.22	0.29	0.26	0.58	1.44	1.19	1.13	0.92	1.21	1.35	1.48	1.43	0.99	1.16	1.48	0.22	0.90
20	1.56	2.50	2.01	2.03	2.03	2.42	1.23	1.29	1.39	0.73	0.81	1.10	1.31	1.12	1.10	1.99	2.05	1.36	0.94	1.43	1.71	1.27	0.71	0.68	2.50	0.68	1.45
21	0.30	0.52	0.28	0.95	0.49	0.74	0.64	1.43	0.66	0.36	1.14	0.83	0.43	0.36	0.25	0.23	1.03	1.37	1.12	3.59	4.36	4.17	4.27	4.42	4.42	0.23	1.41
22	5.32	7.20	5.88	6.52	7.72	8.29	10.13	9.38	8.89	8.62	8.19	7.27	7.10	8.29	7.51	7.57	7.10	7.55	7.01	7.23	6.83	4.70	2.37	3.15	10.13	2.37	7.08
23	2.28	2.73	4.05	3.72	3.16	3.02	2.59	2.83	4.15	4.41	4.41	4.54	4.78	4.30	3.95	4.01	4.13	4.16	3.58	3.80	3.89	3.59	3.99	2.73	4.78	2.28	3.70
24	3.33	4.09	4.54	4.13	2.60	2.91	3.48	4.12	3.41	3.41	2.19	3.36	2.69	2.88	2.03	2.39	2.56	2.52	2.63	2.16	1.43	1.85	2.25	1.21	4.54	1.21	2.84
25	1.68	1.55	1.46	1.99	2.44	1.83	2.29	2.25	2.46	2.10	1.78	2.08	1.83	2.49	2.28	2.28	2.12	2.16	1.99	1.52	1.88	2.01	2.03	1.63	2.49	1.46	2.01
26	0.68	1.33	1.85	1.59	1.75	1.83	1.88	1.86	1.93	2.22	1.98	2.40	1.19	1.03	0.58	0.65	0.53	0.96	0.45	0.79	1.36	1.55	0.96	0.33	2.40	0.33	1.32
27	0.40	0.54	0.30	0.31	0.38	0.61	0.67	0.47	0.86	0.82	0.87	0.70	0.54	0.70	1.04	0.88	0.95	0.51	0.81	1.17	1.31	0.99	1.35	0.92	1.35	0.30	0.75
28	0.89	0.90	0.82	1.09	0.80	1.12	1.17	1.08	1.12	0.77	0.61	1.05	1.17	0.77	1.27	0.99	1.00	1.42	1.04	1.13	0.76	1.10	0.91	0.69	1.42	0.61	0.99
29	1.07	1.00	0.63	0.96	0.87	0.63	0.42	0.61	1.10	1.25	1.27	1.98	1.14	1.41	1.09	0.49	0.44	0.44	0.39	0.37	0.91	1.01	0.76	0.84	1.98	0.37	0.88
30	1.18	0.64	0.60	0.77	0.82	0.54	0.38	0.50	0.45	0.53	0.60	0.30	0.31	1.03	0.92	0.25	1.01	0.41	0.48	0.46	0.49	0.65	0.78	1.05	1.18	0.25	0.63
31	1.05	1.67	0.78	0.50	0.38	0.36	0.36	0.54	0.83	1.85	1.89	0.77	0.98	0.51	0.28	0.50	1.29	1.30	1.16	1.44	1.38	0.67	0.94	0.78	1.89	0.28	0.93
Max	5.32	7.20	5.88	6.52	7.72	8.29	10.13	9.38	8.89	8.62	8.19	7.27	7.10	8.29	7.51	7.57	7.10	7.55	7.01	7.23	6.83	4.70	4.27	4.42	10.13		
Min	0.13	0.31	0.28	0.18	0.38	0.36	0.36	0.45	0.39	0.36	0.22	0.29	0.26	0.23	0.22	0.23	0.35	0.33	0.21	0.33	0.31	0.28	0.31	0.27		0.13	
Avg.	1.21	1.43	1.40	1.60	1.63	1.71	1.76	1.80	1.80	1.81	1.87	1.80	1.62	1.56	1.39	1.43	1.48	1.50	1.47	1.55	1.53	1.41	1.37	1.24			1.56
																									Max Daily Mean		7.08
																									Min Daily Mean		0.63

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.35	1.32	2.15	1.53	1.03	2.06	1.84	2.56	1.68	0.97	2.05	2.65	2.36	2.36	2.71	5.64	8.12	8.62	5.92	5.56	5.79	6.34	3.84	3.38	8.62	0.97	3.41
2	5.30	5.29	4.33	4.70	5.55	5.36	3.84	1.05	1.23	1.48	1.19	1.23	1.06	1.15	1.15	0.97	0.83	1.46	3.77	3.59	2.39	2.50	2.35	1.87	5.55	0.83	2.65
3	1.23	0.84	1.87	2.80	4.33	4.47	5.01	5.49	4.44	5.45	4.25	3.03	2.72	1.28	2.28	1.98	2.50	2.15	2.24	1.18	0.37	0.70	1.13	0.60	5.49	0.37	2.60
4	1.19	1.41	1.06	1.36	1.67	1.52	1.10	1.15	1.15	2.50	2.64	3.01	2.50	2.46	1.38	1.74	1.67	2.23	3.20	3.21	2.39	2.98	3.04	3.27	3.27	1.06	2.08
5	2.83	3.62	3.65	3.71	4.15	5.30	7.92	7.48	7.80	6.66	6.32	6.68	6.92	5.63	5.71	5.53	4.75	3.41	3.50	5.19	5.52	6.33	6.08	4.71	7.92	2.83	5.39
6	3.74	4.61	3.03	3.30	3.61	6.55	4.62	3.09	2.14	2.16	2.48	2.92	3.31	3.77	1.88	1.88	2.50	1.82	1.42	0.87	0.94	1.11	1.40	1.26	6.55	0.87	2.68
7	0.72	1.32	1.44	1.48	1.42	0.98	0.79	1.22	2.99	5.17	4.84	4.20	3.02	3.70	2.18	4.31	5.19	4.23	6.37	6.84	3.32	2.41	2.50	3.47	6.84	0.72	3.09
8	3.29	4.43	5.03	4.34	4.15	3.85	4.36	2.70	2.29	3.44	4.15	3.19	3.98	4.02	4.49	4.24	4.49	6.69	3.77	5.05	7.31	7.23	6.01	4.87	7.31	2.29	4.47
9	6.13	5.14	4.52	3.94	2.51	3.30	1.23	0.46	0.85	0.93	1.12	1.53	0.79	1.17	1.48	1.57	6.36	7.28	7.22	5.56	5.65	7.20	7.03	6.09	7.28	0.46	3.71
10	5.71	4.87	4.84	4.54	3.35	2.75	2.34	1.88	0.74	1.31	4.04	3.50	3.36	2.46	1.21	1.34	1.39	1.61	1.68	1.59	0.72	0.85	1.21	1.32	5.71	0.72	2.44
11	1.45	1.22	1.41	1.40	1.15	1.90	1.57	1.49	1.50	1.84	2.87	2.68	3.98	4.45	4.21	4.00	3.34	2.30	3.05	3.14	3.26	4.78	4.72	3.12	4.78	1.15	2.70
12	2.93	2.32	1.53	2.03	1.11	1.28	0.91	0.88	0.51	0.85	1.94	2.04	1.49	1.60	1.30	2.42	0.93	2.09	1.51	1.01	1.82	1.84	1.87	1.75	2.93	0.51	1.58
13	1.63	1.39	1.13	1.12	0.87	0.56	1.13	1.74	1.87	1.38	1.44	1.40	1.28	1.61	0.79	0.89	1.64	3.11	3.69	3.91	4.74	3.12	2.55	2.54	4.74	0.56	1.90
14	3.25	3.42	1.39	1.33	2.26	2.31	1.61	1.69	1.17	0.77	0.78	1.26	0.95	0.51	0.56	0.36	0.61	1.73	2.26	1.83	1.50	1.65	1.54	1.02	3.42	0.36	1.49
15	0.96	0.66	1.91	1.37	1.30	1.72	2.11	2.94	3.16	4.20	2.62	2.73	2.93	3.11	2.89	2.01	2.66	4.62	5.15	4.56	4.52	4.50	4.54	3.45	5.15	0.66	2.94
16	2.79	1.79	1.68	1.45	1.24	1.55	0.90	1.15	1.01	1.41	1.08	1.04	0.54	1.22	0.64	0.51	1.53	1.73	1.39	1.09	0.70	0.87	1.26	1.68	2.79	0.51	1.26
17	2.28	1.82	1.62	1.68	1.38	1.55	1.42	1.44	1.11	1.02	0.87	0.78	0.97	1.01	0.89	1.55	1.45	1.56	1.64	1.31	1.40	1.13	0.83	0.91	2.28	0.78	1.32
18	0.62	1.19	1.06	1.06	2.05	1.76	1.23	0.99	0.62	1.00	0.51	1.06	2.25	1.23	1.38	2.53	2.75	2.38	2.37	1.88	1.73	1.33	0.78	1.15	2.75	0.51	1.45
19	1.08	0.66	1.34	0.79	1.12	0.45	0.81	0.87	1.49	0.44	1.02	0.94	1.10	1.62	2.26	3.02	3.03	2.75	3.33	3.18	3.82	5.09	4.04	4.13	5.09	0.44	2.02
20	4.53	4.52	3.68	3.13	3.28	3.21	3.80	6.36	8.36	8.05	8.64	8.47	6.21	5.58	4.16	3.67	4.40	4.47	4.65	5.33	5.21	3.94	1.15	1.45	8.64	1.15	4.84
21	1.28	2.15	1.44	1.75	0.95	1.15	0.39	0.48	0.54	0.34	0.40	0.42	0.35	0.27	0.29	0.44	0.69	0.52	1.26	1.10	0.88	0.91	0.22	0.70	2.15	0.22	0.79
22	0.13	0.69	0.34	0.77	0.42	0.50	0.77	0.65	0.48	1.26	0.58	0.31	0.62	0.75	0.80	0.46	0.44	0.82	1.61	1.69	0.99	0.92	0.35	0.41	1.69	0.13	0.70
23	0.43	0.46	0.45	0.38	0.44	0.68	0.25	0.55	0.29	0.35	0.27	0.46	0.39	0.26	0.19	0.41	0.33	0.51	0.32	0.57	0.34	0.85	0.91	0.44	0.91	0.19	0.44
24	0.26	0.28	0.53	1.21	0.68	0.41	0.30	0.31	0.54	0.36	0.03	0.22	2.19	2.65	2.30	2.44	2.90	3.09	2.31	2.50	1.61	1.30	1.15	1.15	3.09	0.03	1.28
25	0.39	1.45	0.83	0.96	0.46	0.11	0.18	0.22	0.58	0.48	0.72	0.31	0.22	0.16	0.83	2.56	1.93	2.34	1.92	1.60	1.02	1.54	1.65	1.80	2.56	0.11	1.01
26	1.64	1.63	1.26	2.01	4.76	3.20	3.42	1.80	1.35	0.64	0.53	1.58	0.98	0.95	0.35	0.67	1.09	1.66	1.15	1.43	1.89	3.42	5.62	3.78	5.62	0.35	1.95
27	2.50	2.69	3.40	4.88	5.24	2.53	2.98	2.39	2.47	1.27	1.35	1.10	0.46	0.16	0.74	1.56	1.88	1.53	2.13	3.53	3.59	3.77	3.83	3.15	5.24	0.16	2.46
28	2.90	2.63	2.32	1.96	2.05	1.64	0.74	1.37	1.78	1.24	2.54	4.11	4.16	3.51	4.11	5.28	5.62	5.54	5.83	6.56	5.85	3.93	3.17	2.30	6.56	0.74	3.38
29	2.06	1.16	1.49	1.70	1.41	1.06	0.85	1.20	0.84	0.13	0.23	0.50	1.68	2.15	2.31	2.22	2.14	1.47	1.96	1.55	0.77	0.84	0.55	0.86	2.31	0.13	1.30
Max	6.13	5.29	5.03	4.88	5.55	6.55	7.92	7.48	8.36	8.05	8.64	8.47	6.92	5.63	5.71	5.64	8.12	8.62	7.22	6.84	7.31	7.23	7.03	6.09	8.64		
Min	0.13	0.28	0.34	0.38	0.42	0.11	0.18	0.22	0.29	0.13	0.03	0.22	0.22	0.16	0.19	0.36	0.33	0.51	0.32	0.57	0.34	0.70	0.22	0.41		0.03	
Avg.	2.23	2.24	2.09	2.16	2.20	2.20	2.01	1.92	1.90	1.97	2.12	2.18	2.16	2.10	1.91	2.28	2.66	2.89	2.99	2.98	2.76	2.88	2.60	2.30			2.32
																									Max Daily Mean		5.39
																									Min Daily Mean		0.44

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.97	0.65	1.19	1.48	1.58	1.84	1.71	1.37	1.26	2.25	6.48	5.89	4.20	5.55	4.85	5.31	4.48	6.68	7.28	7.52	5.99	3.99	2.34	2.11	7.52	0.65	3.62
2	1.50	1.52	1.35	0.76	0.51	0.49	1.09	1.29	1.33	0.74	1.32	1.28	2.76	4.07	4.35	4.07	4.07	2.69	0.80	0.28	0.24	0.21	0.25	0.19	4.35	0.19	1.55
3	0.38	0.28	1.58	2.56	1.99	1.37	2.35	1.97	2.35	2.57	3.23	2.98	2.38	0.73	1.19	0.82	1.34	0.85	1.18	0.98	0.58	0.83	0.48	0.96	3.23	0.28	1.50
4	0.99	0.32	0.28	0.36	0.17	0.31	0.45	0.34	0.15	0.37	0.70	0.72	2.20	1.96	1.84	1.59	1.80	0.43	0.31	0.94	1.88	1.67	0.98	1.02	2.20	0.15	0.91
5	1.26	1.04	1.32	0.59	0.78	0.86	1.12	0.94	1.73	1.11	1.99	1.84	1.77	2.69	3.00	4.39	5.53	4.58	3.88	4.17	6.09	3.40	2.84	1.81	6.09	0.59	2.45
6	1.71	1.97	1.50	1.54	1.60	1.11	0.82	0.65	0.81	0.44	0.94	3.46	3.17	3.01	5.04	5.29	6.69	6.17	6.65	6.81	6.63	5.32	5.20	4.90	6.81	0.44	3.39
7	4.72	4.07	4.26	3.72	3.77	3.81	3.03	3.12	2.78	1.88	1.58	2.18	2.46	1.90	2.91	2.38	1.91	0.48	1.28	1.20	1.07	0.45	1.09	1.23	4.72	0.45	2.39
8	1.61	1.32	1.76	2.88	2.96	3.24	2.60	1.88	2.31	1.86	6.69	9.70	12.29	11.58	10.96	12.15	10.15	10.01	6.63	5.79	6.89	9.40	9.79	10.25	12.29	1.32	6.45
9	7.91	6.73	8.36	5.25	3.12	3.06	1.57	1.81	2.58	3.63	3.54	2.67	3.54	3.39	3.55	1.61	1.26	0.85	3.44	3.59	3.40	2.24	1.65	2.85	8.36	0.85	3.40
10	2.14	1.33	1.26	1.17	1.84	1.74	1.99	1.95	1.95	1.61	2.58	2.73	2.66	3.26	2.52	2.77	2.75	2.88	3.09	3.52	3.55	3.37	1.47	1.46	3.55	1.17	2.32
11	1.83	0.97	1.04	0.13	0.74	0.27	0.42	0.40	0.14	0.62	0.45	0.38	1.50	1.65	2.17	2.32	2.32	2.67	2.39	2.39	2.43	1.22	1.26	1.44	2.67	0.13	1.30
12	1.49	0.98	0.60	0.59	0.32	1.36	0.69	1.08	1.60	1.20	1.38	0.28	1.41	2.41	2.65	2.36	2.88	2.55	3.79	5.18	6.55	5.31	6.24	3.85	6.55	0.28	2.36
13	2.62	1.45	1.64	0.84	1.10	1.54	1.52	2.35	5.03	2.17	4.84	6.16	5.82	5.38	6.69	6.28	6.25	5.65	5.57	4.70	4.83	5.33	5.51	5.64	6.69	0.84	4.12
14	6.19	4.36	2.80	2.15	2.13	2.03	2.11	1.94	2.61	2.69	3.25	4.43	5.47	4.83	5.56	5.27	4.31	3.82	3.23	3.47	4.62	5.37	6.65	7.07	7.07	1.94	4.02
15	7.21	2.90	1.98	2.20	1.27	0.63	1.01	1.14	2.60	3.14	3.55	6.52	5.79	5.20	4.48	4.83	5.78	6.53	5.53	4.58	5.58	3.68	2.25	1.41	7.21	0.63	3.74
16	0.99	1.16	0.97	0.81	1.69	2.54	1.65	0.65	1.11	2.52	2.62	4.51	3.58	2.55	3.59	3.53	3.45	3.06	3.23	2.93	3.22	4.67	3.78	2.45	4.67	0.65	2.55
17	2.38	1.78	2.25	1.06	0.83	0.44	0.54	0.33	0.56	0.52	0.52	1.28	0.50	0.53	1.30	2.24	2.31	2.88	3.06	1.53	0.72	0.85	0.84	0.76	3.06	0.33	1.25
18	0.75	0.29	0.46	0.34	0.17	0.27	0.50	0.43	0.95	1.33	1.33	0.69	0.85	0.41	0.76	0.61	1.62	2.71	1.85	1.36	1.68	1.24	0.88	0.74	2.71	0.17	0.93
19	0.67	0.72	0.60	0.73	0.67	0.67	0.82	0.73	0.54	1.02	0.44	0.46	0.50	2.83	3.04	3.66	3.35	2.64	2.98	2.82	3.05	3.60	3.25	3.04	3.66	0.44	1.78
20	3.02	3.50	3.24	3.45	3.22	2.61	2.59	3.04	2.75	1.07	1.61	1.76	1.32	1.53	2.55	2.85	2.18	2.38	1.90	2.92	4.77	4.41	4.49	3.68	4.77	1.07	2.79
21	3.16	3.26	3.86	2.77	1.68	1.95	1.98	1.79	1.08	1.27	0.94	2.03	2.85	2.87	3.19	3.02	3.67	4.65	4.85	2.46	2.80	2.36	1.78	0.98	4.85	0.94	2.55
22	1.13	1.06	1.43	1.27	0.77	0.89	0.85	0.72	0.74	1.47	0.65	0.50	0.63	0.45	1.00	1.61	1.97	1.35	1.73	2.02	1.78	1.58	1.25	1.11	2.02	0.45	1.17
23	1.07	0.60	0.28	0.35	0.73	1.28	2.00	1.87	1.21	1.58	2.21	3.90	4.68	3.55	4.10	2.61	3.52	3.78	4.84	3.87	3.04	3.39	3.06	1.51	4.84	0.28	2.46
24	1.26	2.22	2.47	1.35	1.03	2.34	2.42	1.55	1.29	1.12	0.45	0.47	0.78	0.47	0.97	1.14	0.56	0.49	0.65	1.78	1.19	1.70	0.71	1.49	2.47	0.45	1.25
25	1.46	0.83	1.28	1.06	1.07	0.97	0.51	1.16	1.12	0.79	1.25	1.90	2.32	1.84	1.58	1.04	1.39	1.20	1.74	2.37	2.29	1.34	0.64	1.08	2.37	0.51	1.34
26	1.46	1.54	1.24	1.30	1.27	1.20	1.30	0.82	0.81	1.37	1.81	3.01	3.74	3.07	2.40	2.15	1.05	1.64	1.72	2.25	2.07	1.83	1.51	1.13	3.74	0.81	1.74
27	1.26	1.46	0.87	1.16	0.86	1.76	1.52	0.88	0.96	2.63	2.83	3.85	5.09	4.43	4.59	3.87	4.71	5.28	4.41	4.62	5.14	4.38	2.84	2.75	5.28	0.86	3.01
28	2.65	2.64	2.80	2.84	3.12	2.86	2.28	2.17	2.16	3.90	4.81	4.97	4.14	5.12	5.45	4.58	5.19	5.03	4.85	3.77	3.07	3.35	1.48	1.96	5.45	1.48	3.55
29	1.42	1.89	1.60	1.34	1.13	1.11	1.49	0.83	0.76	2.07	2.61	3.51	3.85	2.82	3.15	3.71	3.57	3.73	3.47	3.33	3.81	2.87	3.93	3.94	3.94	0.76	2.58
30	2.87	1.52	1.31	1.63	0.67	0.78	1.28	1.01	1.96	2.37	1.50	2.14	2.86	2.93	2.41	2.85	2.18	0.69	1.16	0.89	0.72	1.33	0.89	0.69	2.93	0.67	1.61
31	0.69	0.13	0.54	0.68	0.68	1.08	0.46	0.75	0.94	0.85	0.45	2.30	1.79	1.11	1.51	1.34	1.05	1.48	3.18	1.68	1.55	1.66	1.90	0.91	3.18	0.13	1.20
Max	7.91	6.73	8.36	5.25	3.77	3.81	3.03	3.12	5.03	3.90	6.69	9.70	12.29	11.58	10.96	12.15	10.15	10.01	7.28	7.52	6.89	9.40	9.79	10.25	12.29		
Min	0.38	0.13	0.28	0.13	0.17	0.27	0.42	0.33	0.14	0.37	0.44	0.28	0.50	0.41	0.76	0.61	0.56	0.43	0.31	0.28	0.24	0.21	0.25	0.19		0.13	
Avg.	2.22	1.76	1.81	1.56	1.40	1.50	1.44	1.32	1.55	1.68	2.21	2.85	3.13	3.04	3.33	3.30	3.33	3.22	3.25	3.09	3.27	2.98	2.62	2.40			2.43
																									Max Daily Mean		6.45
																									Min Daily Mean		0.91

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.68	0.56	0.43	0.29	0.46	0.25	0.68	1.02	0.32	0.60	1.84	1.71	1.97	2.31	2.43	2.69	3.08	2.57	2.27	2.14	1.63	1.54	1.93	2.00	3.08	0.25	1.48
2	4.39	6.14	5.79	6.00	5.93	5.68	5.69	4.99	4.70	4.06	3.33	2.90	2.83	2.78	2.49	2.32	2.52	1.83	1.75	1.42	1.55	2.28	4.19	3.35	6.14	1.42	3.70
3	2.69	1.87	1.40	0.99	1.02	0.78	0.44	0.54	0.05	0.56	0.40	0.77	1.10	0.97	0.96	1.51	1.45	1.73	1.34	1.71	2.09	1.79	1.72	1.35	2.69	0.05	1.22
4	1.60	1.28	0.91	1.34	1.22	1.17	1.02	0.46	1.48	1.96	1.42	2.51	2.63	2.03	1.55	1.00	1.20	1.19	1.44	1.60	1.55	1.77	2.07	2.19	2.63	0.46	1.52
5	1.16	1.18	1.03	1.66	1.82	1.79	1.41	2.08	2.01	1.80	2.67	1.83	0.65	0.17	0.21	0.33	0.77	0.68	1.10	1.82	1.26	1.33	1.13	0.99	2.67	0.17	1.29
6	1.55	1.53	1.49	1.48	1.17	1.66	1.14	0.79	0.89	1.47	2.06	4.44	3.68	2.91	3.10	2.37	2.15	1.92	1.04	1.45	1.47	1.45	0.77	0.92	4.44	0.77	1.79
7	0.64	0.88	1.06	0.71	0.84	1.00	0.98	0.45	0.54	0.44	0.54	1.17	0.68	0.85	1.16	2.48	1.85	1.14	0.80	0.49	0.32	0.47	1.03	0.78	2.48	0.32	0.89
8	0.34	0.38	0.52	2.40	3.33	2.97	2.74	2.85	2.54	2.33	2.73	1.20	0.82	1.74	2.67	2.63	2.41	2.56	2.98	3.55	4.21	4.22	4.44	4.80	4.80	0.34	2.56
9	3.44	2.73	2.42	1.67	1.43	1.04	0.62	1.11	1.21	2.39	4.23	3.91	1.76	1.33	1.58	1.39	1.83	2.15	1.40	2.11	1.74	1.51	1.64	1.01	4.23	0.62	1.90
10	0.56	0.56	0.61	0.94	0.63	0.89	0.45	0.98	1.18	1.92	4.83	4.37	3.60	4.09	4.25	3.77	3.15	2.30	2.69	1.83	3.65	4.53	2.35	2.10	4.83	0.45	2.34
11	1.95	1.54	1.16	1.04	0.88	0.87	0.63	1.00	0.81	1.01	3.45	3.97	3.45	3.27	3.61	3.57	3.86	3.61	3.46	3.77	3.57	1.12	1.32	1.19	3.97	0.63	2.25
12	1.34	0.95	1.00	0.78	0.80	0.84	0.94	0.73	1.43	1.73	1.86	2.29	1.90	2.63	2.80	3.45	3.52	3.48	3.37	4.30	4.92	4.87	4.04	3.25	4.92	0.73	2.38
13	2.18	1.60	0.93	1.07	0.85	1.50	1.38	0.92	4.31	4.98	3.36	2.72	2.63	3.52	4.56	4.17	3.79	3.56	4.55	4.74	5.11	5.00	6.28	6.99	6.99	0.85	3.36
14	5.98	5.37	5.80	5.41	5.24	5.94	5.77	4.40	4.33	4.09	2.88	2.67	3.23	3.52	4.39	4.70	4.06	3.02	3.08	3.62	3.89	4.81	3.34	2.57	5.98	2.57	4.25
15	3.02	2.83	2.97	2.68	2.31	2.52	2.33	3.69	3.85	4.91	4.44	3.67	3.55	3.09	4.11	4.30	3.48	2.47	1.80	1.08	1.19	0.98	0.81	0.78	4.91	0.78	2.79
16	1.28	1.53	1.63	1.73	2.37	2.18	3.31	3.56	4.72	6.24	4.79	3.78	4.00	3.51	3.84	3.64	3.81	3.66	3.50	2.08	1.82	1.84	0.66	0.70	6.24	0.66	2.92
17	1.24	1.33	0.85	1.00	0.97	0.87	1.26	1.30	2.47	2.93	3.95	3.51	3.23	2.59	3.91	2.22	1.84	1.83	2.04	2.59	2.22	2.09	1.43	1.24	3.95	0.85	2.04
18	1.15	1.17	0.83	1.20	1.70	1.22	1.06	1.64	2.10	1.60	1.87	2.05	1.38	2.82	2.06	2.21	2.73	2.53	4.42	1.83	0.99	1.45	0.98	1.18	4.42	0.83	1.76
19	0.55	0.60	1.04	1.03	0.96	1.31	0.45	0.62	1.65	2.00	2.66	1.67	2.64	2.97	1.90	2.44	2.68	3.34	2.59	2.96	3.07	4.17	1.99	1.70	4.17	0.45	1.96
20	1.51	1.76	1.32	1.06	1.10	1.08	0.78	0.65	0.42	0.79	0.91	1.08	3.84	2.61	3.78	1.91	0.89	1.22	1.97	3.67	2.94	1.05	0.81	0.69	3.84	0.42	1.58
21	0.50	0.54	0.68	0.54	0.33	0.43	0.56	0.30	0.33	0.56	0.90	3.02	1.70	2.24	1.34	0.98	2.68	2.43	1.43	1.47	1.03	1.27	0.80	1.02	3.02	0.30	1.13
22	1.33	1.12	0.91	0.61	0.79	0.47	0.22	0.72	1.09	1.63	2.09	1.14	2.13	1.59	1.52	2.45	3.22	2.05	1.19	0.68	0.63	0.27	0.43	0.89	3.22	0.22	1.22
23	1.40	0.95	0.31	0.63	0.33	1.08	0.32	0.27	0.28	0.88	1.16	0.48	1.40	2.21	1.43	1.01	1.92	2.96	3.61	1.24	1.60	1.11	1.82	1.45	3.61	0.27	1.24
24	1.12	1.79	0.70	0.95	0.46	0.81	0.43	1.34	2.06	1.51	2.58	2.02	2.78	2.31	2.14	2.85	1.59	1.82	3.18	2.07	1.38	1.12	1.56	1.27	3.18	0.43	1.66
25	1.21	0.98	0.92	0.91	1.32	0.46	0.46	1.56	1.86	1.70	2.83	2.75	1.38	2.29	2.54	1.77	2.15	3.00	2.68	2.66	1.24	1.76	1.80	2.02	3.00	0.46	1.76
26	1.56	1.29	1.38	0.86	0.56	0.59	0.78	1.25	0.51	1.69	1.73	2.22	2.44	2.09	2.49	2.48	2.78	2.15	2.85	2.77	3.90	5.93	4.20	1.26	5.93	0.51	2.07
27	1.77	1.66	0.97	0.48	0.21	0.29	0.70	1.63	2.74	3.01	2.45	1.96	1.55	2.73	2.27	2.25	2.88	1.49	1.38	2.52	2.63	1.75	1.17	1.76	3.01	0.21	1.76
28	1.31	0.70	1.48	0.68	0.61	1.00	0.57	0.50	0.49	0.89	3.62	2.13	2.31	2.25	1.37	2.09	1.10	0.84	1.24	1.63	0.98	1.61	1.72	0.88	3.62	0.49	1.33
29	1.29	1.21	0.68	1.25	0.51	0.66	0.62	0.23	0.49	0.75	0.87	1.33	2.79	2.78	3.68	1.51	0.97	4.03	3.39	2.67	2.80	1.01	0.51	0.57	4.03	0.23	1.53
30	0.40	0.62	0.40	0.62	0.30	0.32	0.06	0.13	0.55	0.90	1.43	2.17	3.07	3.28	Audit	Audit	Audit	Audit	2.37	1.41	0.97	0.69	1.32	1.42	3.28	0.06	1.12
Max	5.98	6.14	5.80	6.00	5.93	5.94	5.77	4.99	4.72	6.24	4.83	4.44	4.00	4.09	4.56	4.70	4.06	4.03	4.55	4.74	5.11	5.93	6.28	6.99	6.99		
Min	0.34	0.38	0.31	0.29	0.21	0.25	0.06	0.13	0.05	0.44	0.40	0.48	0.65	0.17	0.21	0.33	0.77	0.68	0.80	0.49	0.32	0.27	0.43	0.57		0.05	
Avg.	1.64	1.56	1.39	1.40	1.35	1.39	1.26	1.39	1.71	2.04	2.46	2.38	2.37	2.45	2.56	2.43	2.43	2.33	2.36	2.26	2.21	2.16	1.94	1.74			1.96
																									Max Daily Mean		4.25
																									Min Daily Mean		0.89

Total Hours in month: **720** **Hours Data Available:** **716** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.90	0.50	0.87	0.48	1.34	0.91	1.98	2.16	3.26	3.08	3.13	2.79	3.24	2.97	3.82	3.69	2.72	2.10	2.87	2.05	2.05	1.87	1.90	1.56	3.82	0.48	2.18
2	2.03	1.08	1.08	1.24	1.27	1.67	1.36	2.46	2.28	2.69	2.06	1.64	1.33	1.75	1.36	1.77	1.51	1.86	1.37	1.32	0.83	1.12	1.78	1.33	2.69	0.83	1.59
3	1.18	0.60	0.55	0.35	0.57	0.69	1.78	3.66	4.51	2.55	3.37	3.64	2.02	1.48	2.39	2.13	1.70	0.96	0.69	0.83	1.39	0.85	1.02	0.59	4.51	0.35	1.65
4	0.74	0.99	1.04	0.56	1.24	0.47	0.62	0.85	0.92	0.88	1.44	1.67	2.52	1.78	1.89	2.22	2.07	1.81	1.73	3.10	3.04	1.49	1.76	1.18	3.10	0.47	1.50
5	1.22	1.10	1.14	0.90	0.95	0.65	0.19	0.34	0.67	2.21	3.77	3.07	2.18	2.00	4.03	4.33	4.25	3.27	5.42	4.84	3.70	2.37	1.39	1.56	5.42	0.19	2.31
6	1.48	1.45	1.51	1.44	3.53	5.46	6.72	5.44	4.20	4.58	4.92	5.01	3.13	5.42	4.73	3.87	4.18	4.09	4.04	3.80	3.82	3.59	2.86	1.70	6.72	1.44	3.79
7	2.59	2.57	2.12	1.23	1.39	1.04	1.10	1.47	2.04	1.39	1.79	2.21	2.74	2.74	4.58	1.69	1.21	2.80	4.17	4.41	2.13	1.37	1.48	1.50	4.58	1.04	2.16
8	1.05	1.04	1.42	1.67	1.88	1.78	1.54	2.64	2.98	2.32	2.49	2.51	2.42	2.78	3.35	3.21	2.90	3.10	2.42	1.64	1.22	1.03	1.08	1.78	3.35	1.03	2.09
9	1.79	1.47	1.18	1.06	0.80	0.76	0.88	0.56	0.70	1.81	1.44	1.55	1.94	1.93	1.32	1.43	1.58	1.76	0.97	0.98	1.00	0.79	1.66	1.78	1.94	0.56	1.30
10	0.74	1.01	0.88	1.13	0.88	0.92	0.70	0.61	1.46	2.43	1.96	1.81	2.17	2.32	2.68	2.10	1.59	1.58	2.03	1.90	1.29	1.94	1.03	0.78	2.68	0.61	1.50
11	0.51	0.82	0.77	0.51	0.52	0.50	0.65	1.13	1.70	1.59	2.74	3.41	4.88	5.85	6.89	5.95	5.50	6.03	2.13	1.78	1.26	2.08	1.77	1.27	6.89	0.50	2.51
12	1.26	1.29	1.34	0.90	0.95	0.94	0.61	1.30	3.89	3.74	3.94	4.78	3.92	4.77	4.53	2.45	3.30	2.43	4.10	2.32	1.97	2.14	3.15	4.79	4.79	0.61	2.70
13	3.09	2.32	3.39	1.46	1.88	1.61	1.36	2.58	3.03	3.61	3.49	3.74	4.03	4.64	4.23	4.78	5.16	4.67	5.18	4.56	2.61	0.84	1.76	1.53	5.18	0.84	3.15
14	0.91	0.94	0.78	1.62	0.53	0.68	1.11	1.99	1.84	1.34	2.14	2.50	2.57	4.12	1.37	1.51	1.28	1.15	2.79	2.38	2.13	1.76	1.36	1.62	4.12	0.53	1.68
15	1.72	1.34	0.94	1.45	1.02	1.18	1.54	1.26	1.59	1.70	1.67	2.60	2.82	3.19	1.98	2.66	2.26	2.71	2.80	2.35	0.72	0.80	1.24	1.02	3.19	0.72	1.77
16	0.91	0.67	0.67	1.02	1.10	0.88	0.57	1.31	1.22	1.14	1.40	1.75	1.31	1.86	1.79	2.61	2.68	1.72	2.59	3.66	2.55	1.38	1.69	1.57	3.66	0.57	1.59
17	1.27	1.35	1.00	1.09	0.78	0.30	0.82	1.42	3.00	2.79	2.29	2.34	2.14	2.47	2.76	2.80	2.22	2.18	1.29	0.97	0.62	1.16	1.66	1.51	3.00	0.30	1.68
18	1.63	1.52	1.12	0.61	0.79	0.83	0.95	1.53	2.55	1.83	1.78	1.65	0.88	2.82	3.82	3.44	2.95	3.59	2.69	3.78	1.38	1.69	1.66	1.32	3.82	0.61	1.95
19	1.46	1.03	1.03	0.82	0.78	0.46	0.95	1.38	1.23	0.88	1.29	1.49	2.21	2.92	2.22	3.50	2.45	2.61	3.24	3.30	1.40	1.24	1.45	0.83	3.50	0.46	1.67
20	1.05	0.61	0.94	1.17	1.08	0.29	0.73	0.45	0.25	0.92	1.33	2.25	2.08	1.65	2.46	1.84	2.33	2.20	1.66	1.52	2.77	2.35	1.59	1.33	2.77	0.25	1.45
21	1.73	1.63	1.06	0.97	0.82	0.81	2.52	4.52	3.84	4.00	4.28	3.00	2.45	2.53	3.00	2.13	2.24	3.26	2.96	2.48	2.53	2.82	2.47	2.19	4.52	0.81	2.51
22	1.74	1.36	0.98	1.26	1.33	1.45	1.80	3.34	3.08	3.36	3.63	3.10	2.68	2.99	2.69	2.84	2.48	0.75	2.45	2.35	1.70	2.32	1.75	0.98	3.63	0.75	2.18
23	1.08	0.99	1.58	0.73	0.96	0.67	0.36	0.85	0.72	1.25	0.70	0.52	0.90	0.54	2.37	1.73	1.76	3.14	1.94	0.99	0.78	1.12	0.43	1.25	3.14	0.36	1.14
24	0.95	1.07	0.97	0.74	0.54	0.83	0.74	0.39	0.16	0.25	1.83	1.83	2.13	2.39	1.31	1.78	1.50	0.76	0.91	0.76	1.65	1.01	2.60	1.02	2.60	0.16	1.17
25	2.11	1.09	0.56	1.12	0.69	0.83	0.49	0.59	1.99	1.61	1.72	1.29	1.06	0.80	1.31	1.38	1.04	1.49	1.52	0.70	0.40	0.37	0.72	1.27	2.11	0.37	1.09
26	1.24	1.04	1.28	0.71	1.17	1.22	0.99	1.54	1.18	1.10	1.04	0.89	0.88	1.13	3.23	1.22	1.24	1.25	1.28	0.82	0.47	0.26	0.33	0.57	3.23	0.26	1.09
27	0.18	1.61	1.87	2.16	2.18	2.50	1.92	2.03	1.80	1.26	2.43	3.92	3.29	2.67	2.61	1.98	2.48	3.43	3.36	3.24	3.13	2.51	0.76	0.78	3.92	0.18	2.25
28	0.68	0.86	0.39	0.83	0.55	0.27	0.63	0.59	1.04	2.59	1.30	0.94	1.34	2.30	1.46	3.41	2.07	2.93	1.62	0.94	1.16	1.47	1.07	1.23	3.41	0.27	1.32
29	1.09	0.75	0.64	0.69	1.21	0.42	0.78	1.23	2.67	2.55	2.35	2.23	2.86	3.09	4.13	3.65	3.24	1.95	1.63	3.54	1.09	0.87	1.78	1.47	4.13	0.42	1.91
30	1.37	1.16	1.34	0.82	0.95	1.26	1.95	2.37	3.67	3.56	2.88	2.05	2.80	2.16	3.23	2.72	1.48	2.17	1.34	0.86	0.99	1.21	1.06	1.48	3.67	0.82	1.87
31	1.48	1.44	1.19	1.10	0.92	0.72	1.27	1.82	1.12	1.81	3.17	2.57	3.68	2.70	3.79	2.57	2.45	1.79	2.19	2.52	0.95	0.75	0.50	1.15	3.79	0.50	1.82
Max	3.09	2.57	3.39	2.16	3.53	5.46	6.72	5.44	4.51	4.58	4.92	5.01	4.88	5.85	6.89	5.95	5.50	6.03	5.42	4.84	3.82	3.59	3.15	4.79	6.89		
Min	0.18	0.50	0.39	0.35	0.52	0.27	0.19	0.34	0.16	0.25	0.70	0.52	0.88	0.54	1.31	1.22	1.04	0.75	0.69	0.70	0.40	0.26	0.33	0.57		0.16	
Avg.	1.33	1.18	1.15	1.03	1.12	1.06	1.28	1.74	2.08	2.16	2.38	2.41	2.41	2.67	2.95	2.69	2.45	2.44	2.43	2.28	1.70	1.50	1.51	1.42			1.89
																									Max Daily Mean		3.79
																									Min Daily Mean		1.09

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.16	0.50	0.48	0.41	1.25	2.18	1.01	0.50	1.84	2.51	2.19	1.02	1.32	1.75	2.60	3.39	3.45	3.16	1.50	2.92	3.34	0.59	0.65	0.94	3.45	0.41	1.69
2	1.28	1.08	1.38	2.52	2.14	2.59	1.95	1.09	0.98	0.79	0.60	1.14	1.73	1.69	1.56	2.10	2.65	1.98	2.30	2.61	1.07	1.27	0.67	0.57	2.65	0.57	1.57
3	0.44	0.24	0.26	0.59	0.36	0.34	0.47	0.36	2.18	3.71	3.24	3.58	2.64	4.51	3.01	2.94	2.45	2.60	2.13	2.27	1.64	1.27	1.45	1.17	4.51	0.24	1.83
4	0.94	0.24	1.12	0.66	0.57	1.31	1.65	0.78	0.97	1.23	2.73	2.59	1.35	1.68	1.49	2.40	3.16	3.16	1.84	2.31	1.30	1.53	1.51	1.82	3.16	0.24	1.60
5	1.20	1.24	0.86	0.78	0.92	0.65	1.02	3.45	3.06	1.73	1.99	2.89	2.45	1.99	3.75	2.92	4.56	2.13	1.62	2.61	1.61	2.00	1.83	1.27	4.56	0.65	2.02
6	1.43	1.76	1.61	1.15	0.97	1.73	1.37	0.47	1.71	0.72	2.39	1.29	0.54	1.11	2.25	2.57	2.95	0.63	0.90	0.75	0.80	2.44	1.40	1.46	2.95	0.47	1.43
7	1.43	1.43	1.03	1.25	0.81	0.41	0.41	0.75	0.69	1.31	1.92	2.46	1.41	1.71	1.54	2.18	1.37	1.54	1.49	0.54	0.49	0.32	0.52	0.60	2.46	0.32	1.15
8	0.59	1.03	1.56	1.33	0.97	0.91	0.85	0.56	1.31	1.66	2.69	1.96	4.01	3.96	3.37	4.64	2.05	1.56	0.88	1.17	2.36	1.31	0.76	1.36	4.64	0.56	1.79
9	0.96	0.93	0.16	0.56	0.46	0.58	1.00	2.66	2.67	2.85	3.40	3.09	2.98	2.83	2.90	2.21	2.31	1.40	2.58	2.01	1.84	0.96	1.47	0.85	3.40	0.16	1.82
10	0.60	0.49	0.44	0.46	0.62	0.17	0.44	1.96	1.26	2.37	1.45	1.86	2.02	3.16	2.21	2.32	1.50	3.78	3.59	2.34	1.50	0.82	0.82	0.51	3.78	0.17	1.53
11	0.88	0.94	0.67	0.50	0.32	0.72	1.54	1.34	1.01	1.13	1.28	1.85	2.66	2.31	2.41	2.33	3.09	3.08	2.87	2.46	2.09	1.00	0.58	0.78	3.09	0.32	1.58
12	0.80	0.67	0.52	0.79	1.89	1.22	0.42	0.53	1.43	2.13	3.31	2.35	2.41	2.45	2.09	1.68	1.27	2.62	2.33	2.64	1.98	2.03	1.17	1.47	3.31	0.42	1.68
13	1.22	0.92	1.25	0.88	0.96	1.12	0.83	0.34	0.76	0.76	1.18	1.04	0.31	0.39	0.67	0.42	0.27	1.45	1.95	1.81	0.57	0.77	0.62	0.58	1.95	0.27	0.88
14	0.23	0.56	1.00	0.69	0.62	0.44	0.61	0.68	0.87	1.21	0.94	1.48	2.13	3.05	1.81	5.13	2.58	2.03	1.21	1.45	2.12	0.90	0.83	0.32	5.13	0.23	1.37
15	0.41	0.89	1.67	1.44	1.14	0.74	1.20	1.25	0.83	0.86	3.45	1.93	2.13	2.87	3.40	1.70	1.19	1.52	2.40	2.51	2.82	2.07	1.48	1.04	3.45	0.41	1.71
16	0.45	1.73	1.65	1.55	1.72	1.70	1.71	2.01	2.06	3.27	3.81	2.69	3.03	2.34	1.22	3.27	3.16	2.14	2.06	3.12	2.45	1.14	1.20	1.15	3.81	0.45	2.11
17	0.49	0.60	0.69	0.44	0.51	0.27	1.04	2.35	1.90	2.31	2.57	3.49	4.09	3.77	4.03	3.07	1.18	1.03	1.70	0.70	0.68	0.53	0.93	0.61	4.09	0.27	1.62
18	1.20	1.08	1.05	1.26	0.90	0.42	0.59	1.17	0.91	0.45	1.64	1.51	2.30	1.90	1.74	2.79	3.03	1.49	1.29	1.12	0.33	0.67	0.73	0.66	3.03	0.33	1.26
19	0.38	0.91	1.11	1.15	0.47	0.63	0.28	0.65	0.23	0.48	1.24	1.44	2.30	2.21	2.60	2.49	3.33	2.07	1.79	3.25	1.89	0.96	1.15	0.54	3.33	0.23	1.40
20	0.58	0.91	1.15	1.25	0.79	0.97	0.50	0.41	0.58	2.03	2.45	1.60	1.86	2.47	2.62	1.30	4.34	3.51	3.46	1.14	0.85	1.15	1.58	2.07	4.34	0.41	1.65
21	1.51	1.36	1.12	0.78	1.30	0.37	0.09	0.26	0.85	0.34	0.30	1.40	0.92	2.17	2.62	1.80	1.84	2.61	1.14	2.22	3.08	1.40	1.36	1.53	3.08	0.09	1.35
22	1.53	0.87	1.46	0.98	0.68	1.09	1.23	1.12	1.01	0.92	0.90	0.68	1.42	2.44	2.09	2.51	2.61	2.59	1.04	2.17	1.56	1.34	1.55	1.98	2.61	0.68	1.49
23	1.48	1.32	1.19	1.80	0.96	1.15	0.95	0.29	0.80	0.58	0.97	1.14	1.47	1.64	2.74	3.00	7.48	5.61	3.44	3.67	3.09	1.97	1.74	2.61	7.48	0.29	2.13
24	2.68	2.30	1.76	1.47	1.01	0.64	0.40	0.99	1.50	1.84	2.81	2.20	3.38	4.56	4.09	3.95	3.41	3.46	3.76	3.92	2.91	3.08	1.52	1.59	4.56	0.40	2.47
25	1.04	0.44	0.48	0.37	0.55	1.01	0.70	0.89	0.87	1.77	1.59	1.02	1.15	1.99	2.39	2.85	2.87	2.65	2.12	1.42	0.70	0.63	0.76	0.50	2.87	0.37	1.28
26	0.93	0.87	0.85	0.87	0.76	0.82	1.49	3.28	2.78	2.56	1.74	2.33	1.56	1.69	1.30	1.45	0.83	0.77	2.07	1.85	1.12	0.79	0.59	0.45	3.28	0.45	1.41
27	0.39	0.43	0.41	0.56	0.97	1.51	1.50	1.33	0.83	1.72	1.78	2.46	2.67	2.85	2.76	1.89	1.29	1.23	0.93	1.20	0.90	0.97	0.80	1.17	2.85	0.39	1.36
28	0.65	0.45	0.53	1.53	1.58	1.89	2.79	2.95	3.27	3.06	2.89	1.61	2.32	2.08	2.19	1.89	1.27	0.62	1.78	1.93	1.75	1.20	1.52	1.57	3.27	0.45	1.81
29	1.29	0.43	0.83	0.66	0.32	0.56	0.40	0.35	0.63	0.77	2.02	1.82	2.51	2.38	2.89	2.54	3.03	2.06	2.81	2.16	1.69	0.85	0.55	0.37	3.03	0.32	1.41
30	0.34	0.40	0.37	0.62	0.58	1.03	1.36	1.39	1.13	1.16	1.30	1.56	1.56	2.06	2.71	1.97	2.66	1.53	1.76	2.91	2.97	1.77	0.80	0.55	2.97	0.34	1.44
Max	2.68	2.30	1.76	2.52	2.14	2.59	2.79	3.45	3.27	3.71	3.81	3.58	4.09	4.56	4.09	5.13	7.48	5.61	3.76	3.92	3.34	3.08	1.83	2.61	7.48		
Min	0.23	0.24	0.16	0.37	0.32	0.17	0.09	0.26	0.23	0.34	0.30	0.68	0.31	0.39	0.67	0.42	0.27	0.62	0.88	0.54	0.33	0.32	0.52	0.32		0.09	
Avg.	0.95	0.90	0.96	0.98	0.90	0.97	0.99	1.21	1.36	1.61	2.03	1.92	2.09	2.40	2.44	2.52	2.57	2.20	2.02	2.11	1.72	1.26	1.08	1.07			1.59
																									Max Daily Mean		2.47
																									Min Daily Mean		0.88

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.75	0.83	0.56	0.48	1.00	0.89	1.20	0.99	1.86	2.58	2.85	3.15	2.80	1.45	2.19	3.01	3.07	2.56	3.78	3.44	0.66	0.57	0.83	0.79	3.78	0.48	1.76
2	0.60	0.61	0.51	0.24	0.63	0.79	0.62	1.28	1.53	1.02	0.89	0.48	2.04	1.86	2.56	2.51	3.02	3.24	1.21	1.70	0.74	0.56	0.88	1.02	3.24	0.24	1.27
3	0.51	0.67	0.92	0.36	0.24	0.32	0.33	0.44	0.40	1.53	2.29	3.06	3.11	1.92	2.16	1.20	0.88	0.46	0.89	0.29	0.87	0.94	1.08	1.04	3.11	0.24	1.08
4	0.67	0.78	0.62	0.68	0.79	0.26	0.57	0.45	2.19	2.71	1.72	1.03	1.06	0.37	1.80	0.98	1.11	1.28	1.28	1.01	0.51	1.02	1.18	1.03	2.71	0.26	1.05
5	1.50	1.62	0.89	1.06	0.78	0.83	1.21	1.02	1.76	1.87	2.55	2.74	1.97	4.37	2.73	0.64	0.72	2.18	3.05	1.51	1.03	1.56	2.06	1.74	4.37	0.64	1.72
6	1.15	1.35	1.26	0.97	1.08	0.43	0.36	1.22	1.38	0.82	1.28	2.27	1.22	2.37	1.70	3.13	3.85	3.06	1.93	1.49	1.34	0.73	0.53	0.35	3.85	0.35	1.47
7	0.66	0.82	1.67	0.93	1.09	0.78	2.01	2.24	2.03	2.89	2.99	2.37	3.19	2.37	2.25	2.69	1.97	4.05	3.14	4.06	2.19	1.58	0.91	0.92	4.06	0.66	2.08
8	1.25	0.83	0.48	0.65	0.35	0.65	0.60	1.20	1.91	3.50	1.71	2.90	2.63	3.93	3.87	2.18	4.78	3.27	3.79	2.77	1.90	0.85	1.60	1.12	4.78	0.35	2.03
9	1.24	0.90	1.23	1.18	1.07	0.80	1.06	1.32	1.07	0.91	1.27	1.36	1.69	1.87	2.92	2.32	2.24	2.47	2.22	2.42	2.59	2.47	2.13	1.46	2.92	0.80	1.68
10	1.84	1.45	0.78	1.15	0.63	0.91	1.34	3.22	2.36	1.54	0.67	0.57	1.44	0.90	1.00	1.10	1.13	1.36	0.98	0.66	1.00	0.95	1.19	1.34	3.22	0.57	1.23
11	1.32	0.75	1.15	1.58	2.34	2.29	1.26	1.39	0.49	0.57	1.43	0.91	1.38	2.26	2.37	2.83	2.19	2.18	2.00	1.45	1.13	1.26	0.56	1.32	2.83	0.49	1.52
12	1.62	1.24	1.35	1.04	0.90	1.12	0.93	1.38	0.93	0.83	1.78	2.55	2.36	3.26	2.76	3.56	3.37	3.44	2.01	1.85	1.59	1.37	0.67	1.07	3.56	0.67	1.79
13	1.68	1.18	0.77	0.71	0.68	0.76	0.27	0.63	0.39	0.99	1.31	2.00	1.44	3.07	4.40	3.75	2.87	3.08	2.16	1.94	1.05	0.94	0.20	0.44	4.40	0.20	1.53
14	0.20	0.58	1.09	1.20	1.16	0.36	0.64	0.51	0.92	1.19	1.17	3.01	3.14	2.28	2.65	3.08	2.75	2.18	1.86	1.54	1.34	0.81	1.19	0.89	3.14	0.20	1.49
15	0.85	0.58	0.84	0.57	0.99	0.84	0.50	0.68	0.77	1.69	1.49	1.58	2.75	3.77	4.71	3.11	2.23	2.92	3.54	1.84	0.87	0.45	0.87	0.77	4.71	0.45	1.63
16	1.20	0.60	0.98	1.72	1.80	2.07	1.22	1.77	2.21	1.97	1.39	1.38	1.76	1.19	1.76	1.85	0.94	0.62	0.82	0.82	1.02	1.10	0.76	0.45	2.21	0.45	1.31
17	0.49	0.74	0.78	0.56	0.96	0.26	0.54	1.10	1.70	1.63	1.21	1.89	1.06	1.64	2.52	2.36	2.91	2.79	2.80	2.19	1.47	0.56	0.70	1.68	2.91	0.26	1.44
18	0.98	0.31	0.29	0.23	0.21	0.13	0.29	0.37	0.26	0.66	2.20	2.65	2.31	1.80	1.58	1.71	0.84	0.61	0.74	0.32	1.06	0.82	0.58	0.30	2.65	0.13	0.89
19	0.95	0.71	0.36	0.36	0.44	0.43	0.68	0.39	0.28	0.25	0.43	0.53	0.47	0.53	0.40	0.38	0.48	0.50	0.59	1.10	1.13	1.16	0.83	0.78	1.16	0.25	0.59
20	0.68	0.88	1.50	1.20	2.08	1.19	0.88	0.47	0.55	1.19	1.67	1.75	1.49	0.87	1.12	1.55	1.60	1.63	0.96	0.51	0.48	0.52	0.33	0.43	2.08	0.33	1.06
21	0.87	1.00	0.44	0.89	0.71	1.15	1.18	1.39	0.55	0.31	0.85	3.94	1.75	2.56	1.88	1.55	2.48	1.23	0.64	0.30	0.59	0.47	0.81	0.55	3.94	0.30	1.17
22	0.72	0.90	0.95	1.23	0.69	0.69	1.10	1.36	0.52	2.83	2.87	2.53	1.55	1.00	1.04	0.68	1.42	1.40	1.11	1.74	1.23	0.68	1.04	0.86	2.87	0.52	1.26
23	0.55	0.60	1.02	1.24	0.61	0.66	1.07	1.30	1.29	2.10	2.17	1.54	3.09	1.55	1.94	3.10	1.93	2.22	1.65	0.86	0.77	1.00	1.80	1.29	3.10	0.55	1.47
24	1.19	1.09	0.55	0.66	0.43	0.86	0.40	0.88	1.39	1.47	1.84	2.00	3.17	2.13	2.37	1.44	0.88	0.94	2.13	1.15	0.98	0.27	1.10	0.32	3.17	0.27	1.24
25	0.22	0.49	0.41	0.29	0.43	0.36	0.09	0.15	0.17	0.14	0.43	0.68	0.63	0.95	0.79	0.98	1.19	1.27	2.10	1.63	1.92	1.92	1.70	1.45	2.10	0.09	0.85
26	1.62	1.56	1.41	0.85	0.71	1.08	1.93	1.71	1.25	1.12	0.78	0.86	1.21	0.91	1.56	2.01	1.86	1.68	2.11	1.78	1.37	1.43	1.17	1.28	2.11	0.71	1.39
27	1.21	1.44	1.06	1.34	1.72	0.65	0.41	0.36	0.86	1.83	2.50	2.25	2.62	2.67	2.89	2.39	2.18	2.39	2.11	1.47	0.60	0.88	1.35	0.87	2.89	0.36	1.59
28	0.66	0.51	0.57	0.26	0.43	0.34	0.59	0.86	0.68	0.41	1.14	1.19	1.48	2.45	2.66	1.60	3.47	2.38	1.95	1.96	1.74	1.27	1.36	0.99	3.47	0.26	1.29
29	1.31	1.42	1.44	0.86	0.85	0.63	0.75	0.71	0.44	0.52	0.91	1.80	2.74	3.25	2.15	1.34	2.84	3.25	3.25	4.10	3.56	3.52	1.76	1.47	4.10	0.44	1.87
30	1.64	1.32	0.57	0.91	1.07	1.11	0.74	0.71	0.71	1.16	1.88	2.54	2.91	2.58	3.12	3.28	4.48	4.54	2.78	1.77	1.43	1.01	1.31	1.55	4.54	0.57	1.88
31	1.55	1.43	1.06	0.38	0.67	0.94	0.83	0.47	0.51	0.96	1.80	2.01	1.77	1.08	1.28	1.43	2.51	3.61	3.30	3.05	3.09	2.19	1.93	1.62	3.61	0.38	1.64
Max	1.84	1.62	1.67	1.72	2.34	2.29	2.01	3.22	2.36	3.50	2.99	3.94	3.19	4.37	4.71	3.75	4.78	4.54	3.79	4.10	3.56	3.52	2.13	1.74	4.78		
Min	0.20	0.31	0.29	0.23	0.21	0.13	0.09	0.15	0.17	0.14	0.43	0.48	0.47	0.37	0.40	0.38	0.48	0.46	0.59	0.29	0.48	0.27	0.20	0.30		0.09	
Avg.	1.02	0.94	0.89	0.83	0.89	0.79	0.83	1.03	1.08	1.39	1.60	1.92	2.01	2.04	2.23	2.06	2.20	2.22	2.03	1.70	1.33	1.12	1.11	1.01			1.43
																									Max Daily Mean		2.08
																									Min Daily Mean		0.59

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.87	2.67	2.52	1.71	1.73	1.64	2.56	2.65	4.23	2.73	2.10	2.48	2.94	1.38	2.51	2.04	3.37	2.11	3.04	1.61	2.26	3.24	0.80	0.91	4.23	0.80	2.30
2	1.38	1.03	1.39	0.95	0.99	0.61	0.51	1.09	0.84	0.63	0.77	2.04	4.16	2.32	2.59	4.89	2.94	2.47	1.95	0.65	2.28	2.44	0.91	1.14	4.89	0.51	1.71
3	0.99	0.85	0.52	0.60	0.90	1.68	1.52	1.71	1.38	1.31	1.39	1.34	2.15	1.16	1.35	1.91	2.35	2.83	2.69	1.11	0.95	0.70	0.63	1.60	2.83	0.52	1.40
4	0.73	0.46	0.48	0.95	0.99	0.91	0.54	0.60	0.50	1.71	2.81	1.66	0.71	1.06	0.88	1.77	1.69	1.16	1.41	0.78	0.60	0.93	1.18	0.86	2.81	0.46	1.06
5	0.29	1.11	0.87	0.85	0.73	0.49	0.76	0.51	0.53	0.46	0.56	1.10	1.40	1.13	1.60	2.61	1.86	1.21	1.20	1.99	1.49	0.29	0.84	1.16	2.61	0.29	1.04
6	1.12	1.48	1.24	1.07	1.25	0.95	1.38	0.78	0.64	0.86	0.91	0.78	0.92	0.65	1.52	0.89	1.21	1.87	1.45	0.92	0.39	0.66	0.67	1.10	1.87	0.39	1.03
7	1.29	0.96	0.55	0.54	0.45	0.39	0.58	0.51	1.33	1.10	1.74	1.84	1.91	2.28	2.43	2.64	2.47	2.54	2.44	1.69	1.45	1.63	2.02	1.38	2.64	0.39	1.51
8	0.89	0.98	0.69	0.41	0.29	0.38	0.40	0.26	0.89	0.63	1.53	0.79	1.88	1.60	1.90	1.82	2.04	2.05	1.54	0.73	1.10	0.69	0.91	0.92	2.05	0.26	1.06
9	0.56	0.91	1.12	0.61	0.25	0.45	0.20	0.21	0.51	2.62	2.85	1.74	1.49	1.47	3.35	3.69	2.74	3.01	1.96	1.27	1.16	1.50	1.10	0.71	3.69	0.20	1.48
10	1.09	1.17	1.47	1.10	0.99	1.07	0.48	0.70	0.77	0.77	0.50	1.13	3.47	3.40	3.48	3.69	2.40	2.62	1.59	0.88	1.20	1.69	1.23	1.38	3.69	0.48	1.59
11	1.51	1.17	1.42	1.04	1.23	0.75	0.32	1.02	0.87	1.13	0.55	1.22	1.76	1.58	2.13	2.92	1.69	0.99	0.41	0.29	0.60	0.24	0.20	0.75	2.92	0.20	1.07
12	0.45	0.63	0.86	0.55	0.72	0.57	0.26	0.39	0.51	0.29	0.33	0.69	1.43	0.97	1.27	2.96	2.70	1.91	2.96	1.28	1.10	1.47	1.51	1.71	2.96	0.26	1.15
13	1.11	1.17	0.67	0.73	0.53	0.91	0.55	0.55	0.61	0.63	1.01	1.08	2.44	2.83	2.36	1.30	1.04	1.59	1.25	0.94	1.64	1.41	1.43	1.23	2.83	0.53	1.21
14	1.09	1.14	0.91	0.85	0.98	1.11	0.48	0.69	1.01	0.95	0.36	0.78	1.62	1.65	2.30	2.88	2.40	2.72	1.28	0.59	1.01	1.01	1.39	1.42	2.88	0.36	1.28
15	1.22	1.30	1.38	1.25	1.02	0.84	0.38	0.73	0.73	0.79	0.62	1.16	2.19	1.70	1.75	2.60	2.46	1.87	0.74	0.51	0.67	1.08	0.75	0.39	2.60	0.38	1.17
16	0.54	0.39	0.60	0.63	0.42	0.56	0.60	0.47	0.53	0.16	0.42	1.10	1.45	1.64	2.10	2.73	1.84	2.56	2.13	1.51	2.02	2.24	1.76	1.17	2.73	0.16	1.23
17	1.27	0.81	0.47	0.65	0.71	1.24	0.54	0.27	0.49	1.45	2.25	1.57	2.34	1.71	1.77	2.02	1.48	2.04	1.44	0.96	0.80	1.64	2.15	0.95	2.34	0.27	1.29
18	1.24	1.05	1.28	0.96	1.22	0.91	0.36	1.06	1.44	1.21	0.88	1.05	1.32	3.14	3.29	2.32	3.55	4.08	2.09	0.75	1.09	1.45	0.97	1.30	4.08	0.36	1.58
19	0.92	0.60	0.60	1.25	0.80	0.82	1.26	0.64	1.18	0.71	0.85	2.60	4.28	5.28	4.53	3.10	4.12	4.26	3.87	2.46	2.08	1.79	1.58	1.01	5.28	0.60	2.11
20	0.71	0.85	0.85	0.80	0.86	1.17	1.05	0.76	0.42	0.30	0.32	0.95	1.00	0.82	1.00	2.16	1.70	1.64	2.33	2.15	2.84	1.26	2.03	0.96	2.84	0.30	1.21
21	0.75	1.29	1.07	0.88	0.76	0.40	0.29	0.79	1.00	0.73	1.07	1.60	1.45	1.65	2.25	1.57	1.31	1.96	1.60	1.06	1.29	2.27	1.57	1.37	2.27	0.29	1.25
22	1.37	1.43	1.34	1.30	0.81	1.03	0.68	1.13	1.74	1.74	1.32	1.20	1.16	1.54	2.05	1.71	1.37	1.95	1.30	2.59	1.44	1.46	1.63	1.70	2.59	0.68	1.46
23	1.93	1.82	1.65	1.72	1.59	1.96	1.51	0.85	0.49	0.77	0.90	1.97	2.24	3.35	4.20	3.46	2.63	1.86	1.79	1.98	0.69	0.73	1.12	0.62	4.20	0.49	1.74
24	0.46	0.43	0.93	0.87	0.99	1.18	1.08	1.53	0.68	1.00	0.96	2.54	2.85	3.13	2.03	2.52	2.00	1.55	0.69	1.50	1.42	1.22	0.90	0.46	3.13	0.43	1.37
25	1.06	1.07	1.03	0.66	0.78	0.83	0.45	0.76	1.20	2.12	3.06	1.97	2.03	2.96	3.62	2.94	2.44	3.00	2.81	2.76	1.87	1.01	0.58	0.88	3.62	0.45	1.75
26	0.76	0.56	0.79	0.65	0.58	0.78	0.78	0.72	0.38	0.55	0.87	2.31	2.69	3.26	1.17	0.41	0.69	0.37	0.84	0.51	0.34	0.75	1.02	0.85	3.26	0.34	0.94
27	0.49	0.52	0.58	0.68	0.70	0.30	0.55	0.76	2.48	3.16	2.03	3.08	3.44	3.31	2.66	3.86	3.85	2.45	3.78	2.45	2.29	2.15	2.24	1.81	3.86	0.30	2.07
28	1.79	1.07	1.18	1.27	0.93	1.00	1.46	2.05	1.73	2.76	2.79	3.25	3.08	2.45	2.34	1.97	1.86	1.79	1.38	0.47	0.73	1.36	1.49	1.38	3.25	0.47	1.73
29	1.17	1.23	0.74	0.56	0.65	0.90	0.86	0.99	1.04	1.05	1.12	1.97	1.83	0.84	1.20	1.10	0.76	0.96	0.29	0.50	0.31	0.37	1.01	1.50	1.97	0.29	0.96
30	1.41	1.26	0.89	0.68	1.03	0.81	0.91	0.48	0.56	0.71	0.66	0.65	0.97	2.14	2.54	3.41	2.36	1.77	0.94	0.96	1.05	1.12	1.38	1.36	3.41	0.48	1.25
31	1.36	0.75	1.01	1.01	2.64	2.66	2.04	0.98	1.25	1.88	1.66	1.50	1.09	1.28	1.34	2.49	1.79	1.32	0.91	1.57	1.60	1.44	1.03	1.47	2.66	0.75	1.50
Max	1.93	2.67	2.52	1.72	2.64	2.66	2.56	2.65	4.23	3.16	3.06	3.25	4.28	5.28	4.53	4.89	4.12	4.26	3.87	2.76	2.84	3.24	2.24	1.81	5.28		
Min	0.29	0.39	0.47	0.41	0.25	0.30	0.20	0.21	0.38	0.16	0.32	0.65	0.71	0.65	0.88	0.41	0.69	0.37	0.29	0.29	0.31	0.24	0.20	0.39		0.16	
Avg.	1.06	1.04	1.00	0.90	0.92	0.95	0.82	0.86	1.03	1.19	1.26	1.59	2.05	2.05	2.24	2.46	2.16	2.08	1.75	1.27	1.28	1.33	1.23	1.14			1.40
																									Max Daily Mean		2.30
																									Min Daily Mean		0.94

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Speed - A (m/s)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.25	1.29	1.39	1.44	2.22	0.67	0.76	0.42	0.65	0.97	0.61	0.73	0.44	0.36	0.80	0.92	0.76	1.39	2.77	1.96	1.76	2.33	2.12	1.60	2.77	0.36	1.23
2	1.72	0.80	0.40	0.74	0.80	0.39	0.51	0.37	0.26	0.74	0.98	0.92	2.04	3.37	3.37	3.31	1.76	1.91	0.96	2.13	1.26	0.90	1.11	1.17	3.37	0.26	1.33
3	1.39	1.26	1.02	0.92	1.00	0.65	0.85	0.73	0.62	0.58	0.66	0.81	0.62	0.46	0.64	0.91	1.09	2.33	0.88	0.61	0.55	0.75	0.97	0.97	2.33	0.46	0.89
4	1.17	1.32	0.37	0.83	0.96	1.10	1.36	0.94	0.80	1.01	1.10	0.54	1.72	2.45	2.24	1.96	1.62	1.44	1.33	1.94	1.20	1.67	0.64	1.13	2.45	0.37	1.29
5	0.92	0.97	0.96	1.24	1.45	1.91	1.89	1.01	1.61	2.71	2.89	6.76	5.08	4.61	4.16	3.86	2.77	2.59	2.51	1.41	1.80	3.68	3.19	1.13	6.76	0.92	2.55
6	1.06	1.68	0.76	1.07	0.84	0.95	0.91	0.55	0.78	0.99	0.43	0.77	0.62	0.99	2.03	2.95	2.04	2.12	0.54	0.60	1.15	1.24	0.83	1.08	2.95	0.43	1.12
7	0.59	0.38	1.00	0.60	0.92	0.90	0.55	0.50	0.54	1.97	1.31	1.40	1.00	0.96	1.25	2.11	0.83	0.72	0.94	0.74	1.74	0.87	1.23	0.62	2.11	0.38	0.99
8	0.51	0.64	0.82	0.42	0.46	0.85	0.90	0.90	0.81	1.19	1.11	1.42	1.77	1.95	2.75	1.46	1.82	1.30	0.74	0.86	0.67	0.83	0.61	0.35	2.75	0.35	1.05
9	0.59	0.41	0.39	0.54	0.36	0.52	0.57	1.89	1.67	2.44	2.74	3.05	2.95	2.50	2.64	2.29	3.50	2.83	1.95	0.67	0.75	1.05	1.63	0.48	3.50	0.36	1.60
10	0.49	0.48	0.82	0.61	1.26	1.23	1.09	1.04	1.13	2.75	2.84	2.27	1.12	1.43	1.79	1.50	1.32	0.81	0.22	0.57	2.49	5.09	3.29	0.96	5.09	0.22	1.53
11	2.51	1.54	1.04	1.22	1.65	2.54	1.97	1.32	3.25	4.14	4.35	3.07	3.02	2.10	2.88	2.35	3.08	2.42	2.65	2.74	3.46	2.85	3.02	2.00	4.35	1.04	2.55
12	2.17	1.89	1.49	1.14	0.89	0.66	0.45	0.97	1.77	2.88	2.89	2.68	2.44	1.56	1.25	0.89	0.70	0.73	0.68	0.63	0.79	1.10	0.82	0.99	2.89	0.45	1.35
13	0.60	0.34	0.72	0.99	0.28	0.51	0.55	0.54	0.40	0.28	0.30	0.24	0.39	1.07	1.10	1.07	0.66	0.50	0.67	0.50	1.72	0.92	0.97	1.30	1.72	0.24	0.69
14	1.29	1.20	1.36	0.53	0.80	0.66	0.49	1.08	1.27	0.81	1.41	3.28	4.02	3.04	2.65	2.14	1.36	0.37	0.47	1.18	1.72	1.76	1.34	0.67	4.02	0.37	1.45
15	0.68	0.44	0.41	0.63	0.41	0.51	0.81	1.13	1.26	1.26	0.77	0.37	0.47	1.63	1.13	2.10	1.42	1.65	1.96	1.63	1.99	2.01	2.11	1.04	2.11	0.37	1.16
16	1.79	1.41	1.00	1.88	2.57	2.50	0.59	0.55	1.09	2.57	2.47	3.47	2.12	1.45	3.04	2.56	1.34	1.72	1.85	2.67	1.84	2.74	4.09	2.59	4.09	0.55	2.08
17	2.39	2.58	1.98	2.64	1.54	2.18	1.65	3.22	2.70	5.69	6.94	5.32	4.22	4.57	3.62	3.05	1.70	1.70	1.84	1.40	1.96	1.34	1.68	1.56	6.94	1.34	2.81
18	1.04	0.91	0.86	1.27	1.06	1.09	1.08	1.08	0.77	0.66	0.87	0.81	0.43	0.26	0.35	0.48	0.45	0.66	0.98	1.41	1.33	1.06	1.24	1.33	1.41	0.26	0.90
19	1.25	1.04	1.16	0.52	0.69	0.89	0.62	1.28	0.77	1.71	4.06	4.90	3.07	2.26	2.85	2.09	2.31	1.37	1.80	0.76	0.76	0.80	0.66	1.16	4.90	0.52	1.62
20	0.96	1.00	0.79	0.67	1.04	0.81	1.15	1.07	0.77	0.45	0.35	0.42	0.22	0.76	1.17	2.24	4.50	4.52	2.97	2.36	1.63	1.11	1.03	1.53	4.52	0.22	1.40
21	1.27	1.61	1.32	1.00	0.76	1.38	1.77	1.43	1.54	0.75	1.61	2.46	1.68	1.98	1.63	1.82	2.38	2.60	1.79	1.76	0.84	0.60	1.56	2.92	2.92	0.60	1.60
22	1.51	0.72	0.73	0.72	0.66	0.74	0.58	0.84	2.13	2.81	1.28	3.05	3.27	2.33	2.09	2.13	2.20	1.14	1.24	1.58	0.87	0.70	1.66	0.63	3.27	0.58	1.48
23	0.61	0.91	1.35	1.07	0.89	1.08	1.56	0.81	0.75	1.12	1.46	1.20	1.38	4.26	3.16	3.56	2.26	1.52	2.03	1.40	1.30	1.79	1.07	1.34	4.26	0.61	1.58
24	3.25	2.27	1.58	1.03	0.82	1.29	0.98	1.88	2.06	2.21	1.35	1.38	1.13	0.58	0.99	0.90	1.19	1.22	1.52	1.54	1.53	1.19	1.05	1.11	3.25	0.58	1.42
25	0.98	1.02	0.62	0.81	0.63	0.77	1.10	1.66	0.97	1.37	1.04	1.01	0.84	1.47	1.85	1.99	3.10	1.61	0.91	2.83	5.94	5.43	4.14	5.44	5.94	0.62	1.98
26	5.52	4.23	5.65	4.66	4.80	2.47	1.43	0.79	1.01	0.68	0.65	0.80	0.96	1.99	1.41	1.68	2.07	1.54	1.62	0.67	1.70	4.42	3.97	3.71	5.65	0.65	2.43
27	4.17	4.01	2.80	2.29	3.22	2.60	2.55	2.07	1.44	1.38	2.10	1.86	2.26	2.25	2.33	2.29	1.67	1.21	1.96	1.72	1.22	1.35	1.26	1.28	4.17	1.21	2.14
28	1.47	1.13	1.38	1.14	0.87	1.59	1.10	0.97	1.42	1.37	0.82	0.82	0.62	0.87	1.82	0.75	0.60	0.42	0.62	1.09	0.84	0.72	0.65	0.49	1.82	0.42	0.98
29	1.07	0.49	1.30	0.69	1.08	1.11	1.11	1.08	0.66	0.39	0.56	0.46	0.29	1.89	3.58	3.01	3.20	1.12	0.50	0.26	0.86	0.83	2.67	1.83	3.58	0.26	1.25
30	2.17	2.09	0.95	0.71	1.70	1.37	0.76	0.53	0.62	1.07	1.49	1.66	1.16	1.08	1.01	1.11	1.11	0.78	1.04	1.02	1.05	1.11	1.30	1.00	2.17	0.53	1.16
Max	5.52	4.23	5.65	4.66	4.80	2.60	2.55	3.22	3.25	5.69	6.94	6.76	5.08	4.61	4.16	3.86	4.50	4.52	2.97	2.83	5.94	5.43	4.14	5.44	6.94		
Min	0.49	0.34	0.37	0.42	0.28	0.39	0.45	0.37	0.26	0.28	0.30	0.24	0.22	0.26	0.35	0.48	0.45	0.37	0.22	0.26	0.55	0.60	0.61	0.35		0.22	
Avg.	1.55	1.34	1.21	1.13	1.22	1.20	1.06	1.09	1.18	1.63	1.71	1.93	1.71	1.88	2.05	1.98	1.83	1.54	1.40	1.35	1.56	1.74	1.73	1.45			1.52
																									Max Daily Mean		2.81
																									Min Daily Mean		0.69

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	166	79	10	40	44	43	76	63	79	126	87	124	44	12	284	225	61	72	61	56	50	39	57	60	284	10	82
2	55	55	63	80	86	74	41	47	43	49	71	57	30	40	66	104	86	82	79	65	61	51	48	72	104	30	63
3	74	51	132	49	3	51	54	70	80	208	55	53	92	OutCal	OutCal	OutCal	OutCal	46	51	47	56	55	51	41	208	3	66
4	313	70	259	54	57	80	135	28	67	103	69	191	252	259	206	218	188	80	50	50	55	51	58	68	313	28	123
5	68	47	341	83	82	80	69	105	106	103	78	171	122	35	104	190	216	200	57	48	51	40	47	61	341	35	104
6	57	60	52	63	63	56	75	50	96	127	91	64	24	51	127	211	184	65	61	54	55	57	63	53	211	24	77
7	55	48	38	37	40	44	38	48	52	70	132	94	105	182	229	259	226	65	56	49	49	54	48	48	259	37	86
8	55	47	56	48	67	35	48	200	52	91	110	116	85	69	149	9	55	76	69	64	35	23	63	59	200	9	70
9	60	41	68	41	24	27	32	58	27	34	72	66	55	19	16	44	20	38	51	54	45	42	44	50	72	16	43
10	34	38	55	47	51	74	76	86	96	84	80	77	74	57	27	13	31	24	36	27	46	50	114	79	114	13	57
11	78	90	63	17	36	77	54	88	108	88	82	85	41	13	49	338	297	249	173	61	153	223	75	215	338	13	115
12	64	48	131	202	207	197	208	222	202	168	193	197	216	209	219	207	204	222	59	68	59	59	58	104	222	48	155
13	80	47	38	40	74	109	78	69	60	60	94	130	36	70	100	106	80	53	76	76	48	48	49	80	130	36	71
14	80	82	76	82	81	76	73	61	56	38	52	52	58	55	48	33	306	31	42	57	62	58	71	67	306	31	71
15	67	53	75	62	66	52	57	62	58	45	50	46	54	43	59	32	34	48	52	59	58	26	47	41	75	26	52
16	47	51	66	71	54	40	38	45	61	81	155	104	109	201	211	225	215	89	51	49	36	37	39	47	225	36	88
17	267	57	47	68	213	60	178	225	202	133	148	215	249	256	218	166	246	228	219	205	50	51	46	69	267	46	159
18	83	66	72	84	83	76	73	57	62	94	182	151	248	256	241	247	242	237	233	232	221	255	267	266	267	57	168
19	269	255	252	258	207	66	55	54	58	61	163	197	89	29	73	38	66	64	49	60	39	59	70	61	269	29	108
20	55	64	68	75	138	122	130	251	95	143	126	105	41	22	34	29	35	35	22	19	62	66	70	97	251	19	79
21	78	116	70	98	58	124	129	92	120	140	105	74	46	18	12	5	0	9	15	71	66	77	81	78	140	0	70
22	84	67	87	99	95	89	93	192	193	97	117	115	130	136	128	243	56	55	48	52	50	53	49	39	243	39	98
23	34	45	57	70	88	84	186	88	87	88	85	67	68	67	69	76	279	86	211	48	201	173	147	192	279	34	108
24	92	83	327	70	83	112	96	92	97	102	107	77	56	58	71	93	78	54	57	44	49	63	69	28	327	28	86
25	66	56	69	63	63	31	39	63	32	51	208	28	334	2	59	54	51	47	34	36	34	75	51	123	334	2	70
26	62	51	53	46	60	205	217	75	264	213	232	210	216	240	238	251	219	218	285	258	259	167	248	160	285	46	185
27	34	86	69	90	115	180	204	107	104	84	99	102	121	141	171	118	71	50	87	98	101	99	104	87	204	34	105
28	91	113	115	87	92	92	68	57	99	100	113	92	66	48	35	53	73	87	75	233	122	49	58	45	233	35	86
29	59	68	60	62	63	71	82	82	56	69	76	66	43	27	36	29	357	220	62	48	45	178	312	41	357	27	92
30	42	48	46	216	196	194	182	249	294	265	260	256	241	47	64	11	46	66	69	61	175	321	85	83	321	11	146
31	83	46	120	73	81	30	55	49	55	49	55	130	120	111	85	37	38	42	47	59	45	41	30	40	130	30	63
Max	313	255	341	258	213	205	217	251	294	265	260	256	334	259	284	338	357	249	285	258	259	321	312	266	357		
Min	34	38	10	17	3	27	32	28	27	34	50	28	24	2	12	5	0	9	15	19	34	23	30	28		0	
Avg.	89	69	98	80	86	85	95	98	99	102	114	113	112	92	114	122	135	95	82	78	79	85	85	82			95
																									Max Daily Mean		185
																									Min Daily Mean		43

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	41	36	36	30	49	51	129	42	75	88	233	226	124	265	161	176	48	26	206	92	210	37	36	335	335	26	115
2	17	36	37	43	43	35	33	68	85	78	79	79	88	124	106	41	34	39	42	46	35	38	57	52	124	17	56
3	35	66	95	91	94	91	114	87	74	74	76	58	42	35	19	46	48	62	54	50	48	69	73	67	114	19	65
4	73	63	79	84	80	52	50	65	30	18	20	20	15	11	14	11	21	48	63	192	215	236	239	236	239	11	81
5	228	239	225	210	227	195	58	67	61	48	46	61	113	155	78	39	50	60	44	78	35	70	70	55	239	35	105
6	10	21	25	36	47	66	66	30	26	11	44	21	24	20	19	4	27	27	44	43	56	85	111	91	111	4	40
7	75	57	43	212	202	213	190	200	264	24	14	34	79	115	112	126	84	80	182	184	203	56	67	40	264	14	119
8	229	239	254	250	63	8	72	260	50	71	62	138	68	134	230	65	62	47	44	55	62	115	88	94	260	8	115
9	110	101	103	133	165	93	81	74	80	143	100	94	91	61	45	51	44	48	79	70	76	53	74	47	165	44	84
10	70	83	83	67	75	59	68	47	66	58	12	214	226	300	249	212	199	238	217	138	166	124	90	55	300	12	130
11	205	57	61	49	56	61	56	60	61	145	47	202	77	152	36	32	36	41	35	25	30	13	359	26	359	13	80
12	33	32	36	35	15	358	5	50	59	58	47	53	34	23	79	13	156	61	268	35	57	76	64	30	358	5	70
13	52	53	40	203	206	119	105	67	42	195	223	238	236	222	232	222	229	219	222	222	207	264	205	210	264	40	176
14	220	228	235	212	217	239	62	65	54	55	47	66	223	182	47	56	45	41	40	42	52	58	270	77	270	40	118
15	130	39	45	56	49	45	40	43	51	23	74	53	237	50	62	43	46	43	42	49	47	47	46	40	237	23	58
16	60	47	44	40	45	43	47	34	49	57	93	58	55	73	190	222	340	224	14	41	49	30	55	219	340	14	89
17	56	139	240	230	150	179	226	230	254	48	44	157	77	42	54	58	46	47	42	46	41	36	39	18	254	18	104
18	3	32	47	52	43	73	62	73	57	51	44	57	60	57	56	48	53	48	47	48	36	38	45	39	73	3	49
19	49	46	37	36	49	48	48	62	24	40	33	46	31	43	48	60	58	44	76	87	97	101	126	85	126	24	57
20	90	78	50	67	65	72	76	76	74	74	89	188	216	209	303	21	29	32	49	44	48	40	39	42	303	21	86
21	41	43	49	46	45	42	46	31	43	53	221	55	47	40	27	15	47	39	41	50	37	40	32	41	221	15	49
22	47	50	66	28	53	266	245	240	64	267	250	242	251	253	226	216	8	236	232	233	233	244	229	215	267	8	183
23	225	298	5	223	252	265	252	240	232	253	240	260	252	188	230	22	41	38	53	42	40	35	47	48	298	5	158
24	46	49	43	32	46	39	49	42	49	38	51	50	53	55	48	64	89	88	80	82	63	261	225	102	261	32	73
25	46	319	55	54	258	237	8	333	270	24	39	42	17	32	324	47	39	40	50	70	49	74	40	16	333	8	103
26	32	27	17	29	38	43	40	34	40	35	49	47	56	44	37	37	34	37	37	26	33	50	57	36	57	17	38
27	45	12	27	43	34	40	52	62	43	36	59	95	116	107	109	104	98	139	157	138	90	88	81	34	157	12	75
28	39	47	29	20	61	42	51	57	52	59	216	216	225	34	340	356	32	39	47	358	33	39	44	37	358	20	103
29	44	42	34	36	16	35	30	46	34	65	56	82	78	60	68	65	66	67	68	67	75	72	95	92	95	16	58
30	79	67	84	39	341	51	59	47	49	45	53	65	119	113	68	88	90	82	72	61	51	72	71	63	341	39	80
Max	229	319	254	250	341	358	252	333	270	267	250	260	252	300	340	356	340	238	268	358	233	264	359	335	359		
Min	3	12	5	20	15	8	5	30	24	11	12	20	15	11	14	4	8	26	14	25	30	13	32	16		3	
Avg.	81	88	74	89	103	105	81	94	80	74	89	107	111	107	120	85	73	76	88	90	82	85	102	85			91
																									Max Daily Mean		183
																									Min Daily Mean		38

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	67	64	88	66	79	264	40	235	213	236	247	247	231	301	190	248	227	50	59	51	81	327	44	41	327	40	154
2	64	54	72	56	71	93	285	76	67	56	162	7	55	21	64	211	234	246	239	235	229	236	227	247	285	7	138
3	258	291	58	59	51	26	52	77	75	78	79	81	72	69	75	66	61	68	115	141	147	79	71	40	291	26	91
4	267	80	239	228	215	122	38	52	215	218	260	49	229	341	255	212	246	133	142	121	248	251	242	250	341	38	194
5	11	246	197	173	177	228	228	236	226	222	217	246	244	242	240	220	206	208	203	236	224	229	234	225	246	11	213
6	209	211	206	211	203	237	233	235	237	223	220	215	240	249	292	53	74	59	64	68	73	62	73	69	292	53	167
7	40	49	63	87	84	66	99	91	99	73	65	65	56	59	33	47	29	57	59	34	17	25	83	71	99	17	60
8	35	31	29	33	31	34	53	64	78	58	55	76	83	41	58	77	72	66	64	78	64	75	47	56	83	29	56
9	36	92	88	52	70	95	222	95	1	67	63	74	86	72	84	227	83	47	45	211	61	209	53	44	227	1	91
10	174	44	52	53	52	246	60	38	58	54	56	77	97	95	126	88	76	70	73	64	57	48	57	53	246	38	78
11	78	71	54	57	46	51	40	46	50	75	90	75	50	17	21	23	20	56	87	59	68	51	70	72	90	17	55
12	64	105	131	60	77	62	86	217	249	135	197	188	202	234	185	202	170	197	229	270	201	196	184	48	270	48	162
13	64	41	59	149	186	213	35	59	54	245	46	19	84	80	74	99	101	99	88	81	66	82	72	130	245	19	93
14	64	44	33	51	47	340	50	58	90	43	89	68	89	103	46	50	51	66	77	290	72	73	50	58	340	33	83
15	56	58	142	120	84	148	122	72	76	82	70	83	74	48	4	31	22	21	37	53	45	119	76	60	148	4	71
16	66	58	52	52	52	44	44	40	45	31	64	88	97	79	78	82	88	79	47	79	86	42	40	49	97	31	62
17	48	53	53	69	63	86	33	64	64	68	93	84	71	84	119	40	79	60	50	55	88	74	60	65	119	33	68
18	50	39	49	37	55	257	25	33	44	43	43	36	103	131	84	79	88	89	52	51	67	64	49	54	257	25	67
19	44	87	40	75	49	83	120	71	58	58	68	48	67	195	66	43	63	56	64	64	33	52	74	60	195	33	68
20	33	73	84	57	45	44	44	38	99	105	37	37	35	62	36	48	49	84	53	60	53	311	273	302	311	33	86
21	300	14	243	279	266	235	44	60	332	46	31	231	184	55	51	142	213	54	54	53	50	42	60	45	332	14	128
22	36	49	83	73	73	74	80	95	83	90	75	88	105	72	68	43	59	52	58	63	63	18	239	248	248	18	83
23	254	250	250	252	253	253	258	241	224	224	219	233	194	224	218	218	221	209	83	46	16	46	46	46	258	16	186
24	45	48	38	209	45	61	18	77	42	51	20	53	55	39	49	47	43	32	41	45	44	51	42	24	209	18	51
25	27	17	38	37	47	282	3	236	209	220	207	261	67	244	228	233	125	44	60	95	68	219	234	235	282	3	143
26	348	52	54	45	55	86	173	112	158	76	63	79	45	55	49	76	71	77	230	236	47	38	51	36	348	36	96
27	18	26	18	6	10	5	231	255	259	255	308	222	220	224	224	223	224	241	232	252	212	32	231	221	308	5	173
28	218	211	338	57	72	54	13	202	209	242	238	229	234	241	246	250	251	265	262	246	244	231	250	230	338	13	210
29	253	243	230	250	247	250	224	229	197	274	60	51	54	41	48	225	71	24	72	53	41	32	30	44	274	24	135
30	43	24	208	107	67	80	86	51	65	31	19	38	22	37	51	38	43	42	56	87	71	147	50	62	208	19	64
31	62	47	50	50	48	34	41	40	33	47	45	47	73	57	312	208	15	50	40	41	38	35	44	28	312	15	62
Max	348	291	338	279	266	340	285	255	332	274	308	261	244	341	312	250	251	265	262	290	248	327	273	302	348		
Min	11	14	18	6	10	5	3	33	1	31	19	7	22	17	4	23	15	21	37	34	16	18	30	24		1	
Avg.	107	89	108	100	94	134	99	113	126	120	113	109	113	123	119	124	109	93	98	113	93	113	108	104			109
																									Max Daily Mean		213
																									Min Daily Mean		51

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	41	42	41	58	58	53	41	48	47	57	63	176	5	55	218	238	280	269	248	244	225	241	241	243	280	5	135
2	246	226	231	236	226	245	242	252	315	48	51	53	9	55	39	47	53	79	35	37	38	45	30	18	315	9	119
3	70	50	61	67	71	72	68	72	95	108	93	76	97	267	235	42	240	12	5	43	358	39	21	49	358	5	96
4	175	37	75	74	238	179	237	271	263	234	240	241	248	247	250	250	260	252	243	247	247	265	253	3	271	3	210
5	294	41	44	50	54	51	42	50	65	66	60	79	86	79	84	69	73	35	59	344	58	61	62	54	344	35	82
6	67	204	205	44	191	207	248	252	271	254	252	229	213	228	270	254	265	61	238	234	10	48	54	46	271	10	181
7	48	224	46	44	265	62	79	61	84	51	67	57	67	67	211	166	26	225	231	262	244	239	240	250	265	26	138
8	244	254	252	241	239	231	237	233	218	251	237	237	267	294	218	203	57	91	49	64	54	48	53	49	294	48	180
9	341	47	45	58	34	50	48	55	55	44	47	50	46	91	59	71	78	72	64	67	77	80	82	86	341	34	73
10	91	119	99	82	76	75	62	53	46	50	72	59	49	131	69	41	19	93	70	49	51	18	65	43	131	18	66
11	44	50	50	77	96	99	86	44	40	43	44	54	50	69	49	192	48	49	41	216	26	38	34	296	296	26	77
12	27	62	330	211	235	233	226	220	230	56	220	200	196	213	11	330	356	351	13	14	9	6	349	341	356	6	185
13	2	7	338	353	25	27	29	21	68	60	64	29	227	226	213	154	67	227	239	126	159	239	236	206	353	2	139
14	209	342	48	46	46	43	34	36	35	42	44	46	55	76	71	50	81	39	68	65	38	57	49	86	342	34	71
15	72	63	50	75	72	79	40	63	75	85	89	66	88	83	85	82	76	88	79	80	56	41	55	56	89	40	71
16	91	70	72	60	86	72	92	75	70	73	51	37	45	64	42	38	35	41	37	51	31	39	36	44	92	31	56
17	28	42	42	39	67	45	55	34	43	65	49	42	64	188	91	35	68	36	29	39	40	48	43	352	352	28	66
18	17	48	46	51	7	26	52	72	58	24	57	46	70	63	48	49	21	56	40	63	30	40	30	31	72	7	43
19	35	40	32	45	34	66	45	44	42	44	24	328	45	39	82	75	35	42	45	41	38	37	44	37	328	24	56
20	51	56	57	61	62	59	48	53	53	42	59	51	52	54	75	42	51	32	53	46	39	65	57	4	75	4	51
21	22	52	20	46	50	53	48	62	238	56	46	46	40	98	352	234	234	231	213	34	46	33	42	46	352	20	98
22	52	56	62	47	51	33	42	56	60	42	27	33	30	25	18	25	21	29	36	33	43	14	23	9	62	9	36
23	29	18	4	6	8	6	5	10	4	3	12	15	19	28	11	4	12	15	4	4	7	12	357	5	357	3	25
24	5	3	6	14	13	12	6	9	20	14	29	15	4	3	10	358	10	5	357	359	15	22	21	30	359	3	56
25	355	1	270	258	253	241	251	253	256	255	252	257	258	250	268	260	273	261	259	251	254	264	252	244	355	1	250
26	225	236	259	240	255	251	255	259	261	254	250	247	235	247	211	238	251	259	250	251	233	242	219	342	342	211	249
27	45	45	48	33	51	50	55	36	55	49	45	47	42	72	71	69	55	34	50	45	46	50	37	40	72	33	49
28	38	28	27	36	27	34	42	38	37	27	53	55	89	72	95	53	35	42	39	49	41	39	45	36	95	27	45
29	39	44	37	38	34	27	355	28	39	61	91	67	71	74	78	243	56	18	37	38	53	47	52	47	355	18	70
30	46	28	22	279	58	314	65	32	246	232	50	347	24	46	62	268	227	218	207	232	209	41	47	216	347	22	146
31	216	235	136	245	235	231	246	249	209	250	255	216	248	260	147	123	63	56	55	43	49	32	17	68	260	17	162
Max	355	342	338	353	265	314	355	271	315	255	255	347	267	294	352	358	356	351	357	359	358	265	357	352	359		
Min	2	1	4	6	7	6	5	9	4	3	12	15	4	3	10	4	10	5	4	4	7	6	17	3		1	
Avg.	105	89	99	104	104	104	109	98	116	95	96	113	98	121	121	139	110	107	109	118	91	80	101	109			106
																									Max Daily Mean		250
																									Min Daily Mean		25

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	71	74	76	65	89	63	58	61	18	169	98	84	76	83	56	2	41	42	43	48	44	27	17	55	169	2	61
2	47	51	49	53	81	57	53	136	50	47	49	79	73	28	330	2	86	337	257	247	251	247	262	49	337	2	122
3	61	53	47	250	266	241	247	235	224	210	204	201	195	356	351	346	323	199	222	223	47	78	47	105	356	47	197
4	40	49	52	52	47	48	62	56	87	82	77	79	71	82	73	81	78	79	69	63	63	52	49	54	87	40	64
5	57	48	53	34	36	11	17	54	67	54	53	60	59	51	52	59	77	49	51	62	83	77	72	54	83	11	54
6	66	52	65	78	66	34	44	61	80	83	77	52	21	11	72	68	66	68	65	28	48	73	55	60	83	11	58
7	82	74	62	58	238	84	83	66	55	45	50	48	39	33	49	10	23	44	35	27	13	340	246	12	340	10	76
8	19	35	35	32	26	11	26	40	61	19	3	359	36	40	44	52	19	49	67	55	59	55	58	42	359	3	52
9	35	44	61	50	76	108	219	252	271	184	42	53	131	76	43	80	41	56	44	42	17	47	59	49	271	17	87
10	47	44	39	29	29	49	53	42	103	46	56	88	56	50	33	42	51	61	57	54	40	50	49	53	103	29	51
11	50	57	48	43	57	56	65	57	55	56	63	54	29	31	40	30	61	62	51	74	66	52	49	29	74	29	51
12	35	33	67	49	34	35	68	38	87	78	86	55	52	65	35	230	205	61	88	63	49	62	56	50	230	33	70
13	44	39	48	49	45	56	59	72	65	69	81	61	64	69	57	58	58	56	61	58	54	61	48	60	81	39	58
14	63	57	60	125	61	64	84	61	37	226	113	304	350	324	288	263	109	71	61	56	42	51	57	62	350	37	125
15	52	115	89	95	80	76	79	63	62	50	55	39	56	55	57	54	40	47	77	80	65	71	65	59	115	39	66
16	31	44	60	51	46	53	54	50	50	37	49	53	167	78	139	62	80	60	46	65	65	53	55	39	167	31	62
17	40	40	32	44	58	46	39	49	79	50	90	169	100	79	113	83	45	41	50	51	46	42	50	42	169	32	62
18	61	77	74	70	50	47	65	67	68	64	135	137	105	113	101	58	47	57	63	69	63	62	44	49	137	44	73
19	41	45	95	36	68	302	13	96	93	237	49	135	107	78	63	52	52	54	51	46	39	30	24	22	302	13	76
20	33	34	43	51	53	65	39	16	17	12	34	35	36	21	13	19	34	53	64	53	56	32	13	52	65	12	36
21	60	55	63	63	64	52	64	34	53	52	48	60	123	268	230	233	212	47	57	46	46	58	60	73	268	34	88
22	312	64	49	56	56	61	45	55	52	59	56	17	18	66	47	55	51	52	66	43	42	49	55	48	312	17	62
23	53	117	236	44	11	51	169	44	121	241	28	126	42	329	251	224	144	38	317	40	58	32	66	70	329	11	119
24	131	100	91	80	72	71	202	318	232	39	88	254	254	255	252	256	222	214	260	240	248	255	258	241	318	39	193
25	182	246	253	68	59	139	189	158	229	229	252	262	254	234	230	42	44	39	51	66	96	54	74	51	262	39	146
26	88	88	93	52	24	35	36	54	56	101	112	22	42	47	31	53	41	49	65	52	94	62	36	48	112	22	58
27	63	61	55	45	36	32	21	32	49	75	32	39	132	244	96	11	203	233	259	273	259	239	237	246	273	11	124
28	261	266	268	275	272	281	155	68	63	62	35	44	46	56	52	51	46	45	28	24	7	18	38	61	281	7	105
29	64	56	45	74	89	106	57	41	42	346	192	131	51	350	346	348	6	60	38	50	130	156	108	68	350	6	123
Max	312	266	268	275	272	302	247	318	271	346	252	359	350	356	351	348	323	337	317	273	259	340	262	246	359		
Min	19	33	32	29	11	11	13	16	17	12	3	17	18	11	13	2	6	38	28	24	7	18	13	12		2	
Avg.	75	73	79	71	75	80	81	82	87	104	80	107	96	123	122	101	86	80	92	79	75	86	79	66			87

Max Daily Mean	197
Min Daily Mean	36

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	86	83	57	42	48	47	64	68	129	37	16	22	26	27	22	24	18	33	26	23	5	18	70	69	129	5	44
2	68	56	58	46	70	57	65	89	85	70	77	69	30	346	349	360	28	330	68	68	254	269	244	235	360	28	141
3	235	221	238	241	239	236	253	251	261	252	251	241	233	299	356	11	274	286	55	40	198	200	91	59	356	11	209
4	56	279	290	240	247	242	247	234	260	202	199	190	234	204	241	219	233	273	320	60	56	52	48	49	320	48	195
5	50	41	40	45	48	83	80	68	53	67	83	101	98	58	53	43	33	42	46	68	70	47	33	53	101	33	58
6	46	40	59	63	59	68	73	112	62	13	55	208	204	244	222	224	208	214	226	228	241	227	227	222	244	13	148
7	211	191	194	195	197	195	186	187	190	215	204	219	240	237	235	250	255	25	61	99	210	160	66	52	255	25	178
8	321	39	26	14	14	1	16	337	40	59	70	79	82	80	80	81	76	77	74	81	77	79	79	78	337	1	82
9	72	76	80	45	26	6	13	14	24	28	23	39	33	53	47	347	357	73	178	175	187	196	201	202	357	6	104
10	194	175	200	215	201	206	203	191	182	199	214	221	232	223	219	239	233	197	174	187	191	202	182	202	239	174	203
11	196	186	160	344	73	350	122	101	258	239	24	5	237	239	230	224	219	204	200	206	199	203	213	199	350	5	193
12	202	174	29	65	51	247	218	250	248	255	259	225	13	356	344	10	35	49	21	27	20	358	353	4	358	4	159
13	16	25	20	279	232	217	225	257	25	228	39	46	53	64	59	55	59	50	43	39	40	45	43	40	279	16	92
14	8	5	30	67	47	62	62	70	68	42	37	11	5	21	40	27	30	67	82	55	38	36	23	16	82	5	39
15	20	58	53	25	64	127	92	83	55	67	59	29	34	44	65	60	62	52	36	32	34	9	37	54	127	9	52
16	82	80	75	80	61	62	59	102	81	64	55	21	360	347	341	335	342	355	10	22	27	21	26	58	360	10	128
17	80	50	65	56	70	52	45	41	65	104	206	113	241	231	227	254	258	268	275	227	56	48	48	54	275	41	130
18	47	41	51	63	85	125	69	239	258	257	252	217	241	256	258	254	225	265	252	56	54	47	50	55	265	41	155
19	46	54	60	57	48	47	45	51	60	83	182	210	215	257	258	260	259	268	267	267	263	263	254	254	268	45	168
20	253	252	261	265	257	256	261	257	258	223	209	234	209	189	238	317	334	326	335	357	27	33	33	32	357	27	226
21	22	14	13	27	48	43	47	40	63	93	91	47	32	39	39	59	55	32	29	53	29	63	55	64	93	13	46
22	67	50	76	79	45	57	76	70	87	96	202	184	115	256	352	353	344	359	56	52	52	49	49	65	359	45	133
23	51	65	155	86	126	110	97	103	120	103	90	31	8	28	29	38	40	66	45	66	65	48	45	84	155	8	71
24	101	83	84	63	65	83	76	70	80	82	31	353	346	351	344	8	11	350	320	32	71	87	77	58	353	8	134
25	50	213	222	232	232	227	87	83	84	57	76	18	5	42	22	22	298	271	61	76	56	54	48	51	298	5	108
26	53	45	45	47	46	55	50	40	101	99	71	28	26	39	42	27	332	5	62	50	59	49	53	58	332	5	62
27	58	83	75	76	88	96	83	148	202	94	71	28	47	46	41	66	58	56	46	25	11	19	50	46	202	11	67
28	61	58	49	48	50	45	55	63	71	53	50	54	66	44	53	63	61	63	57	51	51	16	59	55	71	16	54
29	64	49	49	59	67	101	103	144	146	93	63	30	58	60	59	57	56	66	45	44	62	45	27	22	146	22	65
30	12	52	71	79	84	92	70	37	73	81	87	49	42	37	42	34	93	233	72	89	69	74	59	206	233	12	76
31	206	238	61	226	77	74	87	50	31	12	257	258	262	227	242	227	177	328	18	30	33	42	22	33	328	12	134
Max	321	279	290	344	257	350	261	337	261	257	259	353	360	356	356	360	357	359	335	357	263	358	353	254	360		
Min	8	5	13	14	14	1	13	14	24	12	16	5	5	21	22	8	11	5	10	22	5	9	22	4		1	
Avg.	98	99	95	112	99	118	104	124	120	115	116	115	130	159	166	147	163	170	115	93	90	99	92	88			118
																									Max Daily Mean		226
																									Min Daily Mean		39

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	65	45	72	232	253	317	31	23	56	231	256	234	217	227	218	224	220	260	277	311	48	36	39	59	317	23	165
2	27	26	27	32	29	19	17	19	21	46	53	50	44	21	15	9	322	296	317	343	46	42	15	19	343	9	77
3	24	46	54	80	63	40	52	59	240	258	246	198	42	230	289	260	288	354	16	64	66	58	49	51	354	16	130
4	45	46	45	52	39	45	48	74	102	102	98	23	0	2	358	15	354	1	45	57	51	38	39	35	358	0	71
5	51	86	63	56	82	92	40	82	104	63	21	10	35	219	257	29	221	271	56	54	50	54	54	51	271	10	88
6	60	45	47	45	51	53	54	78	223	63	224	241	262	269	265	266	262	270	325	66	60	54	36	39	325	36	140
7	42	57	48	45	44	42	54	54	114	143	201	209	219	275	275	288	345	301	306	103	229	104	44	49	345	42	150
8	82	239	229	263	260	261	266	260	254	263	239	274	338	23	36	64	55	33	40	64	35	30	26	22	338	22	152
9	36	21	45	74	65	46	91	95	113	60	14	12	33	1	346	346	344	339	10	64	49	45	47	41	346	1	97
10	48	158	129	99	129	124	135	130	118	78	34	61	64	64	63	49	44	46	229	59	56	47	41	64	229	34	86
11	75	34	65	82	73	77	91	103	155	152	25	43	33	39	50	39	45	47	61	64	25	74	85	80	155	25	67
12	81	72	72	85	61	72	52	125	100	84	52	9	337	8	44	29	51	68	68	62	52	37	17	14	337	8	69
13	38	73	82	90	99	62	75	91	40	33	37	59	59	48	49	65	64	67	60	38	37	37	45	39	99	33	58
14	40	35	41	42	39	45	42	48	46	45	59	54	47	39	45	53	52	47	46	47	29	23	11	35	59	11	42
15	38	59	61	58	66	69	66	46	51	49	46	38	18	358	47	44	31	42	345	21	47	61	85	66	358	18	76
16	74	77	71	72	50	52	44	35	16	35	47	58	53	50	42	43	43	49	37	9	53	52	74	66	77	9	50
17	49	50	72	94	75	102	103	94	78	50	54	49	31	218	242	226	53	183	41	32	59	53	58	62	242	31	89
18	58	57	54	54	72	66	77	54	68	67	54	11	249	23	40	27	44	41	217	227	78	45	49	50	249	11	74
19	56	45	60	55	48	49	135	132	116	87	42	58	20	207	315	32	41	45	41	45	41	44	49	42	315	20	75
20	53	58	68	58	83	39	44	137	183	179	209	115	80	94	213	228	341	348	244	87	32	65	59	49	348	32	128
21	71	222	48	42	19	45	63	219	247	189	164	167	246	60	320	311	223	202	93	214	79	79	88	60	320	19	145
22	51	53	45	33	46	67	235	100	105	102	26	96	87	223	106	190	216	188	192	113	169	6	50	48	235	6	106
23	46	52	49	43	31	43	77	51	230	247	256	253	14	46	41	347	359	22	32	54	47	50	51	58	359	14	104
24	59	55	44	69	70	74	178	125	107	102	24	16	28	284	34	47	36	50	58	80	40	44	59	50	284	16	72
25	51	45	45	47	40	49	160	95	110	69	41	359	264	16	356	355	354	48	76	84	47	50	59	50	359	16	120
26	59	51	49	65	58	50	101	103	237	88	69	85	64	96	72	38	31	11	30	44	64	44	26	36	237	11	65
27	66	57	60	59	88	33	150	100	29	15	17	54	23	234	319	349	69	254	185	212	216	226	33	54	349	15	121
28	58	52	80	39	61	52	30	58	85	238	225	255	187	141	71	74	31	15	45	63	51	59	57	51	255	15	87
29	53	52	50	52	43	68	53	229	257	200	182	13	36	33	61	59	6	23	54	56	11	39	244	81	257	6	81
30	67	63	53	51	50	41	101	198	240	236	219	293	239	243	Audit	Audit	Audit	Audit	303	275	206	207	58	53	303	41	160
Max	82	239	229	263	260	317	266	260	257	263	256	359	338	358	358	355	359	354	345	343	229	226	244	81	359		
Min	24	21	27	32	19	19	17	19	16	15	14	9	0	1	15	9	6	1	10	9	11	6	11	14		0	
Avg.	54	68	64	72	73	73	89	100	128	119	108	113	112	126	158	142	157	135	128	100	69	60	55	49			98
																									Max Daily Mean		165
																									Min Daily Mean		42

Total Hours in month: **720** **Hours Data Available:** **716** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	68	61	50	97	123	55	15	346	273	296	283	304	257	273	271	292	348	309	276	294	270	286	282	276	348	15	225
2	248	194	272	85	309	10	309	341	336	280	249	326	232	317	260	9	360	228	314	343	48	61	41	40	360	9	217
3	33	59	42	48	43	50	64	36	37	48	31	33	239	254	247	259	283	279	281	16	115	47	40	54	283	16	110
4	44	54	52	45	46	57	65	108	151	169	233	47	71	193	239	43	289	314	222	55	26	70	48	40	314	26	112
5	54	55	58	46	45	48	242	262	252	52	55	45	71	355	48	54	50	35	35	45	39	23	73	64	355	23	88
6	71	67	51	29	29	40	62	65	61	50	45	34	0	42	46	39	42	43	44	34	45	34	42	67	71	0	45
7	65	50	54	75	66	95	113	99	40	79	82	10	299	357	67	45	68	59	57	57	36	56	50	63	357	10	85
8	73	75	52	51	47	58	75	35	35	41	354	347	324	343	336	351	327	333	340	306	356	201	72	84	356	35	192
9	92	46	49	53	38	66	79	104	182	238	320	76	228	276	297	277	262	218	296	277	230	322	59	64	322	38	173
10	49	49	44	38	63	44	139	55	330	219	191	228	193	201	200	215	239	47	137	225	304	77	129	196	330	38	150
11	206	45	44	22	41	238	234	319	315	40	216	213	231	228	235	237	235	240	183	219	210	196	47	57	319	22	177
12	44	54	70	74	51	72	109	159	60	46	49	37	32	29	40	353	13	321	225	67	31	53	212	238	353	13	102
13	209	214	202	256	43	56	50	148	195	252	235	249	232	246	207	233	232	232	239	231	239	39	63	46	256	39	181
14	42	46	41	58	64	139	103	97	53	120	108	223	67	34	358	346	359	232	267	287	277	280	273	69	359	34	164
15	62	125	206	220	193	281	319	278	213	312	205	277	248	244	290	258	274	264	262	280	279	38	73	44	319	38	219
16	53	30	37	40	45	64	115	111	123	124	289	224	249	5	233	86	318	348	22	39	32	82	42	44	348	5	115
17	52	61	50	55	52	165	122	99	39	29	6	18	6	24	253	198	132	304	205	272	31	53	47	47	304	6	97
18	53	57	69	53	41	116	124	60	23	48	83	243	240	294	225	224	325	23	133	230	320	51	49	54	325	23	131
19	57	52	48	48	77	120	123	111	118	113	78	62	213	50	251	173	64	20	112	46	52	69	63	48	251	20	90
20	51	39	54	48	47	58	108	122	196	229	350	256	42	348	53	1	16	321	109	70	53	50	47	71	350	1	114
21	54	63	65	83	102	100	58	53	48	43	39	34	241	297	329	324	34	17	353	339	20	42	42	50	353	17	118
22	61	68	79	67	90	77	86	54	42	35	43	34	248	210	225	218	82	169	26	40	243	203	117	25	248	25	106
23	210	51	66	65	53	77	48	46	86	59	72	62	158	355	47	322	359	47	351	281	258	219	53	53	359	46	141
24	51	46	43	47	161	46	70	256	345	290	263	232	330	349	310	358	236	303	348	223	2	65	360	310	360	2	210
25	23	90	59	75	84	82	297	165	268	272	177	345	349	87	21	42	7	8	3	353	149	57	55	58	353	3	130
26	44	49	50	48	41	87	103	109	100	98	112	331	344	21	47	113	261	356	250	25	99	152	69	71	356	21	124
27	258	256	263	258	264	254	251	244	257	212	238	232	224	228	222	174	189	204	185	194	188	185	74	60	264	60	213
28	53	45	65	54	63	40	29	71	44	6	20	81	23	227	265	192	197	5	52	66	59	72	68	55	265	5	77
29	61	53	43	47	64	127	49	145	126	237	235	75	202	22	254	239	260	245	328	234	240	53	54	44	328	22	143
30	52	59	55	52	76	71	71	58	43	40	43	5	265	258	245	248	64	26	8	246	4	46	46	47	265	4	89
31	47	48	46	46	42	72	96	97	126	206	237	174	23	205	70	266	161	218	209	247	359	86	91	222	359	23	141
Max	258	256	272	258	309	281	319	346	345	312	354	347	349	357	358	358	360	356	353	353	359	322	360	310	360		
Min	23	30	37	22	29	10	15	35	23	6	6	5	0	5	21	1	7	5	3	16	2	23	40	25		0	
Avg.	82	73	77	74	81	92	120	137	146	138	159	157	190	206	200	200	196	186	189	182	149	105	90	86			138
																									Max Daily Mean		225
																									Min Daily Mean		45

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	74	80	103	57	80	132	44	317	254	254	252	259	249	259	225	231	215	206	236	44	39	76	65	65	317	39	159
2	42	49	43	20	12	25	24	115	93	133	159	208	227	242	253	292	243	253	247	242	135	203	64	30	292	12	140
3	226	287	31	59	50	92	9	192	257	254	229	191	192	181	208	249	236	208	20	195	240	59	71	69	287	9	158
4	62	231	70	82	110	22	8	332	157	215	255	228	193	69	80	31	27	15	108	58	60	49	57	51	332	8	107
5	51	38	46	21	53	237	318	60	48	255	145	166	7	31	39	45	48	247	237	62	63	69	66	68	318	7	101
6	66	70	76	81	73	73	54	75	271	135	238	184	90	336	8	230	235	68	36	74	19	21	59	51	336	8	109
7	55	43	54	53	44	56	35	86	29	19	358	352	345	32	58	40	61	235	261	241	210	196	58	67	358	19	124
8	50	53	57	60	54	70	245	93	80	47	18	23	41	39	40	236	44	9	50	23	32	41	64	72	245	9	64
9	42	51	5	222	211	206	231	257	231	204	192	200	240	229	288	308	299	252	275	331	300	351	68	40	351	5	210
10	227	192	167	43	47	273	254	263	233	220	217	191	203	191	202	336	130	211	244	258	247	243	236	83	336	43	205
11	66	304	223	206	257	251	260	256	238	196	164	165	330	355	357	338	337	21	20	25	350	41	47	43	357	20	202
12	57	23	194	56	351	81	70	70	25	239	229	209	196	189	85	89	28	44	57	18	39	34	79	15	351	15	103
13	30	96	92	83	69	74	89	10	286	286	279	283	162	83	36	55	109	262	253	244	240	82	117	191	286	10	146
14	85	52	65	48	40	101	93	314	169	121	162	175	173	150	222	205	220	256	267	200	43	103	240	192	314	40	154
15	203	58	49	50	51	57	130	152	161	141	161	224	222	221	176	16	11	18	55	281	247	243	7	289	289	7	134
16	222	57	44	55	73	76	79	63	41	36	47	41	111	239	229	231	226	201	178	190	190	235	234	103	239	36	133
17	203	170	58	55	50	31	250	244	252	255	220	206	191	194	191	19	66	243	277	146	297	11	48	46	297	11	155
18	51	47	55	43	54	57	38	70	79	178	233	215	250	224	69	60	43	280	262	264	180	337	48	61	337	38	133
19	67	57	49	50	44	55	33	108	241	262	258	203	136	264	300	305	223	187	236	233	190	22	57	29	305	22	150
20	52	46	48	46	59	48	136	49	206	228	191	205	201	51	30	242	216	223	211	292	26	70	338	39	338	26	136
21	59	63	50	44	56	45	275	171	49	334	323	265	137	253	241	216	230	227	258	48	33	50	54	48	334	33	147
22	43	34	49	46	69	99	112	123	163	146	169	97	106	253	254	239	215	320	272	57	329	45	62	46	329	34	139
23	57	43	48	36	54	204	112	202	109	169	250	220	271	237	245	307	49	12	350	13	7	50	50	52	350	7	131
24	38	41	48	50	51	56	214	206	133	150	198	242	216	238	225	234	238	227	232	229	229	211	212	63	242	38	166
25	74	191	90	135	78	217	205	247	101	18	12	210	254	242	255	240	246	277	266	324	73	59	60	128	324	12	167
26	55	36	44	57	54	62	254	240	251	263	217	189	206	187	198	245	250	335	200	260	239	190	206	186	335	36	184
27	138	90	180	221	220	258	245	261	233	261	311	320	330	297	284	279	297	167	136	99	111	101	222	225	330	90	220
28	227	221	232	252	253	254	265	271	272	270	241	237	250	260	278	266	274	242	262	272	257	247	268	256	278	221	255
29	248	88	56	40	44	65	265	111	37	140	198	285	250	243	256	294	276	323	19	55	59	63	50	87	323	19	148
30	69	70	116	214	225	236	243	233	245	256	190	202	246	205	243	268	325	131	245	268	335	93	69	131	335	69	202
Max	248	304	232	252	351	273	318	332	286	334	358	352	345	355	357	338	337	335	350	331	350	351	338	289	358		
Min	30	23	5	20	12	22	8	10	25	18	12	23	7	31	8	16	11	9	19	13	7	11	7	15		5	
Avg.	98	96	81	83	96	117	153	173	165	190	204	206	201	200	186	205	180	190	192	168	161	120	109	94			153
																									Max Daily Mean		255
																									Min Daily Mean		64

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	48	65	273	309	302	34	260	225	264	270	219	202	137	77	262	257	243	219	30	54	189	285	49	56	309	30	180
2	52	58	220	317	45	21	240	248	264	301	11	222	236	316	237	224	242	341	26	19	295	299	56	58	341	11	181
3	37	33	47	14	314	105	92	261	239	266	239	233	230	242	214	111	357	314	271	279	29	58	78	80	357	14	173
4	238	345	81	75	241	80	190	267	249	272	251	261	162	252	209	211	333	88	63	341	31	71	59	54	345	31	184
5	49	45	56	57	85	121	132	113	103	68	22	21	71	191	260	97	221	275	25	37	12	62	48	52	275	12	93
6	53	46	47	40	52	61	201	89	119	226	314	41	357	43	294	213	214	51	330	128	225	237	95	72	357	40	148
7	31	151	39	40	44	65	84	78	62	41	14	22	48	26	21	264	291	51	44	140	230	218	167	263	291	14	101
8	203	55	98	219	37	290	243	262	230	232	215	245	259	245	244	207	242	238	232	245	246	308	56	58	308	37	205
9	59	37	48	43	54	65	105	106	107	193	224	181	27	199	239	185	355	340	10	346	24	28	25	48	355	10	127
10	60	54	53	45	224	215	217	346	350	342	95	139	256	231	177	187	210	166	191	201	247	275	274	245	350	45	200
11	237	329	226	243	270	269	268	267	217	273	289	286	278	282	235	250	256	259	309	257	299	50	48	56	329	48	240
12	50	48	45	51	59	47	66	97	120	250	261	258	255	239	262	254	245	228	250	228	299	251	56	55	299	45	165
13	69	66	25	54	59	60	246	253	190	116	157	359	323	266	229	227	288	294	311	356	323	360	102	56	360	25	200
14	215	77	44	50	37	65	83	76	285	232	333	241	228	233	249	248	261	247	259	253	222	86	67	44	333	37	172
15	56	52	40	186	50	70	80	94	191	277	312	280	213	227	219	236	230	229	177	194	44	179	194	227	312	40	169
16	265	31	250	210	217	219	201	197	201	214	219	222	204	193	198	187	222	299	262	302	252	240	182	80	302	31	211
17	225	191	68	69	64	48	199	125	280	275	247	10	85	249	242	237	231	231	254	255	249	223	80	71	280	10	175
18	80	188	163	69	109	136	78	238	131	316	235	218	219	227	212	205	235	242	206	85	58	73	84	71	316	58	162
19	61	65	61	35	43	56	68	90	96	88	101	72	35	39	262	109	47	84	89	59	66	64	56	79	262	35	76
20	51	240	277	261	229	175	250	144	35	287	257	234	357	334	345	350	268	274	353	341	60	57	74	77	357	35	222
21	61	61	83	51	93	96	60	93	247	303	254	215	229	220	153	237	147	102	358	69	104	96	80	97	358	51	146
22	69	67	100	69	54	209	69	105	151	44	46	35	334	334	192	180	267	271	269	292	250	36	56	61	334	35	148
23	32	66	54	54	63	268	213	5	13	326	2	20	212	286	33	264	289	289	332	76	60	49	68	62	332	2	131
24	63	79	180	206	210	204	264	222	204	260	199	217	253	238	244	273	13	103	241	342	220	122	63	52	342	13	186
25	65	57	66	61	47	53	194	265	306	322	256	332	336	317	285	333	19	325	359	28	33	56	56	52	359	19	176
26	51	55	52	58	85	109	118	121	122	149	239	312	17	309	351	10	18	357	255	259	351	60	58	43	357	10	148
27	44	51	48	79	77	203	182	73	84	232	222	220	218	199	214	236	232	237	320	355	49	71	53	37	355	37	156
28	43	36	42	316	26	279	79	99	106	204	168	175	351	237	264	262	260	254	279	254	224	48	53	43	351	26	171
29	36	54	47	51	44	71	122	96	163	335	54	355	240	219	163	307	232	232	229	217	192	175	214	58	355	36	163
30	63	54	71	62	56	45	93	130	128	165	196	231	247	218	236	229	237	238	333	340	2	55	49	45	340	2	147
31	45	227	216	108	115	193	233	81	183	229	354	318	83	189	28	301	14	46	43	40	40	31	49	39	354	14	134
Max	265	345	277	317	314	290	268	346	350	342	354	359	357	334	351	350	357	357	359	356	351	360	274	263	360		
Min	31	31	25	14	26	21	60	5	13	41	2	10	17	26	21	10	13	46	10	19	2	28	25	37		2	
Avg.	87	96	101	113	110	127	159	157	175	229	194	199	210	222	218	222	217	223	216	206	159	136	85	77			164
																									Max Daily Mean		240
																									Min Daily Mean		76

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	51	50	62	55	48	60	60	59	36	22	254	206	214	292	237	255	227	218	224	231	223	222	231	50	292	22	149
2	56	56	59	76	82	67	73	104	214	126	193	257	232	201	223	235	212	219	334	73	316	106	256	196	334	56	165
3	51	256	78	191	246	264	246	265	207	212	189	46	17	125	187	220	237	194	177	164	48	233	62	260	265	17	174
4	222	109	71	56	41	34	59	173	321	37	15	3	352	347	217	215	302	43	52	71	77	81	59	55	352	3	125
5	7	42	42	44	46	32	67	135	324	203	258	275	228	242	11	227	71	278	208	245	253	76	44	46	324	7	142
6	59	51	37	33	43	56	91	154	114	360	300	253	266	13	7	269	258	219	70	53	113	70	57	43	360	7	124
7	57	53	35	57	40	86	207	50	96	135	211	161	191	248	269	355	333	328	321	320	19	57	72	96	355	19	158
8	78	336	240	189	59	52	66	220	253	177	34	204	283	309	297	267	300	296	282	220	224	223	84	55	336	34	198
9	215	46	44	46	60	49	89	240	233	265	261	243	192	205	239	248	310	269	279	284	39	59	44	56	310	39	167
10	45	44	44	35	49	48	83	98	111	156	153	165	227	228	222	234	241	250	316	296	42	61	51	48	316	35	135
11	39	39	45	41	39	36	84	116	115	108	177	164	289	354	200	198	336	1	168	267	133	113	106	51	354	1	134
12	66	43	50	48	46	56	42	92	235	221	172	308	93	323	258	223	6	66	38	75	98	90	53	46	323	6	114
13	51	41	59	41	5	34	130	200	246	186	129	114	229	210	203	0	29	232	274	280	54	52	43	47	280	0	120
14	48	45	40	42	38	33	54	138	119	123	183	173	241	218	230	236	231	237	233	22	65	45	52	57	241	22	121
15	43	41	46	46	51	41	181	125	118	138	152	211	203	211	198	239	242	240	214	31	69	71	39	214	242	31	132
16	132	272	58	63	54	75	204	199	245	286	203	193	249	256	285	257	307	243	268	33	168	110	64	64	307	33	179
17	66	60	35	17	77	74	65	109	215	255	201	127	6	18	6	20	346	321	356	304	60	66	57	43	356	6	121
18	51	43	45	40	42	28	53	126	126	143	152	326	306	243	232	229	231	220	216	142	82	85	37	60	326	28	136
19	67	200	57	64	53	41	58	116	132	127	156	204	226	235	231	232	235	235	234	242	165	55	52	53	242	41	144
20	46	48	50	56	55	36	43	60	350	83	262	60	23	310	51	62	20	282	199	186	189	214	200	214	350	20	129
21	274	151	230	286	54	87	218	237	282	202	206	198	232	289	277	345	315	261	319	49	69	60	51	44	345	44	197
22	49	42	51	52	40	43	68	101	109	116	125	21	325	261	253	260	263	259	285	247	79	61	59	52	325	21	134
23	49	50	61	58	57	52	58	98	210	187	177	221	221	232	234	238	221	203	204	193	18	76	89	110	238	18	138
24	96	247	37	47	43	53	49	78	120	123	175	200	206	224	240	211	208	203	231	343	172	44	60	121	343	37	147
25	83	96	73	55	53	61	203	231	285	211	224	239	284	209	234	217	277	236	231	230	238	272	38	69	285	38	181
26	71	76	65	47	45	56	31	36	60	111	231	34	26	27	33	135	48	94	75	124	119	69	83	81	231	26	74
27	46	93	230	233	207	177	21	145	204	215	235	240	253	267	259	251	239	223	238	215	176	199	212	215	267	21	200
28	217	270	188	266	272	233	252	272	242	226	236	255	261	260	248	256	256	224	224	263	79	63	46	46	272	46	215
29	45	51	47	46	41	65	83	100	105	118	114	26	13	301	43	44	42	37	212	57	48	67	49	51	301	13	75
30	46	56	50	311	81	93	86	87	74	124	153	206	166	234	241	241	233	155	229	62	59	48	47	55	311	46	131
31	55	62	34	26	200	172	197	58	263	255	255	282	220	273	278	268	250	269	28	62	52	45	56	63	282	26	155
Max	274	336	240	311	272	264	252	272	350	360	300	326	352	354	297	355	346	328	356	343	316	272	256	260	360		
Min	7	39	34	17	5	28	21	36	36	22	15	3	6	13	6	0	6	1	28	22	18	44	37	43		0	
Avg.	80	99	73	86	73	74	104	136	186	169	187	181	202	231	198	216	220	211	217	174	114	100	79	86			146
																									Max Daily Mean		215
																									Min Daily Mean		74

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Wind Dir - A (Deg)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	54	47	85	85	75	126	134	141	69	63	264	85	82	32	12	20	55	345	215	197	201	204	224	224	345	12	127
2	260	252	161	177	164	176	223	131	97	91	72	73	218	234	244	235	266	249	131	195	158	49	58	56	266	49	165
3	48	40	39	50	71	58	55	53	83	191	253	294	193	57	57	196	353	53	72	249	86	59	73	56	353	39	114
4	70	104	83	65	58	44	56	66	72	77	131	169	283	244	116	230	260	65	314	86	73	80	206	47	314	44	125
5	50	31	26	48	60	61	59	83	270	210	189	233	232	229	228	230	227	230	202	164	204	218	178	199	270	26	161
6	75	61	47	53	55	44	56	74	36	237	266	77	135	299	347	27	8	346	89	81	60	54	65	66	347	8	111
7	86	159	59	52	71	70	67	49	119	25	20	2	26	21	231	176	250	306	25	148	58	47	43	45	306	2	90
8	48	52	54	34	61	69	85	104	121	118	109	155	53	284	194	31	187	221	153	216	192	53	51	55	284	31	112
9	44	253	64	214	170	193	160	70	75	5	347	351	341	349	358	23	16	27	10	121	68	44	57	202	358	5	148
10	187	217	213	219	83	67	56	67	57	343	349	63	344	324	10	10	336	327	106	82	40	35	21	61	349	10	151
11	25	49	58	54	44	33	50	69	41	48	52	56	47	57	33	39	51	46	38	38	33	30	13	60	69	13	44
12	65	48	48	62	79	142	223	94	78	65	52	50	27	8	358	17	17	320	51	72	55	49	42	51	358	8	86
13	56	83	43	52	26	44	55	69	64	265	250	243	273	285	244	206	206	270	258	89	66	53	54	52	285	26	138
14	46	49	54	53	67	116	163	86	94	127	74	51	45	51	45	49	7	268	48	54	59	52	46	49	268	7	73
15	45	70	51	62	85	97	79	79	70	96	165	232	189	291	292	216	257	242	252	273	255	266	268	295	295	45	176
16	254	237	38	233	244	255	123	196	75	34	35	233	233	301	261	280	241	226	158	150	223	186	232	153	301	34	192
17	204	74	158	195	143	80	57	231	289	229	237	234	227	240	248	277	184	266	55	62	63	55	62	58	289	55	164
18	58	38	50	43	47	38	51	48	62	254	242	234	225	54	229	225	202	30	88	42	58	49	54	39	254	30	103
19	42	52	45	36	246	225	238	224	224	27	28	34	24	18	276	320	358	228	234	285	127	103	52	74	358	18	147
20	78	158	224	102	49	51	57	52	50	62	360	207	24	51	82	31	15	18	35	31	35	42	60	48	360	15	80
21	45	46	50	50	61	71	140	20	74	192	270	289	298	5	57	43	65	21	53	39	42	340	58	38	340	5	99
22	62	29	257	344	306	55	248	288	88	48	60	14	34	37	212	238	257	4	55	53	224	53	65	44	344	4	128
23	159	65	54	76	50	64	48	264	226	180	79	104	142	248	239	230	236	262	203	175	136	48	88	305	305	48	153
24	161	20	48	51	277	312	258	265	257	251	235	215	215	338	239	229	223	12	52	59	47	48	29	51	338	12	162
25	45	42	52	59	360	49	72	92	63	59	80	105	167	249	228	226	245	286	83	44	42	47	36	25	360	25	115
26	20	12	26	72	84	70	89	62	62	179	92	92	101	63	8	212	238	277	47	47	36	50	44	48	277	8	85
27	47	48	19	46	25	41	55	46	52	39	13	14	6	11	13	19	19	27	58	64	44	43	55	42	64	6	35
28	37	73	92	137	88	84	69	53	49	206	236	217	232	271	258	316	157	193	35	53	47	50	43	300	316	35	137
29	43	29	48	37	49	46	40	35	66	200	112	212	180	218	221	201	202	213	194	360	63	227	244	252	360	29	145
30	256	258	259	262	250	269	231	186	174	220	348	350	5	10	206	350	349	320	288	59	230	244	258	247	350	5	234
Max	260	258	259	344	360	312	258	288	289	343	360	351	344	349	358	350	358	346	314	360	255	340	268	305	360		
Min	20	12	19	34	25	33	40	20	36	5	13	2	5	5	8	10	7	4	10	31	33	30	13	25		2	
Avg.	89	90	83	101	115	102	110	110	105	138	167	156	153	163	185	163	183	190	120	120	101	96	93	108			127
																									Max Daily Mean		234
																									Min Daily Mean		35

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	67	56	77	76	19	33	81	57	30	57	27	30	56	17	58	57	62	36	39	68	51	31	17	17	81	17	47
2	22	19	20	22	18	29	16	21	16	19	31	29	14	36	63	37	31	17	66	57	29	19	53	23	66	14	29
3	24	58	79	94	80	58	25	20	39	88	23	24	45	OutCal	OutCal	OutCal	OutCal	27	46	20	27	32	34	19	94	19	43
4	87	67	84	26	34	26	76	53	35	30	27	73	18	14	26	27	29	45	29	12	12	10	22	42	87	10	38
5	18	16	54	52	43	22	19	30	53	14	24	46	26	21	39	67	24	70	39	20	20	27	21	32	70	14	33
6	28	16	27	20	34	34	18	24	27	31	18	31	33	23	44	37	31	55	35	22	17	19	24	24	55	16	28
7	19	26	23	14	10	24	18	42	20	25	18	19	14	15	15	4	14	35	49	21	14	16	17	14	49	4	20
8	13	23	12	21	60	39	18	35	32	14	21	12	12	26	12	26	19	19	19	10	42	42	19	29	60	10	24
9	28	16	13	28	22	26	20	21	14	16	19	19	47	21	20	33	33	21	13	13	13	15	13	12	47	12	21
10	9	20	21	15	33	26	16	17	26	21	22	16	17	18	14	9	21	34	38	30	22	23	14	16	38	9	21
11	63	31	36	12	25	17	23	19	24	23	20	19	31	21	28	24	29	45	36	50	44	55	31	34	63	12	31
12	15	26	56	21	17	18	29	28	27	17	25	34	10	16	42	19	16	26	12	11	19	21	14	33	56	10	23
13	41	11	14	14	26	34	22	30	22	19	33	49	29	25	31	53	31	17	48	31	42	20	19	19	53	11	28
14	20	16	12	16	16	16	18	21	21	15	16	18	18	14	14	54	72	51	26	15	16	20	21	20	72	12	23
15	20	27	25	25	33	25	21	25	21	25	29	27	21	22	24	43	29	20	22	22	43	44	22	24	44	20	27
16	19	17	17	47	23	15	11	18	22	16	21	25	12	22	22	29	36	25	32	16	27	24	16	15	47	11	22
17	24	23	23	28	45	36	31	31	27	24	27	20	21	15	26	16	25	51	22	32	21	46	16	12	51	12	27
18	17	27	18	19	16	46	38	20	40	18	29	34	11	10	13	10	13	14	16	19	18	16	14	12	46	10	20
19	10	15	17	17	22	33	20	30	21	15	30	24	12	13	12	12	17	26	23	23	21	22	13	13	33	10	19
20	14	25	34	38	36	45	38	55	52	49	14	47	34	13	24	15	31	21	23	23	27	25	41	49	55	13	32
21	30	59	57	48	38	53	32	19	26	39	36	48	46	16	13	15	15	23	23	43	64	56	50	41	64	13	37
22	20	20	41	20	16	22	23	37	58	13	17	15	13	14	14	33	33	12	11	12	14	16	18	15	58	11	21
23	16	20	31	41	21	15	39	16	28	20	22	18	18	17	16	21	33	10	19	23	29	36	50	57	57	10	26
24	43	54	49	35	63	25	42	21	20	42	49	47	34	64	64	49	54	35	30	19	21	50	29	23	64	19	40
25	23	25	20	19	21	62	54	60	68	75	49	44	41	24	23	17	18	18	23	20	28	43	53	38	75	17	36
26	60	61	45	31	57	73	39	58	74	23	41	22	17	19	19	24	30	19	42	34	48	65	48	32	74	17	41
27	46	21	15	12	32	37	40	36	25	21	21	15	30	29	46	34	26	22	29	15	16	21	25	26	46	12	27
28	22	43	51	37	29	23	24	48	45	24	23	22	31	26	32	33	31	42	47	49	52	31	24	26	52	22	34
29	24	28	28	21	17	20	20	23	27	20	31	16	23	14	23	32	45	74	39	27	29	31	31	39	74	14	28
30	20	29	61	37	27	21	60	18	45	20	30	19	11	39	46	32	47	25	14	21	49	42	46	17	61	11	32
31	17	37	29	11	14	12	16	15	16	19	20	27	27	14	12	19	17	14	16	14	14	18	32	19	37	11	19
Max	87	67	84	94	80	73	81	60	74	88	49	73	56	64	64	67	72	74	66	68	64	65	53	57	94		
Min	9	11	12	11	10	12	11	15	14	13	14	12	10	10	12	4	13	10	11	10	12	10	13	12		4	
Avg.	28	30	35	30	30	31	30	31	32	27	26	29	25	21	28	29	30	31	30	26	29	30	27	26			29
																									Max Daily Mean		47
																									Min Daily Mean		19

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	55	25	40	30	23	33	48	19	17	45	37	24	46	37	26	48	41	58	58	58	59	39	35	56	59	17	40
2	41	36	37	22	12	13	10	13	9	9	11	27	21	35	19	21	15	16	16	19	23	31	21	21	41	9	21
3	49	27	35	28	27	27	48	33	30	39	72	51	24	21	19	62	44	36	17	12	16	17	19	20	72	12	32
4	22	20	16	15	18	28	29	27	25	14	11	11	13	12	13	16	20	33	38	48	40	34	53	26	53	11	24
5	19	16	16	13	16	51	30	25	61	51	31	30	19	27	20	18	20	18	49	32	66	37	32	31	66	13	30
6	28	21	18	22	28	31	30	34	18	19	42	12	14	10	13	23	31	30	30	44	32	46	19	15	46	10	25
7	22	19	20	53	41	36	22	20	33	54	38	42	19	20	36	28	47	31	46	55	30	48	37	50	55	19	35
8	55	22	12	20	39	50	25	26	34	11	21	26	16	28	28	15	19	17	13	41	47	37	28	44	55	11	28
9	35	39	32	46	54	49	24	20	23	48	45	19	16	50	53	36	41	38	21	22	41	21	26	32	54	16	35
10	26	34	28	16	22	34	20	35	33	32	45	49	33	55	36	28	34	20	56	28	23	37	35	45	56	16	33
11	32	28	29	35	35	48	40	22	21	49	37	29	19	58	48	15	18	17	14	17	16	22	32	20	58	14	29
12	18	20	25	25	18	16	33	62	28	22	39	35	42	27	32	24	51	22	23	18	13	14	10	18	62	10	26
13	19	15	25	53	54	55	62	49	70	63	24	21	22	48	22	21	28	32	36	29	19	61	16	28	70	15	36
14	29	27	25	24	24	26	26	19	56	36	22	29	24	25	11	15	13	14	22	15	31	23	45	16	56	11	25
15	32	17	22	23	21	20	15	37	47	22	43	36	23	30	14	15	15	15	16	29	13	19	17	24	47	13	24
16	20	11	37	15	16	30	22	26	23	25	24	20	27	32	34	26	32	30	41	22	29	43	44	49	49	11	28
17	26	25	27	29	27	37	13	19	42	17	17	27	21	23	20	17	25	19	21	12	11	21	19	52	52	11	24
18	37	33	41	51	31	38	40	21	25	19	26	19	27	18	16	23	34	32	26	26	26	21	20	15	51	15	28
19	26	20	40	28	26	36	23	41	41	29	33	17	27	24	23	24	21	34	24	29	25	32	46	25	46	17	29
20	29	28	39	30	43	38	31	25	25	30	31	42	33	25	30	21	21	24	17	19	16	30	18	16	43	16	28
21	17	23	15	15	21	21	18	19	13	18	28	17	16	19	14	25	18	27	19	17	22	17	27	19	28	13	19
22	31	27	21	27	31	33	31	17	26	29	21	18	26	24	20	48	30	39	23	35	34	60	39	21	60	17	30
23	31	31	35	28	17	32	23	62	31	29	40	21	15	45	51	27	19	28	27	38	17	64	40	28	64	15	32
24	17	13	15	13	14	10	15	13	22	13	16	15	13	11	21	17	32	19	28	17	22	15	13	8	32	8	16
25	6	30	11	11	11	12	3	1	10	17	19	34	57	36	28	17	13	22	15	22	28	19	19	23	57	1	19
26	13	20	16	14	14	16	23	15	25	20	22	33	9	17	12	15	13	16	24	12	18	11	17	18	33	9	17
27	37	20	14	19	38	28	38	24	16	16	34	41	26	44	27	42	45	55	70	57	56	34	64	44	70	14	37
28	40	48	67	63	37	39	36	37	33	32	43	14	35	36	54	46	48	20	20	54	17	21	19	17	67	14	36
29	16	21	18	29	16	17	15	22	12	23	17	15	22	30	25	19	35	15	30	25	52	40	49	19	52	12	24
30	15	18	28	48	68	50	33	28	25	20	24	36	27	35	32	39	30	19	40	34	58	23	21	22	68	15	32
Max	55	48	67	63	68	55	62	62	70	63	72	51	57	58	54	62	51	58	70	58	66	64	64	56	72		
Min	6	11	11	11	11	10	3	1	9	9	11	11	9	10	11	15	13	14	13	12	11	11	10	8		1	
Avg.	28	24	27	28	28	32	28	27	29	28	30	27	24	30	27	26	28	26	29	30	30	31	29	27			28
																									Max Daily Mean		40
																									Min Daily Mean		16

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	27	20	34	35	23	43	49	59	52	48	49	62	54	45	43	23	34	27	14	18	51	53	22	36	62	14	38
2	37	51	63	20	37	24	41	17	20	37	67	52	40	65	49	55	24	30	38	22	17	47	29	33	67	17	38
3	29	35	42	36	19	60	24	32	26	20	16	13	17	20	17	19	22	38	63	42	33	53	40	74	74	13	33
4	66	69	53	58	76	75	72	57	68	80	56	74	59	58	38	21	41	35	49	49	14	11	11	21	80	11	50
5	45	34	52	57	55	34	36	27	37	23	20	27	25	25	24	28	23	31	25	21	24	37	20	20	57	20	31
6	14	16	16	18	18	19	23	23	35	34	22	33	15	15	36	35	21	19	18	21	25	19	35	23	36	14	23
7	18	21	16	32	24	43	51	30	55	24	29	37	36	23	13	20	27	32	32	25	10	25	46	51	55	10	30
8	66	45	44	44	38	30	40	40	48	39	37	27	21	47	34	29	19	24	26	38	20	19	39	53	66	19	36
9	28	45	28	37	11	27	35	30	29	12	14	15	18	16	17	16	27	33	39	38	63	51	41	47	63	11	30
10	39	37	45	46	42	50	20	25	22	16	28	19	17	22	30	26	19	20	25	23	26	21	20	30	50	16	28
11	51	58	51	57	26	14	18	18	18	34	25	23	24	16	18	28	24	36	34	25	21	27	25	20	58	14	29
12	30	48	42	34	26	24	30	41	45	38	33	26	33	27	25	37	24	22	35	42	20	18	20	48	48	18	32
13	38	45	24	56	51	23	50	24	25	35	20	46	19	19	40	33	19	31	25	32	31	31	35	38	56	19	33
14	32	18	20	23	16	38	36	35	17	30	31	42	38	45	47	18	17	25	19	40	22	15	23	26	47	15	28
15	39	34	46	62	37	36	54	26	26	19	23	16	17	38	33	45	16	34	43	34	27	33	42	21	62	16	33
16	47	24	21	25	26	20	20	24	19	41	49	37	49	41	32	25	16	29	43	22	39	50	26	27	50	16	31
17	27	25	38	54	47	48	52	51	32	67	50	30	28	56	63	32	32	42	33	45	18	31	23	23	67	18	39
18	40	30	21	18	29	48	68	17	25	28	23	45	17	18	59	25	15	17	19	29	58	42	26	35	68	15	31
19	24	19	23	25	33	29	44	34	42	17	35	32	42	60	62	37	21	20	19	32	35	19	17	35	62	17	32
20	33	22	13	33	17	21	15	30	43	44	41	22	17	40	30	20	20	41	42	48	48	62	45	61	62	13	34
21	76	68	54	59	45	45	58	60	55	43	40	32	39	26	27	16	21	45	34	20	23	27	29	30	76	16	40
22	31	27	15	17	41	32	19	27	24	22	13	35	41	27	20	21	20	25	22	13	11	33	19	15	41	11	24
23	10	11	10	8	15	21	19	49	42	17	25	29	32	24	23	38	15	37	43	40	40	20	23	17	49	8	25
24	22	17	21	34	48	33	52	40	21	43	41	19	24	20	14	19	26	38	25	28	10	22	46	16	52	10	28
25	29	35	36	30	54	60	34	37	27	25	54	49	43	31	20	42	53	45	49	59	29	39	23	32	60	20	39
26	54	17	50	23	29	45	48	45	54	26	44	34	44	44	44	48	43	35	25	27	13	12	16	17	54	12	35
27	10	15	16	17	17	32	19	12	13	15	50	39	28	36	36	50	27	23	38	64	54	66	33	23	66	10	30
28	25	30	20	16	34	27	36	34	30	33	53	27	23	16	11	8	13	13	11	23	13	17	11	16	53	8	22
29	12	30	18	20	16	14	19	23	42	36	18	14	14	11	30	31	26	60	42	56	25	20	19	25	60	11	26
30	16	57	47	38	11	17	15	41	36	22	39	27	36	14	12	28	12	19	12	42	19	31	25	25	57	11	27
31	25	27	45	29	21	22	30	62	36	29	19	37	21	25	28	30	33	27	42	12	37	33	30	21	62	12	30
Max	76	69	63	62	76	75	72	62	68	80	67	74	59	65	63	55	53	60	63	64	63	66	46	74	80		
Min	10	11	10	8	11	14	15	12	13	12	13	13	14	11	11	8	12	13	11	12	10	11	11	15		8	
Avg.	33	33	33	34	32	34	36	34	34	32	34	33	30	31	31	29	24	31	32	33	28	32	28	31			32
																									Max Daily Mean		50
																									Min Daily Mean		22

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	25	22	22	22	27	33	29	19	22	23	17	38	19	45	33	29	35	10	10	8	18	21	14	16	45	8	23
2	13	26	17	12	24	13	16	35	54	39	45	32	46	14	18	16	19	24	29	19	22	35	23	50	54	12	27
3	23	44	27	20	21	20	17	18	41	15	24	28	44	51	31	21	29	31	19	31	24	22	42	41	51	15	29
4	40	16	22	25	27	29	23	36	15	15	16	11	10	10	10	9	10	11	12	12	10	21	40	43	43	9	20
5	42	17	17	15	16	23	13	17	42	38	18	19	21	26	34	53	23	18	22	29	24	17	13	13	53	13	24
6	18	33	55	52	34	68	24	23	11	15	15	22	18	18	55	59	58	40	61	59	71	42	11	24	71	11	37
7	29	47	33	48	46	45	39	23	41	56	19	28	23	17	31	33	38	23	38	34	18	16	13	12	56	12	31
8	16	9	16	15	12	15	16	14	17	12	19	23	45	20	26	19	45	40	47	22	19	21	15	26	47	9	22
9	38	18	21	16	17	16	28	21	16	11	16	26	20	16	39	32	23	24	30	29	29	26	31	26	39	11	24
10	53	53	47	33	17	18	21	25	23	25	17	19	22	49	66	51	44	61	64	56	46	58	41	45	66	17	40
11	29	51	43	51	42	30	44	47	51	46	22	42	44	62	36	30	44	45	54	36	53	55	62	34	62	22	44
12	24	44	52	43	10	13	15	19	53	66	48	55	30	53	36	43	42	58	29	31	31	51	30	30	66	10	38
13	28	30	25	27	34	30	30	27	17	20	47	50	33	27	37	47	34	16	56	50	32	37	25	34	56	16	33
14	28	39	40	24	24	12	11	17	14	23	15	33	23	27	22	25	25	24	17	39	29	34	14	16	40	11	24
15	48	17	34	44	16	31	29	16	21	16	27	17	17	22	15	34	17	17	14	19	25	31	24	37	48	14	24
16	21	18	22	16	21	20	38	22	15	38	22	10	28	20	34	23	30	27	27	23	23	26	19	19	38	10	23
17	29	32	32	15	30	42	35	58	18	21	44	30	41	39	24	20	29	26	53	27	40	39	25	49	58	15	33
18	42	38	28	49	39	72	24	41	42	61	26	33	43	36	40	21	32	33	17	31	14	22	23	29	72	14	35
19	40	42	20	28	36	20	38	19	26	51	45	41	33	29	12	19	25	29	19	25	19	26	39	34	51	12	30
20	30	16	19	19	22	12	35	32	21	56	38	25	23	31	31	13	18	47	30	17	18	22	35	35	56	12	27
21	30	17	35	25	27	21	21	26	33	47	20	24	22	37	40	41	58	38	46	19	20	18	19	24	58	17	29
22	21	15	23	24	19	18	14	14	15	15	19	18	24	22	25	24	23	17	18	20	18	16	35	22	35	14	20
23	33	31	17	22	24	23	37	38	14	14	12	11	10	11	10	14	13	12	15	12	14	15	17	28	38	10	19
24	20	14	12	9	25	18	12	11	10	14	22	18	13	17	20	27	20	26	23	26	36	24	17	34	36	9	19
25	23	26	28	9	7	11	8	9	9	10	9	7	10	7	12	8	10	8	10	12	8	9	10	12	28	7	11
26	31	12	8	12	9	10	10	9	9	9	12	11	27	10	28	20	35	17	21	14	18	18	25	57	57	8	18
27	27	24	29	37	42	24	21	22	16	27	28	26	23	17	12	16	19	44	17	14	15	24	10	17	44	10	23
28	34	28	33	11	24	23	23	22	23	18	43	17	37	18	13	13	10	10	14	17	14	11	16	24	43	10	21
29	21	16	28	17	25	24	34	41	33	27	36	22	26	23	29	37	45	47	26	16	33	17	25	18	47	16	28
30	21	42	50	58	43	36	61	56	34	42	22	36	26	13	23	49	31	26	25	41	49	34	55	44	61	13	38
31	44	18	32	36	28	19	20	19	35	17	14	19	11	11	37	35	16	16	16	10	17	43	19	32	44	10	23
Max	53	53	55	58	46	72	61	58	54	66	48	55	46	62	66	59	58	61	64	59	71	58	62	57	72		
Min	13	9	8	9	7	10	8	9	9	9	9	7	10	7	10	8	10	8	10	8	8	9	10	12		7	
Avg.	30	27	29	27	25	25	25	26	25	29	25	25	26	26	28	28	29	28	28	26	26	27	25	30			27
																									Max Daily Mean		44
																									Min Daily Mean		11

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	39	39	17	27	30	23	27	23	39	49	35	22	24	28	24	38	16	19	23	23	21	17	40	35	49	16	28
2	17	16	19	21	23	19	36	53	55	53	62	57	41	62	67	70	65	68	56	26	45	43	44	25	70	16	43
3	44	46	63	28	10	15	13	14	13	13	16	23	21	60	21	21	23	24	14	27	53	49	58	61	63	10	30
4	25	18	39	21	26	24	21	24	27	19	20	18	19	31	41	25	22	21	22	24	28	33	37	29	41	18	26
5	19	23	25	30	29	31	17	15	17	24	27	23	23	27	24	20	26	53	56	35	25	21	23	23	56	15	27
6	29	27	30	26	25	21	27	23	30	22	28	41	42	30	37	36	26	30	30	39	33	30	20	22	42	20	29
7	41	23	24	60	51	66	59	49	53	24	23	21	29	23	52	26	17	26	17	21	32	32	45	48	66	17	36
8	37	24	17	28	28	33	34	32	41	31	27	32	23	30	25	30	31	24	37	32	18	16	20	28	41	16	28
9	23	21	21	25	52	53	23	69	53	84	67	37	72	59	32	38	38	16	15	19	16	15	16	22	84	15	37
10	19	14	26	25	34	30	29	51	31	60	20	22	22	33	36	31	39	26	20	33	35	35	20	13	60	13	29
11	21	29	18	61	52	26	48	23	37	19	21	31	27	23	19	20	29	41	42	31	40	28	28	41	61	18	31
12	44	33	30	24	43	32	28	46	70	62	21	52	32	29	44	33	50	39	18	33	18	19	14	14	70	14	35
13	11	20	32	29	29	33	18	16	15	28	35	33	37	45	36	29	32	28	21	19	17	19	20	25	45	11	26
14	16	21	74	50	39	52	34	47	67	49	75	39	31	29	28	25	36	30	19	13	14	14	23	12	75	12	35
15	18	39	19	28	42	20	21	24	22	23	22	27	20	21	21	66	35	26	18	25	26	22	25	32	66	18	27
16	35	22	27	25	18	14	43	34	23	21	23	33	40	36	44	39	17	13	16	24	29	28	27	16	44	13	27
17	12	12	9	22	43	24	20	26	23	17	26	42	40	43	28	14	13	18	20	17	13	18	15	20	43	9	22
18	47	27	23	45	19	20	31	26	43	38	42	40	17	34	27	22	20	20	21	25	17	23	33	19	47	17	28
19	27	42	25	40	31	45	35	23	29	70	66	29	32	41	21	25	18	27	24	29	30	24	34	29	70	18	33
20	20	20	20	19	20	22	26	17	15	16	15	18	22	38	36	34	24	19	21	19	16	35	54	23	54	15	24
21	25	16	22	15	17	18	17	41	25	27	23	34	16	24	8	17	24	23	13	15	15	25	24	24	41	8	21
22	18	15	16	22	23	44	35	26	14	19	40	25	23	18	25	34	44	17	24	39	55	36	60	11	60	11	28
23	29	63	48	42	59	60	38	36	35	18	34	29	40	25	26	21	40	35	36	36	45	26	11	26	63	11	36
24	34	24	20	26	44	32	45	32	34	23	6	20	11	9	12	11	14	12	16	14	15	23	17	34	45	6	22
25	38	16	27	19	39	27	34	24	15	10	12	14	12	28	20	20	26	23	24	26	31	51	30	20	51	10	24
26	20	38	62	53	26	37	28	55	33	40	45	20	32	21	47	24	22	17	19	28	17	29	18	33	62	17	32
27	34	39	34	21	19	27	22	40	35	46	29	23	20	20	43	32	16	34	54	14	14	12	12	12	54	12	27
28	11	10	10	16	13	14	54	36	17	21	21	16	18	20	20	14	14	16	19	15	14	20	20	26	54	10	19
29	18	25	13	10	13	19	36	15	27	16	31	40	27	18	16	18	21	33	22	19	45	47	61	40	61	10	26
Max	47	63	74	61	59	66	59	69	70	84	75	57	72	62	67	70	65	68	56	39	55	51	61	61	84		
Min	11	10	9	10	10	14	13	14	13	10	6	14	11	9	8	11	13	12	13	13	13	12	11	11		6	
Avg.	27	26	28	29	31	30	31	32	32	32	31	30	28	31	30	29	27	27	25	25	27	27	29	26			29

Max Daily Mean	43
Min Daily Mean	19

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	33	36	14	14	14	23	27	51	59	65	20	24	36	21	35	29	38	23	16	17	20	30	30	25	65	14	29
2	26	22	27	45	42	43	24	23	17	43	21	29	20	21	19	19	16	26	37	34	33	45	41	25	45	16	29
3	48	37	17	10	22	19	11	17	13	18	12	14	15	50	35	60	28	38	36	30	40	44	44	27	60	10	28
4	15	62	57	43	23	24	14	17	22	32	19	27	14	26	28	19	22	25	53	36	13	12	23	24	62	12	27
5	12	14	12	51	30	35	28	26	31	42	25	23	30	19	21	19	15	31	37	37	17	24	48	56	56	12	28
6	40	23	24	19	22	32	25	47	29	32	55	36	21	18	15	14	13	13	18	19	17	18	19	19	55	13	24
7	15	14	16	15	13	14	16	16	15	23	25	19	14	20	19	27	25	28	11	37	38	37	47	25	47	11	22
8	43	53	37	13	16	14	20	45	51	58	13	10	8	8	8	7	10	10	14	16	15	11	10	9	58	7	21
9	11	11	9	15	22	18	37	32	24	21	23	32	18	22	14	30	31	28	15	10	10	13	14	10	37	9	19
10	12	21	16	10	8	11	11	11	22	12	9	13	16	17	23	13	15	12	7	8	7	7	18	30	30	7	14
11	11	18	44	46	19	39	26	21	29	30	25	28	22	23	18	16	13	9	10	10	8	13	10	13	46	8	21
12	10	32	41	13	45	13	36	12	10	16	9	28	52	18	18	22	27	32	24	23	16	14	14	34	52	9	23
13	33	54	55	51	30	21	27	50	43	27	41	20	18	20	14	17	15	23	19	23	23	24	21	19	55	14	29
14	17	37	42	41	37	38	30	45	30	48	40	20	16	23	17	20	32	34	34	39	28	22	14	13	48	13	30
15	11	35	28	36	54	34	27	28	19	21	30	14	18	16	19	17	16	18	24	22	15	36	35	35	54	11	25
16	38	58	47	47	26	17	21	53	38	22	29	14	18	22	14	17	20	21	25	33	52	11	17	30	58	11	29
17	17	26	21	27	35	58	46	41	45	35	35	18	32	37	17	14	14	9	7	37	23	25	20	18	58	7	27
18	21	32	13	17	17	25	25	15	12	10	20	38	30	32	24	34	13	11	40	11	13	13	15	15	40	10	21
19	18	15	20	14	28	14	14	21	22	14	13	16	19	7	8	8	7	11	9	10	8	9	10	16	28	7	14
20	14	10	9	9	9	11	20	9	7	30	28	20	30	23	25	33	38	24	27	20	12	13	13	14	38	7	19
21	12	9	8	17	24	26	19	12	23	15	41	32	21	22	24	30	21	14	13	31	25	17	19	26	41	8	21
22	30	19	20	22	21	26	34	28	32	15	33	32	40	56	37	22	13	22	14	14	10	13	14	14	56	10	24
23	15	26	55	39	41	36	15	14	21	23	30	20	13	23	19	35	29	24	18	23	31	27	28	46	55	13	27
24	49	21	15	26	29	14	14	25	21	27	31	22	17	29	28	18	35	18	33	38	43	21	41	17	49	14	26
25	30	56	25	23	25	40	27	15	22	31	30	23	22	31	45	43	38	28	17	11	17	17	38	32	56	11	29
26	16	14	11	8	12	16	14	20	28	21	42	26	15	20	22	17	24	13	17	16	13	17	19	17	42	8	18
27	19	21	29	27	25	25	31	43	23	17	25	20	14	18	14	22	17	17	14	17	15	20	17	22	43	14	21
28	26	22	18	21	23	29	30	22	22	22	17	14	20	17	13	16	14	14	14	19	25	29	45	29	45	13	22
29	34	18	23	18	16	24	30	45	47	31	28	20	22	31	28	20	18	22	18	16	24	25	15	12	47	12	24
30	28	34	28	23	46	31	24	37	14	18	27	25	19	22	43	27	59	42	42	60	28	13	41	24	60	13	31
31	24	49	43	24	25	13	17	12	13	20	16	6	8	18	22	32	27	50	14	43	22	23	23	28	50	6	24
Max	49	62	57	51	54	58	46	53	59	65	55	38	52	56	45	60	59	50	53	60	52	45	48	56	65		
Min	10	9	8	8	8	11	11	9	7	10	9	6	8	7	8	7	7	9	7	8	7	7	10	9		6	
Avg.	23	29	27	25	26	25	24	27	26	27	26	22	21	23	22	23	23	22	22	24	21	21	25	23			24
																									Max Daily Mean		31
																									Min Daily Mean		14

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	39	27	48	49	24	40	14	9	23	22	11	17	26	21	23	20	17	28	20	27	39	45	23	19	49	9	26
2	16	8	12	12	11	7	8	9	11	17	19	21	21	21	36	23	22	25	27	52	36	26	10	22	52	7	20
3	23	18	20	51	25	26	19	19	13	25	39	62	38	61	63	40	44	19	15	13	14	14	11	16	63	11	29
4	12	17	16	10	14	17	30	39	24	15	38	23	21	20	29	48	33	12	18	16	16	17	19	15	48	10	22
5	24	60	33	22	18	27	26	20	23	52	27	19	52	23	37	43	59	47	42	17	21	32	30	30	60	17	33
6	24	18	30	22	36	33	24	47	49	44	33	17	16	21	18	24	22	18	43	14	14	17	21	33	49	14	27
7	23	20	17	29	19	25	20	31	21	15	30	35	54	44	42	24	23	30	53	55	27	43	39	39	55	15	32
8	32	62	28	14	16	11	10	11	13	13	15	53	55	41	29	24	18	21	21	16	18	15	15	18	62	10	24
9	25	42	38	25	20	27	33	35	47	32	12	12	30	35	32	34	16	12	21	17	15	15	15	28	47	12	26
10	37	53	45	55	65	45	42	28	28	50	15	20	27	23	21	17	20	42	26	25	13	15	40	24	65	13	32
11	18	41	35	27	35	30	35	39	36	49	19	16	16	22	24	19	15	16	18	14	37	29	53	31	53	14	28
12	30	29	21	18	27	25	20	26	26	19	36	18	25	23	23	15	16	15	16	15	14	14	19	26	36	14	22
13	24	24	34	29	48	19	20	44	19	14	21	34	39	24	18	20	22	18	15	15	17	17	16	14	48	14	24
14	19	17	13	14	14	14	13	24	21	19	23	25	26	18	18	14	14	18	22	21	20	18	26	30	30	13	19
15	22	25	23	17	19	17	23	25	29	14	14	17	49	46	23	15	22	66	64	46	47	49	69	56	69	14	33
16	54	24	30	20	27	30	26	30	22	13	19	20	22	21	19	22	20	17	18	42	16	20	37	32	54	13	25
17	22	19	21	20	19	24	16	24	16	21	15	18	46	28	19	54	47	68	26	28	24	24	21	19	68	15	27
18	18	13	23	15	25	25	30	22	18	40	31	32	41	49	43	50	40	29	36	42	46	13	13	9	50	9	29
19	25	15	12	16	17	19	42	27	12	32	28	33	29	25	39	42	41	16	30	14	17	33	19	28	42	12	25
20	20	16	15	17	18	22	14	46	34	26	42	14	21	24	14	18	36	18	21	44	29	27	28	19	46	14	24
21	33	48	16	30	32	45	29	19	33	31	29	19	59	29	39	65	16	20	28	39	57	17	26	15	65	15	32
22	24	20	12	21	19	17	26	13	16	20	19	37	57	46	60	49	19	26	28	36	49	24	24	22	60	12	28
23	10	10	28	31	26	18	21	23	26	19	17	25	38	26	23	43	26	20	44	55	36	27	15	13	55	10	26
24	21	10	23	26	39	29	41	14	11	18	24	46	42	46	57	25	58	20	21	36	31	54	18	17	58	10	30
25	15	21	15	20	13	27	45	17	17	33	30	33	54	25	40	34	74	21	18	22	41	21	18	14	74	13	28
26	14	13	12	21	29	35	30	22	26	40	65	51	62	60	57	34	19	26	16	13	15	15	17	46	65	12	31
27	23	22	21	27	40	27	35	20	27	18	24	41	45	46	38	60	33	51	30	17	20	23	48	24	60	17	32
28	22	45	41	32	65	40	63	27	47	46	27	47	37	57	54	57	59	41	32	21	50	22	14	18	65	14	40
29	23	27	39	24	56	44	28	20	34	37	37	47	31	19	29	31	28	59	18	17	20	43	49	27	59	17	33
30	29	25	27	16	9	10	23	17	32	33	61	47	29	24	Audit	Audit	Audit	Audit	33	46	42	28	21	29	61	9	29
Max	54	62	48	55	65	45	63	47	49	52	65	62	62	61	63	65	74	68	64	55	57	54	69	56	74		
Min	10	8	12	10	9	7	8	9	11	13	11	12	16	18	14	14	14	12	15	13	13	13	10	9		7	
Avg.	24	26	25	24	27	26	27	25	25	28	27	30	37	32	33	33	30	28	27	28	28	25	26	24			28

Max Daily Mean	40
Min Daily Mean	19

Total Hours in month: **720** **Hours Data Available:** **716** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	33	44	25	54	48	48	36	40	25	47	33	66	25	38	34	26	38	51	29	37	39	30	27	40	66	25	38
2	25	50	67	50	79	50	60	38	35	44	51	43	60	43	54	43	54	41	27	19	25	29	20	12	79	12	42
3	17	22	27	25	24	33	21	20	15	35	20	15	48	75	33	40	23	50	35	31	34	58	30	43	75	15	32
4	15	24	42	31	17	20	18	17	40	37	47	45	24	54	61	39	63	37	19	50	15	35	16	14	63	14	32
5	17	14	13	13	16	24	17	35	30	57	22	31	64	42	17	15	22	33	13	14	21	30	49	28	64	13	27
6	25	29	33	55	42	15	15	21	21	22	28	31	44	24	32	29	22	22	24	32	24	21	21	28	55	15	27
7	24	21	24	34	20	26	28	39	27	33	13	24	19	20	22	49	48	34	22	23	23	36	50	19	50	13	28
8	17	16	23	15	17	11	12	24	19	25	31	27	41	39	21	26	32	24	37	48	60	40	19	12	60	11	27
9	14	22	17	20	13	18	14	19	45	39	55	50	32	40	61	46	20	34	25	25	21	54	60	21	61	13	32
10	47	25	27	20	50	46	34	50	61	64	70	58	72	68	66	61	72	57	72	62	56	45	54	46	72	20	54
11	47	57	42	57	35	60	63	69	78	69	54	52	57	40	38	25	17	14	56	46	31	31	25	52	78	14	46
12	23	17	17	27	25	23	33	45	24	24	26	22	40	32	32	70	57	55	33	45	31	30	48	24	70	17	33
13	28	40	22	48	28	30	50	30	31	24	38	38	41	24	44	29	17	17	14	14	24	43	16	21	50	14	30
14	55	21	27	15	46	54	25	19	41	35	53	28	35	21	52	30	37	53	34	28	30	45	50	32	55	15	36
15	55	60	47	34	50	44	44	61	32	37	64	38	30	32	41	39	38	29	24	25	45	34	31	46	64	24	41
16	17	24	14	15	13	11	18	13	18	19	43	50	42	31	36	58	34	28	31	21	28	23	16	12	58	11	26
17	18	17	21	15	28	46	31	32	24	21	33	38	49	45	48	56	40	38	27	29	54	30	18	16	56	15	32
18	16	14	21	37	22	28	39	47	27	43	49	42	56	38	35	28	49	21	71	27	20	16	15	22	71	14	33
19	12	14	17	20	32	42	19	13	21	41	50	29	65	26	46	39	44	26	38	21	38	21	17	27	65	12	30
20	24	20	16	16	15	9	12	36	28	62	49	49	28	44	45	50	57	35	69	62	17	18	25	22	69	9	34
21	16	17	18	30	28	44	26	16	19	21	24	56	56	55	35	58	59	34	42	62	36	16	22	23	62	16	34
22	20	22	41	23	19	28	24	23	24	26	51	40	34	47	53	33	41	23	27	54	31	30	36	67	67	19	34
23	40	35	19	39	47	19	37	29	27	23	27	28	23	45	28	41	28	22	33	31	30	28	49	16	49	16	31
24	20	22	19	18	31	19	18	45	23	37	25	41	39	23	36	34	40	60	32	32	37	42	46	16	60	16	31
25	17	27	10	27	20	22	38	29	10	38	42	18	34	36	35	32	35	42	27	35	44	43	47	14	47	10	30
26	15	17	12	23	11	16	14	13	34	19	38	38	55	53	47	35	30	58	24	30	36	17	14	15	58	11	28
27	28	18	10	9	11	15	25	12	27	53	34	20	16	13	20	25	22	17	22	20	22	23	34	26	53	9	22
28	30	26	19	20	25	14	13	47	39	14	43	24	47	46	31	41	45	41	61	43	20	12	16	19	61	12	31
29	17	17	54	51	31	47	72	66	63	66	71	59	59	31	48	28	17	46	35	15	33	23	22	19	72	15	41
30	18	16	14	28	35	24	24	30	19	19	26	39	30	44	50	32	60	20	43	41	24	45	54	13	60	13	31
31	13	13	14	15	17	43	18	18	27	38	23	39	28	40	25	43	48	49	24	15	48	50	42	37	50	13	30
Max	55	60	67	57	79	60	72	69	78	69	71	66	72	75	66	70	72	60	72	62	60	58	60	67	79		
Min	12	13	10	9	11	9	12	12	10	14	13	15	16	13	17	15	17	14	13	14	15	12	14	12		9	
Avg.	25	25	25	28	29	30	29	32	31	36	40	38	42	39	40	39	39	36	34	33	32	32	32	26			33
																									Max Daily Mean		54
																									Min Daily Mean		22

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	38	24	52	23	33	41	41	20	11	10	12	37	36	26	18	21	21	19	49	35	24	21	18	12	52	10	27
2	17	17	21	18	16	17	20	30	25	32	49	21	28	55	38	61	21	42	34	42	48	39	59	44	61	16	33
3	38	53	54	44	43	41	19	35	18	10	14	23	54	24	21	13	23	17	61	40	70	49	38	46	70	10	35
4	53	27	21	43	46	33	19	27	35	32	18	16	43	27	30	28	19	17	43	39	43	26	31	19	53	16	31
5	48	26	24	68	27	21	54	24	27	45	76	49	65	50	19	34	34	55	33	42	35	48	13	19	76	13	39
6	21	18	14	35	38	13	20	34	35	39	25	49	33	43	21	39	20	59	39	27	34	26	20	15	59	13	30
7	17	13	23	19	18	31	38	41	42	14	17	29	37	24	49	19	41	34	12	53	26	42	25	27	53	12	29
8	40	24	21	14	17	24	30	32	31	24	14	35	27	22	33	52	42	37	65	32	13	21	49	22	65	13	30
9	22	38	27	59	57	31	25	13	12	22	21	27	24	33	30	23	19	48	17	38	37	61	25	48	61	12	32
10	39	53	49	22	18	26	37	12	37	15	40	35	28	24	33	33	53	29	18	17	17	27	31	56	56	12	31
11	48	57	56	41	36	37	11	12	21	30	33	49	40	39	43	30	24	25	25	21	24	30	46	33	57	11	34
12	57	57	73	63	67	48	23	47	40	33	16	25	27	29	40	27	25	19	21	17	29	26	15	32	73	15	36
13	35	23	26	28	36	33	27	21	14	25	18	21	56	25	27	35	31	12	12	25	26	26	29	60	60	12	28
14	12	19	16	21	21	19	32	36	24	20	43	47	40	63	58	15	26	43	51	29	32	63	40	30	63	12	33
15	43	43	15	14	20	21	21	34	40	47	29	49	25	21	66	30	58	24	28	58	14	35	42	65	66	14	35
16	63	19	12	13	14	13	16	21	24	25	22	30	35	48	36	14	16	26	29	21	20	43	51	43	63	12	27
17	39	41	23	31	23	29	29	13	23	10	22	17	22	25	34	39	45	52	35	25	40	40	24	59	59	10	31
18	22	19	17	15	17	16	23	16	32	54	32	45	53	38	38	36	19	44	15	26	35	70	46	48	70	15	32
19	51	16	17	12	21	15	26	28	27	18	37	35	41	37	45	42	15	19	48	19	31	45	33	61	61	12	31
20	42	18	16	17	24	31	26	55	38	29	44	34	48	24	34	40	27	14	16	49	42	38	54	36	55	14	33
21	20	43	31	33	17	21	13	18	29	43	38	22	65	52	32	31	21	14	35	15	23	53	18	19	65	13	29
22	13	23	15	24	28	22	22	18	30	31	27	35	52	39	33	53	48	38	24	22	23	24	16	17	53	13	28
23	21	16	16	12	24	36	47	55	38	32	26	58	55	66	26	44	16	17	19	15	17	22	23	16	66	12	30
24	18	17	13	18	21	24	34	35	70	68	51	43	66	18	18	27	37	35	14	25	26	17	43	34	70	13	32
25	44	54	50	49	59	21	39	17	51	25	35	43	53	26	39	31	33	26	24	25	46	32	45	60	60	17	39
26	26	25	20	20	26	22	31	30	30	14	34	38	36	28	39	44	43	38	25	34	40	41	40	38	44	14	32
27	30	40	48	13	22	18	15	13	27	46	36	33	42	42	32	32	42	18	30	35	55	44	44	31	55	13	33
28	47	35	28	15	14	17	9	10	8	12	15	22	14	15	10	9	15	27	11	9	15	26	12	19	47	8	17
29	24	33	19	17	18	17	27	26	32	52	25	43	25	25	33	32	26	38	15	18	16	24	25	28	52	15	26
30	35	39	33	13	35	21	20	19	25	28	43	44	42	51	24	45	31	39	34	9	45	43	40	56	56	9	34
Max	63	57	73	68	67	48	54	55	70	68	76	58	66	66	66	61	58	59	65	58	70	70	59	65	76		
Min	12	13	12	12	14	13	9	10	8	10	12	16	14	15	10	9	15	12	11	9	13	17	12	12		8	
Avg.	34	31	28	27	29	25	26	26	30	29	30	35	40	35	33	33	30	31	29	29	31	37	33	36			31
																									Max Daily Mean		39
																									Min Daily Mean		17

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	40	31	28	50	25	34	20	25	12	11	19	22	32	61	45	16	21	29	29	38	49	61	53	56	61	11	34
2	26	22	34	27	32	25	35	18	13	20	25	45	24	45	30	51	20	20	42	36	42	40	21	30	51	13	30
3	34	35	24	20	40	26	22	25	28	16	17	12	20	31	28	21	24	23	51	40	35	30	17	21	51	12	27
4	54	51	49	56	28	34	56	41	21	11	18	40	32	44	15	31	46	33	27	22	16	33	20	18	56	11	33
5	16	16	24	22	28	23	34	34	17	32	25	22	44	23	24	56	53	20	37	27	35	16	19	16	56	16	28
6	22	20	32	19	20	32	28	15	18	24	58	30	42	48	31	21	41	64	39	57	54	37	43	52	64	15	35
7	30	37	17	21	18	20	21	18	33	31	42	60	36	57	50	45	29	33	25	50	27	24	51	47	60	17	34
8	29	47	49	61	33	27	36	13	44	24	50	39	50	25	28	37	22	29	16	16	26	38	17	22	61	13	32
9	24	16	24	17	15	15	17	15	25	32	50	44	63	56	35	41	26	28	26	46	23	27	22	39	63	15	30
10	20	20	41	40	50	48	31	43	36	64	44	28	29	28	26	61	63	53	61	41	53	32	34	27	64	20	40
11	24	67	27	33	13	11	22	18	45	33	22	34	50	36	32	21	23	42	49	54	24	13	54	20	67	11	32
12	14	14	14	20	28	22	19	21	29	19	22	29	47	32	28	23	23	19	22	22	56	39	47	52	56	14	28
13	16	28	31	39	31	19	34	25	36	37	32	48	32	23	19	18	27	21	28	40	44	34	29	42	48	16	30
14	52	46	31	17	15	30	22	43	28	33	65	25	28	32	18	17	23	18	24	20	40	23	17	30	65	15	29
15	23	37	39	38	34	26	46	46	54	35	47	56	31	17	15	17	16	16	22	37	61	57	33	27	61	15	35
16	24	73	63	38	31	28	32	22	21	26	38	29	19	30	32	25	46	46	47	51	37	30	45	47	73	19	37
17	52	56	46	53	40	35	45	65	37	49	57	44	42	35	26	25	19	21	25	18	26	35	19	13	65	13	37
18	57	41	34	19	24	21	19	32	25	32	27	13	24	34	27	24	41	53	46	20	31	43	22	22	57	13	30
19	24	24	23	47	45	27	15	32	10	24	29	34	48	28	44	37	21	21	22	34	39	38	43	37	48	10	31
20	65	33	48	52	25	53	38	28	40	31	28	33	29	64	38	47	36	28	36	25	16	43	36	31	65	16	38
21	30	16	33	44	35	19	15	20	29	32	36	24	49	48	59	58	26	38	21	58	30	48	25	24	59	15	34
22	14	15	14	18	37	44	30	21	41	16	16	16	32	33	30	42	51	46	21	21	56	64	33	43	64	14	31
23	53	42	61	45	57	58	62	39	65	26	21	52	16	37	43	39	36	31	34	52	36	42	15	25	65	15	41
24	17	41	57	33	61	53	35	23	27	36	26	36	21	31	23	39	43	42	41	28	24	36	15	26	61	15	34
25	34	20	49	13	20	16	26	34	23	17	27	31	56	36	40	33	25	37	20	20	17	19	15	12	56	12	27
26	14	13	14	24	29	37	11	18	19	24	53	44	42	53	51	36	28	27	23	16	30	15	16	17	53	11	27
27	14	14	15	30	42	51	52	50	16	26	22	33	24	35	26	50	46	30	29	20	31	40	22	29	52	14	31
28	27	32	33	46	26	30	17	16	44	35	25	42	42	34	25	40	19	24	22	15	18	38	26	56	56	15	30
29	34	30	16	28	23	29	26	41	31	33	35	41	46	32	42	44	31	19	32	9	18	21	56	52	56	9	32
30	22	19	58	57	33	37	46	15	26	26	28	32	30	60	27	33	21	20	31	58	56	55	26	29	60	15	35
31	29	20	22	54	32	25	23	49	51	45	47	54	47	34	40	33	50	18	23	17	17	30	21	19	54	17	33
Max	65	73	63	61	61	58	62	65	65	64	65	60	63	64	59	61	63	64	61	58	61	64	56	56	73		
Min	14	13	14	13	13	11	11	13	10	11	16	12	16	17	15	16	16	16	16	9	16	13	15	12		9	
Avg.	30	31	34	35	31	31	30	29	30	29	34	35	36	38	32	35	32	31	31	32	34	35	29	32			32
																									Max Daily Mean		41
																									Min Daily Mean		27

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	35	22	24	16	14	15	18	24	17	27	30	68	42	51	57	38	55	54	35	45	43	23	41	52	68	14	35
2	37	35	25	35	23	33	25	17	34	36	36	49	16	43	52	20	35	39	36	38	44	39	49	55	55	16	35
3	31	47	44	50	43	17	24	14	27	32	26	23	26	24	29	25	22	22	31	45	48	52	51	50	52	14	33
4	78	45	46	21	19	14	31	21	42	19	13	16	33	23	34	15	36	24	17	37	21	14	16	17	78	13	27
5	35	11	24	16	14	26	18	50	28	32	49	23	24	53	55	24	44	23	41	24	24	39	20	20	55	11	30
6	15	21	18	44	26	21	26	33	38	22	27	19	23	37	18	34	43	42	27	43	34	33	25	20	44	15	29
7	21	21	25	72	26	47	40	48	18	27	47	48	61	42	32	29	36	48	42	55	51	33	18	30	72	18	38
8	48	60	41	35	25	28	39	27	19	38	56	49	51	55	48	60	33	29	37	55	58	51	39	45	60	19	43
9	31	33	27	22	29	27	42	32	36	11	9	27	26	31	20	22	32	19	23	27	20	14	30	19	42	9	25
10	15	16	13	12	13	14	16	15	22	27	42	44	28	23	20	25	24	19	23	28	21	14	19	17	44	12	21
11	9	10	12	19	12	17	31	11	25	28	42	35	56	49	33	49	34	35	40	42	70	48	42	25	70	9	32
12	28	14	13	16	22	21	22	21	29	39	26	43	47	44	32	36	35	35	27	37	31	15	20	15	47	13	28
13	12	24	26	55	37	19	30	41	21	35	28	26	19	17	28	44	61	43	26	28	16	18	16	16	61	12	29
14	14	16	24	26	25	16	41	25	21	28	38	53	60	46	55	38	51	18	36	33	25	46	17	17	60	14	32
15	17	18	17	18	28	47	38	20	51	34	40	49	33	42	39	22	21	21	31	52	26	35	37	54	54	17	33
16	46	61	48	42	45	51	29	24	27	44	37	44	44	50	53	19	33	34	28	43	28	53	23	34	61	19	39
17	26	56	37	72	21	15	44	20	29	23	18	29	24	36	31	24	46	28	34	27	37	13	30	43	72	13	32
18	26	17	15	20	16	20	17	32	12	18	31	33	39	44	35	54	16	15	32	55	34	29	55	26	55	12	29
19	34	75	36	19	33	52	17	34	40	28	60	53	23	21	20	29	19	19	14	14	45	23	21	31	75	14	32
20	23	27	36	28	38	15	22	42	37	36	35	39	33	49	31	19	16	22	23	23	23	63	31	70	70	15	32
21	42	54	51	53	41	39	39	32	39	43	35	24	28	34	20	32	43	18	45	32	39	18	22	22	54	18	35
22	17	13	20	13	34	25	33	17	9	12	36	56	49	28	29	44	46	24	31	24	36	21	21	19	56	9	27
23	18	15	21	17	19	12	19	33	22	21	62	31	34	28	26	21	21	36	35	22	58	45	54	23	62	12	29
24	65	42	26	30	25	16	17	11	15	29	43	36	33	37	37	29	27	19	27	42	61	21	41	46	65	11	32
25	52	54	45	38	34	46	31	65	35	56	25	60	56	32	28	24	53	23	21	20	21	33	31	50	65	20	39
26	47	54	42	33	49	23	16	23	31	43	37	53	23	24	44	28	27	29	31	37	25	22	33	33	54	16	34
27	43	32	43	48	53	45	51	45	23	19	35	22	29	33	27	28	30	68	23	25	25	26	23	33	68	19	34
28	19	63	35	34	56	43	22	14	22	21	28	25	27	30	24	31	25	31	31	47	35	16	18	12	63	12	30
29	19	16	19	33	41	40	46	22	32	58	46	61	30	42	27	38	35	46	19	37	39	32	48	19	61	16	35
30	18	21	47	81	56	29	25	16	41	48	51	26	54	39	31	24	55	55	38	18	42	43	40	42	81	16	39
31	42	74	45	59	31	26	54	30	19	14	20	21	49	33	21	15	21	26	13	16	18	19	17	16	74	13	29
Max	78	75	51	81	56	52	54	65	51	58	62	68	61	55	57	60	61	68	45	55	70	63	55	70	81		
Min	9	10	12	12	12	12	16	11	9	11	9	16	16	17	18	15	16	15	13	14	16	13	16	12		9	
Avg.	31	34	30	35	31	28	30	28	28	31	36	38	36	37	33	30	35	31	30	34	35	31	31	31			32
																									Max Daily Mean		43
																									Min Daily Mean		21

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Sigma T - A (Deg)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	21	26	18	31	19	37	37	17	28	31	27	29	34	31	36	39	26	35	15	21	33	23	26	23	39	15	28
2	22	35	25	36	44	26	46	36	17	31	52	53	63	36	18	19	48	42	63	27	50	45	24	29	63	17	37
3	26	17	25	28	34	34	21	40	38	54	74	58	54	55	50	46	40	39	48	66	54	69	67	36	74	17	45
4	58	79	55	50	27	48	25	30	31	22	27	40	83	62	68	82	76	64	70	50	55	28	62	57	83	22	52
5	40	56	65	67	59	42	37	72	75	58	51	18	21	20	23	17	32	32	33	52	51	27	25	54	75	17	43
6	46	25	32	23	46	26	51	55	32	14	55	34	49	58	31	37	28	26	47	46	27	18	30	36	58	14	36
7	18	33	20	35	17	37	36	36	30	31	23	21	48	56	23	40	56	57	39	31	23	26	16	38	57	16	33
8	34	30	36	32	31	22	20	22	22	14	16	31	49	38	24	50	22	43	51	34	58	37	53	46	58	14	34
9	27	48	54	30	43	65	69	32	28	31	29	26	35	33	32	22	21	23	41	44	29	30	19	73	73	19	37
10	46	46	22	50	33	24	28	37	48	20	26	36	49	56	32	18	25	47	27	29	23	13	28	55	56	13	34
11	39	43	40	31	31	35	37	37	52	23	16	24	22	45	25	35	17	19	19	24	17	28	26	33	52	16	30
12	15	13	16	19	26	39	37	40	26	21	25	20	16	23	28	23	19	20	56	25	46	23	26	18	56	13	26
13	21	64	37	14	15	44	27	43	26	27	18	23	44	31	33	18	21	20	21	24	11	16	17	14	64	11	26
14	20	15	11	35	37	29	37	24	22	37	28	27	19	18	15	19	30	27	43	20	20	15	13	39	43	11	25
15	21	39	40	50	41	57	37	18	23	27	32	33	49	51	70	56	63	54	42	41	40	41	47	72	72	18	43
16	59	63	77	60	43	37	62	68	54	53	46	57	62	46	54	58	55	50	40	45	70	72	62	64	77	37	57
17	55	48	59	53	67	31	51	52	49	23	16	18	25	16	14	28	49	44	29	34	19	22	17	17	67	14	35
18	26	39	38	19	24	21	29	32	38	39	21	34	45	36	27	22	29	51	72	38	27	25	22	26	72	19	32
19	18	21	23	52	54	25	45	49	39	46	14	13	43	62	60	72	49	69	49	68	76	58	57	33	76	13	46
20	62	33	35	46	28	28	23	20	25	15	43	43	18	26	52	31	18	14	28	29	30	35	31	21	62	14	31
21	18	17	19	37	56	52	71	65	42	56	54	30	47	26	26	31	21	21	19	17	40	55	51	27	71	17	37
22	51	70	78	88	77	64	66	70	54	25	46	26	17	42	62	61	54	68	34	39	65	58	34	56	88	17	54
23	35	63	43	50	38	66	50	69	41	43	38	24	59	22	19	16	30	53	29	54	69	60	64	49	69	16	45
24	34	32	31	41	41	23	49	15	11	12	17	12	34	58	36	45	15	27	14	15	13	17	17	21	58	11	26
25	23	20	25	42	56	27	23	20	24	22	24	25	59	82	53	64	27	49	53	18	17	15	23	15	82	15	34
26	14	27	16	20	17	34	21	18	44	26	34	51	33	24	54	60	35	51	20	57	33	16	18	25	60	14	31
27	21	26	38	36	25	21	22	18	46	39	15	17	13	12	13	16	25	74	21	17	16	21	18	33	74	12	25
28	20	36	33	56	47	15	31	61	43	45	45	40	26	45	16	44	69	62	56	60	43	37	43	58	69	15	43
29	31	51	22	27	16	19	27	27	47	38	20	44	32	35	21	25	20	60	45	57	56	42	31	28	60	16	34
30	27	19	33	29	20	18	23	36	53	50	38	44	58	54	29	39	32	42	33	44	26	38	18	23	58	18	34
Max	62	79	78	88	77	66	71	72	75	58	74	58	83	82	70	82	76	74	72	68	76	72	67	73	88		
Min	14	13	11	14	15	15	20	15	11	12	14	12	13	12	13	16	15	14	14	15	11	13	13	14		11	
Avg.	32	38	36	39	37	35	38	39	37	32	32	32	40	40	35	38	35	43	39	37	38	34	33	37			36
																									Max Daily Mean		57
																									Min Daily Mean		25

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	OutCal	OutCal	OutCal	OutCal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	OutCal	OutCal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NoData	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **737** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0
11	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.3	0.5	0.8	1.8	0.3	0.3	0.8	1.8	0.0	0.2
5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0
23	0.0	0.3	0.0	0.3	0.3	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	1.0	0.5	0.0	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.3	0.3	0.5	0.3	0.5	0.8	1.8	0.3	0.3	0.8	1.8		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.2
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Max	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.3	0.8	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.8		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0

Max Daily Mean	0.1
Min Daily Mean	0.0

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Max	0.0	0.3	0.0	0.0	0.3	0.0	0.5	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	Audit	Audit	Audit	Audit	Audit	Audit	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1
Max	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	1.0		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.1
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **714** **Data Recovery:** **99%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.1
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0
23	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.5	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	6.9	4.6	6.6	8.1	0.0	1.1
25	2.5	1.0	0.8	0.5	0.3	0.5	1.0	2.0	2.3	1.8	0.8	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.6
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.8	0.3	0.0	0.3	0.0	0.0	0.0	2.0	0.0	0.2
27	0.3	0.0	0.3	0.8	0.8	1.8	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.3	1.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.3
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.1
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.3	2.0	2.3	0.5	2.3	0.0	0.2
Max	2.5	1.0	0.8	0.8	0.8	1.8	1.0	2.0	2.3	1.8	0.8	0.3	1.3	0.3	3.3	1.5	0.5	2.0	0.5	0.0	8.1	6.9	4.6	6.6	8.1		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.3	0.3	0.2	0.2			0.1
																									Max Daily Mean		1.1
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.5	0.5	2.0	3.6	1.0	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.3	0.0	0.0	0.0	3.6	0.0	0.6
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.3	0.3	1.5	3.3	2.5	0.8	3.3	0.0	0.4
4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.5	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.8	0.0	0.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.8	0.5	0.0	0.0	1.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.2
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.3
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	2.5	2.3	0.8	0.5	0.0	0.3	0.0	0.0	0.0	4.3	0.0	0.4
13	0.3	2.0	3.6	3.3	0.8	0.8	0.5	0.3	0.3	0.3	0.3	0.8	0.5	0.5	0.0	0.3	0.5	0.5	0.0	0.8	1.0	0.8	0.5	0.3	3.6	0.0	0.8
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.1
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.3	0.8	0.0	0.1
17	0.0	0.0	0.0	0.0	0.3	0.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.1	2.3	0.0	0.0	0.0	0.3	0.0	0.0	3.1	0.0	0.3
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.1
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	2.0	4.3	1.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	2.3	1.8	1.3	0.5	0.0	0.3	2.3	0.0	0.3
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.8	2.3	2.3	0.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.3
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0
30	0.0	0.5	0.3	0.3	0.0	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.8	0.0	0.0	0.5	7.4	0.0	0.0	7.4	0.0	0.5
Max	0.3	2.0	3.6	3.3	3.6	1.0	1.3	1.0	0.8	2.0	4.3	1.8	0.8	1.8	4.3	3.3	3.6	2.3	2.3	2.0	2.3	7.4	2.5	0.8	7.4		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.1	0.2	0.4	0.4	0.4	0.3	0.2	0.3	0.2	0.4	0.1	0.1			0.2
																									Max Daily Mean		0.8
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.0	0.3	0.5	0.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	7.1	0.5	0.3	0.0	0.0	7.1	0.0	0.5
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	7.6	2.5	0.0	0.0	0.0	0.0	0.3	7.6	0.0	0.4
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.3	0.0	0.0	0.0	0.3	0.0	0.0	1.3	0.5	1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.2
4	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.8	2.3	1.3	1.5	1.0	0.3	0.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.4
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.0	1.0	1.5	0.0	0.3	0.8	0.5	0.3	0.0	0.5	1.0	0.5	0.3	1.5	0.0	0.3
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0
16	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.8	0.3	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.2
17	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.3	0.5	0.5	2.3	3.1	1.3	1.0	0.8	0.5	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	3.1	0.0	0.5
20	0.3	0.8	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1
21	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.5	0.0	0.1
22	0.5	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	1.0	0.8	0.5	2.3	3.1	1.3	1.0	1.8	2.3	1.3	1.5	1.0	1.0	1.5	0.3	1.8	1.3	7.6	2.5	7.1	0.5	1.0	0.5	0.5	7.6		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.3	0.2	0.2	0.0	0.1	0.0	0.0			0.1
																									Max Daily Mean		0.5
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.5	0.3	0.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8	2.8	0.0	0.2
3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.1
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0
21	0.0	0.3	0.5	0.3	0.3	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.0	0.0	0.0	0.8	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.5	0.0	0.2
26	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.5	1.3	0.8	0.3	0.0	0.5	1.3	0.0	0.2
27	0.5	0.5	0.3	0.0	0.3	0.3	0.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.0	0.2
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Max	0.5	0.5	0.8	0.3	0.3	0.3	1.0	1.5	0.3	0.5	0.0	0.8	0.8	1.3	0.5	0.3	0.5	1.0	0.5	1.3	0.8	0.3	1.0	2.8	2.8		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1			0.0
																									Max Daily Mean		0.2
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Precip - A (mm/hr)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.3	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.1
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.3	2.5	0.3	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.3	1.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Avg.	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.1
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	12	60	101	163	223	345	236	205	83	72	19	0	0	0	0	0	0	345	0	63
2	0	0	0	0	0	0	0	20	73	87	156	237	248	243	130	89	46	20	0	0	0	0	0	0	248	0	56
3	0	0	0	0	0	0	0	15	60	90	147	257	295	186	108	84	58	9	0	0	0	0	0	0	295	0	54
4	0	0	0	0	0	0	0	13	55	111	138	200	202	189	221	116	44	14	0	0	0	0	0	0	221	0	54
5	0	0	0	0	0	0	0	10	28	41	106	300	297	283	234	105	50	9	0	0	0	0	0	0	300	0	61
6	0	0	0	0	0	0	0	15	28	47	112	276	308	209	103	79	33	7	0	0	0	0	0	0	308	0	51
7	0	0	0	0	0	0	0	9	38	75	119	147	230	170	112	79	31	5	0	0	0	0	0	0	230	0	42
8	0	0	0	0	0	0	0	5	65	118	122	213	189	145	138	110	37	5	0	0	0	0	0	0	213	0	48
9	0	0	0	0	0	0	0	4	28	54	82	300	266	267	225	163	72	5	0	0	0	0	0	0	300	0	61
10	0	0	0	0	0	0	0	5	38	78	84	91	94	91	79	49	15	2	0	0	0	0	0	0	94	0	26
11	0	0	0	0	0	0	0	2	14	71	91	169	170	142	119	77	30	3	0	0	0	0	0	0	170	0	37
12	0	0	0	0	0	0	0	4	26	42	44	233	310	283	138	136	40	3	0	0	0	0	0	0	310	0	52
13	0	0	0	0	0	0	0	8	39	79	105	107	104	93	83	53	33	3	0	0	0	0	0	0	107	0	29
14	0	0	0	0	0	0	0	1	23	57	75	111	129	76	64	104	41	1	0	0	0	0	0	0	129	0	28
15	0	0	0	0	0	0	0	1	35	77	71	76	87	113	104	44	26	2	0	0	0	0	0	0	113	0	27
16	0	0	0	0	0	0	0	2	31	89	97	191	201	172	89	49	12	0	0	0	0	0	0	0	201	0	39
17	0	0	0	0	0	0	0	1	14	34	56	81	103	99	75	52	13	0	0	0	0	0	0	0	103	0	22
18	0	0	0	0	0	0	0	1	22	53	90	111	132	127	68	42	9	0	0	0	0	0	0	0	132	0	27
19	0	0	0	0	0	0	0	1	22	46	72	102	119	134	57	47	15	0	0	0	0	0	0	0	134	0	26
20	0	0	0	0	0	0	0	1	16	36	49	105	209	161	79	40	10	0	0	0	0	0	0	0	209	0	29
21	0	0	0	0	0	0	0	1	17	38	57	112	146	169	157	68	11	0	0	0	0	0	0	0	169	0	32
22	0	0	0	0	0	0	0	0	11	26	38	80	202	174	122	61	10	0	0	0	0	0	0	0	202	0	30
23	0	0	0	0	0	0	0	0	14	42	58	58	65	78	70	48	10	0	0	0	0	0	0	0	78	0	18
24	0	0	0	0	0	0	0	0	15	33	64	103	157	137	62	25	2	0	0	0	0	0	0	0	157	0	25
25	0	0	0	0	0	0	0	0	2	12	28	24	34	56	31	39	7	0	0	0	0	0	0	0	56	0	10
26	0	0	0	0	0	0	0	0	4	21	60	90	82	117	86	32	2	0	0	0	0	0	0	0	117	0	21
27	0	0	0	0	0	0	0	0	8	29	47	54	150	161	115	48	5	0	0	0	0	0	0	0	161	0	26
28	0	0	0	0	0	0	0	0	6	29	47	67	107	125	99	28	4	0	0	0	0	0	0	0	125	0	21
29	0	0	0	0	0	0	0	0	8	39	35	34	92	147	103	33	3	0	0	0	0	0	0	0	147	0	21
30	0	0	0	0	0	0	0	0	3	18	51	75	119	123	37	24	2	0	0	0	0	0	0	0	123	0	19
31	0	0	0	0	0	0	0	0	4	19	30	36	41	88	62	20	2	0	0	0	0	0	0	0	88	0	13
Max	0	0	0	0	0	0	0	20	73	118	163	300	345	283	234	163	72	20	0	0	0	0	0	0	345		
Min	0	0	0	0	0	0	0	0	2	12	28	24	34	56	31	20	2	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	4	26	54	80	138	169	154	109	65	24	3	0	0	0	0	0	0			34
																									Max Daily Mean		63
																									Min Daily Mean		10

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	3	25	51	73	84	78	58	23	1	0	0	0	0	0	0	0	84	0	17
2	0	0	0	0	0	0	0	0	6	21	32	39	42	121	83	22	1	0	0	0	0	0	0	0	121	0	15
3	0	0	0	0	0	0	0	0	3	23	47	61	89	70	39	9	0	0	0	0	0	0	0	0	89	0	14
4	0	0	0	0	0	0	0	0	1	20	52	76	80	83	52	10	0	0	0	0	0	0	0	0	83	0	16
5	0	0	0	0	0	0	0	0	1	17	28	37	43	37	33	11	0	0	0	0	0	0	0	0	43	0	9
6	0	0	0	0	0	0	0	0	1	16	38	78	74	55	42	12	0	0	0	0	0	0	0	0	78	0	13
7	0	0	0	0	0	0	0	0	0	10	19	35	41	24	18	7	0	0	0	0	0	0	0	0	41	0	6
8	0	0	0	0	0	0	0	0	1	19	44	62	99	54	39	11	0	0	0	0	0	0	0	0	99	0	14
9	0	0	0	0	0	0	0	0	0	14	41	52	39	38	32	9	0	0	0	0	0	0	0	0	52	0	9
10	0	0	0	0	0	0	0	0	0	15	42	51	33	26	10	3	0	0	0	0	0	0	0	0	51	0	7
11	0	0	0	0	0	0	0	0	0	10	31	43	49	70	41	6	0	0	0	0	0	0	0	0	70	0	10
12	0	0	0	0	0	0	0	0	0	10	42	71	74	37	30	4	0	0	0	0	0	0	0	0	74	0	11
13	0	0	0	0	0	0	0	0	0	5	15	26	41	38	24	4	0	0	0	0	0	0	0	0	41	0	6
14	0	0	0	0	0	0	0	0	0	11	35	47	50	28	18	5	0	0	0	0	0	0	0	0	50	0	8
15	0	0	0	0	0	0	0	0	0	6	25	39	43	36	20	4	0	0	0	0	0	0	0	0	43	0	7
16	0	0	0	0	0	0	0	0	0	4	19	42	43	38	17	3	0	0	0	0	0	0	0	0	43	0	7
17	0	0	0	0	0	0	0	0	0	6	23	35	39	37	28	5	0	0	0	0	0	0	0	0	39	0	7
18	0	0	0	0	0	0	0	0	0	4	15	23	25	23	15	3	0	0	0	0	0	0	0	0	25	0	4
19	0	0	0	0	0	0	0	0	0	4	14	21	24	22	13	2	0	0	0	0	0	0	0	0	24	0	4
20	0	0	0	0	0	0	0	0	0	3	13	20	22	20	12	2	0	0	0	0	0	0	0	0	22	0	4
21	0	0	0	0	0	0	0	0	0	2	17	40	29	21	11	1	0	0	0	0	0	0	0	0	40	0	5
22	0	0	0	0	0	0	0	0	0	2	12	21	34	23	8	1	0	0	0	0	0	0	0	0	34	0	4
23	0	0	0	0	0	0	0	0	0	3	21	38	36	20	11	1	0	0	0	0	0	0	0	0	38	0	5
24	0	0	0	0	0	0	0	0	0	1	11	22	30	29	11	1	0	0	0	0	0	0	0	0	30	0	4
25	0	0	0	0	0	0	0	0	0	1	10	21	30	24	14	1	0	0	0	0	0	0	0	0	30	0	4
26	0	0	0	0	0	0	0	0	0	1	9	16	19	17	9	1	0	0	0	0	0	0	0	0	19	0	3
27	0	0	0	0	0	0	0	0	0	1	8	15	17	15	6	0	0	0	0	0	0	0	0	0	17	0	3
28	0	0	0	0	0	0	0	0	0	0	7	14	17	15	10	0	0	0	0	0	0	0	0	0	17	0	3
29	0	0	0	0	0	0	0	0	0	0	4	17	21	15	6	0	0	0	0	0	0	0	0	0	21	0	3
30	0	0	0	0	0	0	0	0	0	0	5	13	15	11	4	0	0	0	0	0	0	0	0	0	15	0	2
Max	0	0	0	0	0	0	0	0	6	25	52	78	99	121	83	23	1	0	0	0	0	0	0	0	121		
Min	0	0	0	0	0	0	0	0	0	0	4	13	15	11	4	0	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	1	9	24	38	43	37	24	5	0	0	0	0	0	0	0	0			8
																									Max Daily Mean		17
																									Min Daily Mean		2

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	0	0	10	28	18	13	4	0	0	0	0	0	0	0	0	0	28	0	3
2	0	0	0	0	0	0	0	0	0	0	3	11	18	10	5	0	0	0	0	0	0	0	0	0	18	0	2
3	0	0	0	0	0	0	0	0	0	0	5	14	19	11	2	0	0	0	0	0	0	0	0	0	19	0	2
4	0	0	0	0	0	0	0	0	0	0	2	9	8	8	2	0	0	0	0	0	0	0	0	0	9	0	1
5	0	0	0	0	0	0	0	0	0	0	1	8	9	11	6	0	0	0	0	0	0	0	0	0	11	0	1
6	0	0	0	0	0	0	0	0	0	0	2	9	14	9	1	0	0	0	0	0	0	0	0	0	14	0	1
7	0	0	0	0	0	0	0	0	0	0	1	7	14	8	1	0	0	0	0	0	0	0	0	0	14	0	1
8	0	0	0	0	0	0	0	0	0	0	2	12	17	10	2	0	0	0	0	0	0	0	0	0	17	0	2
9	0	0	0	0	0	0	0	0	0	0	2	10	17	12	2	0	0	0	0	0	0	0	0	0	17	0	2
10	0	0	0	0	0	0	0	0	0	0	2	9	16	11	2	0	0	0	0	0	0	0	0	0	16	0	2
11	0	0	0	0	0	0	0	0	0	0	1	4	7	3	0	0	0	0	0	0	0	0	0	0	7	0	1
12	0	0	0	0	0	0	0	0	0	0	1	16	13	7	2	0	0	0	0	0	0	0	0	0	16	0	2
13	0	0	0	0	0	0	0	0	0	0	1	5	10	9	1	0	0	0	0	0	0	0	0	0	10	0	1
14	0	0	0	0	0	0	0	0	0	0	2	9	12	14	3	0	0	0	0	0	0	0	0	0	14	0	2
15	0	0	0	0	0	0	0	0	0	0	1	4	4	2	1	0	0	0	0	0	0	0	0	0	4	0	0
16	0	0	0	0	0	0	0	0	0	0	2	8	11	9	2	0	0	0	0	0	0	0	0	0	11	0	1
17	0	0	0	0	0	0	0	0	0	0	1	8	17	11	4	0	0	0	0	0	0	0	0	0	17	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	6	18	8	0	0	0	0	0	0	0	0	0	18	0	1
19	0	0	0	0	0	0	0	0	0	0	1	11	9	3	1	0	0	0	0	0	0	0	0	0	11	0	1
20	0	0	0	0	0	0	0	0	0	0	1	7	12	9	2	0	0	0	0	0	0	0	0	0	12	0	1
21	0	0	0	0	0	0	0	0	0	0	0	2	7	4	1	0	0	0	0	0	0	0	0	0	7	0	1
22	0	0	0	0	0	0	0	0	0	0	0	2	3	4	0	0	0	0	0	0	0	0	0	0	4	0	0
23	0	0	0	0	0	0	0	0	0	0	1	18	32	27	5	0	0	0	0	0	0	0	0	0	32	0	3
24	0	0	0	0	0	0	0	0	0	0	1	5	11	10	2	0	0	0	0	0	0	0	0	0	11	0	1
25	0	0	0	0	0	0	0	0	0	0	0	4	7	6	2	0	0	0	0	0	0	0	0	0	7	0	1
26	0	0	0	0	0	0	0	0	0	0	1	9	13	9	2	0	0	0	0	0	0	0	0	0	13	0	1
27	0	0	0	0	0	0	0	0	0	0	1	16	14	19	12	0	0	0	0	0	0	0	0	0	19	0	3
28	0	0	0	0	0	0	0	0	0	0	1	14	20	15	5	0	0	0	0	0	0	0	0	0	20	0	2
29	0	0	0	0	0	0	0	0	0	0	2	9	15	17	5	0	0	0	0	0	0	0	0	0	17	0	2
30	0	0	0	0	0	0	0	0	0	0	2	8	10	10	6	0	0	0	0	0	0	0	0	0	10	0	2
31	0	0	0	0	0	0	0	0	0	0	1	8	12	10	4	0	0	0	0	0	0	0	0	0	12	0	1
Max	0	0	0	0	0	0	0	0	0	0	10	28	32	27	12	0	0	0	0	0	0	0	0	0	32		
Min	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	0	0	2	9	13	10	3	0	0	0	0	0	0	0	0	0			2
																									Max Daily Mean		3
																									Min Daily Mean		0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	0	0	1	9	14	11	3	0	0	0	0	0	0	0	0	0	14	0	2
2	0	0	0	0	0	0	0	0	0	0	2	10	15	25	8	0	0	0	0	0	0	0	0	0	25	0	3
3	0	0	0	0	0	0	0	0	0	0	2	16	22	17	9	1	0	0	0	0	0	0	0	0	22	0	3
4	0	0	0	0	0	0	0	0	0	0	1	8	13	7	1	0	0	0	0	0	0	0	0	0	13	0	1
5	0	0	0	0	0	0	0	0	0	0	2	14	26	17	6	0	0	0	0	0	0	0	0	0	26	0	3
6	0	0	0	0	0	0	0	0	0	0	2	10	16	11	2	0	0	0	0	0	0	0	0	0	16	0	2
7	0	0	0	0	0	0	0	0	0	0	4	15	22	14	4	0	0	0	0	0	0	0	0	0	22	0	2
8	0	0	0	0	0	0	0	0	0	0	1	9	16	12	4	0	0	0	0	0	0	0	0	0	16	0	2
9	0	0	0	0	0	0	0	0	0	0	4	13	16	15	9	1	0	0	0	0	0	0	0	0	16	0	2
10	0	0	0	0	0	0	0	0	0	0	3	21	20	29	7	0	0	0	0	0	0	0	0	0	29	0	3
11	0	0	0	0	0	0	0	0	0	0	3	17	24	24	11	1	0	0	0	0	0	0	0	0	24	0	3
12	0	0	0	0	0	0	0	0	0	0	1	9	16	13	8	1	0	0	0	0	0	0	0	0	16	0	2
13	0	0	0	0	0	0	0	0	0	0	4	13	44	30	16	2	0	0	0	0	0	0	0	0	44	0	5
14	0	0	0	0	0	0	0	0	0	0	5	13	19	19	13	2	0	0	0	0	0	0	0	0	19	0	3
15	0	0	0	0	0	0	0	0	0	0	5	13	17	17	19	5	0	0	0	0	0	0	0	0	19	0	3
16	0	0	0	0	0	0	0	0	0	0	5	16	25	28	19	3	0	0	0	0	0	0	0	0	28	0	4
17	0	0	0	0	0	0	0	0	0	0	7	16	22	24	14	5	0	0	0	0	0	0	0	0	24	0	4
18	0	0	0	0	0	0	0	0	0	0	7	17	43	38	27	8	0	0	0	0	0	0	0	0	43	0	6
19	0	0	0	0	0	0	0	0	0	0	14	33	44	43	20	3	0	0	0	0	0	0	0	0	44	0	7
20	0	0	0	0	0	0	0	0	0	0	8	16	20	20	14	5	0	0	0	0	0	0	0	0	20	0	3
21	0	0	0	0	0	0	0	0	0	0	11	27	28	26	15	3	0	0	0	0	0	0	0	0	28	0	5
22	0	0	0	0	0	0	0	0	0	0	10	24	35	35	20	5	0	0	0	0	0	0	0	0	35	0	5
23	0	0	0	0	0	0	0	0	0	0	10	27	61	41	26	5	0	0	0	0	0	0	0	0	61	0	7
24	0	0	0	0	0	0	0	0	0	1	11	36	49	43	24	6	0	0	0	0	0	0	0	0	49	0	7
25	0	0	0	0	0	0	0	0	0	0	7	20	29	28	20	6	0	0	0	0	0	0	0	0	29	0	5
26	0	0	0	0	0	0	0	0	0	2	17	36	43	47	35	12	0	0	0	0	0	0	0	0	47	0	8
27	0	0	0	0	0	0	0	0	0	2	16	27	41	43	33	17	1	0	0	0	0	0	0	0	43	0	7
28	0	0	0	0	0	0	0	0	0	2	12	22	28	29	23	12	1	0	0	0	0	0	0	0	29	0	5
29	0	0	0	0	0	0	0	0	0	2	11	25	52	68	62	16	1	0	0	0	0	0	0	0	68	0	10
30	0	0	0	0	0	0	0	0	0	2	18	30	34	42	30	11	1	0	0	0	0	0	0	0	42	0	7
31	0	0	0	0	0	0	0	0	0	3	37	76	89	58	36	15	2	0	0	0	0	0	0	0	89	0	13
Max	0	0	0	0	0	0	0	0	0	3	37	76	89	68	62	17	2	0	0	0	0	0	0	0	89		
Min	0	0	0	0	0	0	0	0	0	0	1	8	13	7	1	0	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	0	1	8	21	30	28	17	5	0	0	0	0	0	0	0	0			5
																									Max Daily Mean		13
																									Min Daily Mean		1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	0	3	18	27	46	32	16	5	0	0	0	0	0	0	0	0	46	0	6
2	0	0	0	0	0	0	0	0	0	7	26	50	80	76	42	19	1	0	0	0	0	0	0	0	80	0	13
3	0	0	0	0	0	0	0	0	0	3	15	25	28	28	42	22	2	0	0	0	0	0	0	0	42	0	7
4	0	0	0	0	0	0	0	0	0	6	18	36	68	38	62	29	3	0	0	0	0	0	0	0	68	0	11
5	0	0	0	0	0	0	0	0	0	5	35	58	86	76	39	19	3	0	0	0	0	0	0	0	86	0	13
6	0	0	0	0	0	0	0	0	0	7	19	27	30	35	52	34	4	0	0	0	0	0	0	0	52	0	9
7	0	0	0	0	0	0	0	0	0	7	19	28	31	56	94	47	5	0	0	0	0	0	0	0	94	0	12
8	0	0	0	0	0	0	0	0	0	6	37	56	64	84	110	52	5	0	0	0	0	0	0	0	110	0	17
9	0	0	0	0	0	0	0	0	1	9	20	31	63	83	70	33	8	0	0	0	0	0	0	0	83	0	13
10	0	0	0	0	0	0	0	0	0	6	34	39	73	52	61	31	8	0	0	0	0	0	0	0	73	0	13
11	0	0	0	0	0	0	0	0	1	11	55	57	96	104	77	41	8	0	0	0	0	0	0	0	104	0	19
12	0	0	0	0	0	0	0	0	0	11	34	57	79	87	68	45	12	0	0	0	0	0	0	0	87	0	16
13	0	0	0	0	0	0	0	0	1	24	44	50	53	63	41	27	8	0	0	0	0	0	0	0	63	0	13
14	0	0	0	0	0	0	0	0	0	14	40	51	51	79	68	63	18	0	0	0	0	0	0	0	79	0	16
15	0	0	0	0	0	0	0	0	1	22	54	69	61	84	67	52	18	0	0	0	0	0	0	0	84	0	18
16	0	0	0	0	0	0	0	0	2	15	30	34	110	105	98	50	25	1	0	0	0	0	0	0	110	0	20
17	0	0	0	0	0	0	0	0	2	36	63	45	142	196	162	106	28	1	0	0	0	0	0	0	196	0	33
18	0	0	0	0	0	0	0	0	3	17	28	35	151	203	169	112	32	2	0	0	0	0	0	0	203	0	31
19	0	0	0	0	0	0	0	0	4	18	31	48	110	237	178	114	29	2	0	0	0	0	0	0	237	0	32
20	0	0	0	0	0	0	0	0	4	35	89	106	165	116	84	70	29	3	0	0	0	0	0	0	165	0	29
21	0	0	0	0	0	0	0	0	4	30	88	111	171	125	136	82	53	6	0	0	0	0	0	0	171	0	34
22	0	0	0	0	0	0	0	0	6	41	77	114	98	115	89	67	33	4	0	0	0	0	0	0	115	0	27
23	0	0	0	0	0	0	0	0	9	45	77	100	115	129	135	97	47	7	0	0	0	0	0	0	135	0	32
24	0	0	0	0	0	0	0	0	6	31	60	101	118	119	104	85	47	5	0	0	0	0	0	0	119	0	28
25	0	0	0	0	0	0	0	0	9	43	88	130	137	147	137	126	49	6	0	0	0	0	0	0	147	0	36
26	0	0	0	0	0	0	0	0	10	43	70	111	170	172	135	91	47	9	0	0	0	0	0	0	172	0	36
27	0	0	0	0	0	0	0	0	12	47	78	131	181	239	170	88	37	6	0	0	0	0	0	0	239	0	41
28	0	0	0	0	0	0	0	1	23	57	52	133	280	274	234	169	93	13	0	0	0	0	0	0	280	0	55
29	0	0	0	0	0	0	0	1	26	73	127	200	270	222	227	130	85	23	0	0	0	0	0	0	270	0	58
Max	0	0	0	0	0	0	0	1	26	73	127	200	280	274	234	169	93	23	0	0	0	0	0	0	280		
Min	0	0	0	0	0	0	0	0	0	3	15	25	28	28	16	5	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	4	23	49	71	108	116	102	66	25	3	0	0	0	0	0	0			24
																									Max Daily Mean		58
																									Min Daily Mean		6

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	1	15	30	45	156	299	293	251	179	61	17	0	0	0	0	0	0	299	0	56
2	0	0	0	0	0	0	0	1	28	58	102	113	171	175	167	154	77	19	0	0	0	0	0	0	175	0	44
3	0	0	0	0	0	0	0	2	18	44	130	183	213	269	224	154	107	21	0	0	0	0	0	0	269	0	57
4	0	0	0	0	0	0	0	2	25	86	126	198	205	224	241	161	69	25	1	0	0	0	0	0	241	0	57
5	0	0	0	0	0	0	0	3	21	41	73	218	269	227	189	104	46	21	0	0	0	0	0	0	269	0	50
6	0	0	0	0	0	0	0	3	31	58	124	183	156	178	146	121	59	13	1	0	0	0	0	0	183	0	45
7	0	0	0	0	0	0	0	4	42	99	124	162	237	283	244	249	138	51	1	0	0	0	0	0	283	0	68
8	0	0	0	0	0	0	0	6	71	190	277	277	245	218	181	134	65	18	1	0	0	0	0	0	277	0	70
9	0	0	0	0	0	0	0	9	53	98	120	127	205	268	221	148	93	32	2	0	0	0	0	0	268	0	57
10	0	0	0	0	0	0	0	6	35	134	226	296	345	346	288	161	114	40	4	0	0	0	0	0	346	0	83
11	0	0	0	0	0	0	0	13	63	116	163	184	207	218	194	156	108	37	3	0	0	0	0	0	218	0	61
12	0	0	0	0	0	0	0	14	56	124	194	257	408	369	335	263	169	54	3	0	0	0	0	0	408	0	94
13	0	0	0	0	0	0	0	13	29	46	167	361	394	388	342	271	180	66	6	0	0	0	0	0	394	0	94
14	0	0	0	0	0	0	0	21	77	108	160	215	339	284	191	136	82	40	6	0	0	0	0	0	339	0	69
15	0	0	0	0	0	0	0	16	40	56	224	367	337	382	333	286	171	77	8	0	0	0	0	0	382	0	96
16	0	0	0	0	0	0	0	14	61	118	218	299	303	386	334	300	198	86	11	0	0	0	0	0	386	0	97
17	0	0	0	0	0	0	1	17	36	51	266	358	426	409	368	295	189	91	16	0	0	0	0	0	426	0	105
18	0	0	0	0	0	0	1	19	79	148	288	331	424	421	381	305	209	90	8	0	0	0	0	0	424	0	113
19	0	0	0	0	0	0	2	18	48	67	296	376	306	475	378	368	105	46	11	0	0	0	0	0	475	0	104
20	0	0	0	0	0	0	2	38	68	78	340	411	441	416	386	338	160	57	11	0	0	0	0	0	441	0	114
21	0	0	0	0	0	0	3	19	36	97	365	426	448	369	376	310	193	118	19	0	0	0	0	0	448	0	116
22	0	0	0	0	0	0	5	28	45	120	268	365	440	450	409	335	236	127	14	0	0	0	0	0	450	0	118
23	0	0	0	0	0	0	4	23	39	134	381	435	472	461	369	288	198	81	28	0	0	0	0	0	472	0	121
24	0	0	0	0	0	0	5	48	102	153	209	238	276	305	218	171	134	109	23	0	0	0	0	0	305	0	83
25	0	0	0	0	0	0	7	56	114	160	286	326	359	386	340	262	194	134	31	1	0	0	0	0	386	0	111
26	0	0	0	0	0	0	8	30	53	199	369	464	464	481	431	345	260	149	23	1	0	0	0	0	481	0	136
27	0	0	0	0	0	0	9	36	45	205	385	408	448	451	324	326	281	141	21	1	0	0	0	0	451	0	128
28	0	0	0	0	0	0	8	27	39	228	412	472	497	488	444	370	271	159	31	2	0	0	0	0	497	0	144
29	0	0	0	0	0	0	9	26	38	237	426	453	510	414	391	290	262	144	29	2	0	0	0	0	510	0	135
30	0	0	0	0	0	0	15	52	67	267	421	463	451	445	372	220	124	48	22	3	0	0	0	0	463	0	124
31	0	0	0	0	0	0	7	43	95	147	200	224	245	256	329	256	140	96	28	1	0	0	0	0	329	0	86
Max	0	0	0	0	0	0	15	56	114	267	426	472	510	488	444	370	281	159	31	3	0	0	0	0	510		
Min	0	0	0	0	0	0	0	1	15	30	45	113	156	175	146	104	46	13	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	3	20	51	119	238	301	340	346	303	241	151	71	12	0	0	0	0	0			91
																									Max Daily Mean		144
																									Min Daily Mean		44

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	15	69	136	165	163	391	484	534	453	325	299	185	48	5	0	0	0	0	534	0	136
2	0	0	0	0	0	1	27	80	123	223	288	418	489	506	478	409	209	197	66	4	0	0	0	0	506	0	147
3	0	0	0	0	0	1	22	45	119	201	346	414	462	376	295	296	265	211	57	5	0	0	0	0	462	0	130
4	0	0	0	0	0	2	20	52	85	366	450	487	503	487	456	359	278	168	61	7	0	0	0	0	503	0	157
5	0	0	0	0	0	1	28	87	126	252	276	314	361	372	387	271	190	119	51	9	0	0	0	0	387	0	118
6	0	0	0	0	0	1	42	110	129	349	472	533	551	542	498	422	324	210	63	8	0	0	0	0	551	0	177
7	0	0	0	0	0	2	35	83	119	385	472	526	554	542	489	397	253	122	48	8	0	0	0	0	554	0	168
8	0	0	0	0	0	0	12	73	115	223	460	439	457	384	555	481	241	221	74	12	0	0	0	0	555	0	156
9	0	0	0	0	0	4	24	43	162	404	493	552	575	503	470	437	334	218	84	13	0	0	0	0	575	0	180
10	0	0	0	0	0	5	25	44	182	403	506	592	577	553	468	415	345	234	121	26	1	0	0	0	592	0	187
11	0	0	0	0	0	6	30	52	211	420	501	558	584	571	524	446	345	230	99	15	0	0	0	0	584	0	191
12	0	0	0	0	0	7	31	66	198	389	494	500	340	342	313	368	329	116	74	28	0	0	0	0	500	0	150
13	0	0	0	0	0	8	50	88	259	432	488	505	484	455	301	242	238	149	68	22	0	0	0	0	505	0	158
14	0	0	0	0	0	8	38	97	193	351	214	342	411	155	207	160	178	131	129	28	1	0	0	0	411	0	110
15	0	0	0	0	0	12	36	51	302	418	502	566	588	572	505	464	362	230	133	23	1	0	0	0	588	0	199
16	0	0	0	0	0	17	51	74	309	427	510	569	586	580	542	464	368	278	136	27	1	0	0	0	586	0	206
17	0	0	0	0	0	12	39	80	322	410	517	574	584	599	594	306	377	278	144	43	2	0	0	0	599	0	203
18	0	0	0	0	0	18	68	121	193	267	457	472	368	432	418	174	316	231	95	32	2	0	0	0	472	0	153
19	0	0	0	0	1	16	35	94	353	457	540	499	494	500	313	334	349	235	141	25	3	0	0	0	540	0	183
20	0	0	0	0	1	17	40	144	357	468	535	275	473	172	160	153	295	214	175	60	4	0	0	0	535	0	148
21	0	0	0	0	0	10	45	86	334	287	267	116	532	363	220	381	153	125	112	55	3	0	0	0	532	0	129
22	0	0	0	0	1	22	59	150	287	443	526	580	349	275	392	283	175	146	23	15	3	0	0	0	580	0	155
23	0	0	0	0	1	16	45	87	150	285	273	253	313	279	248	522	437	362	97	9	1	0	0	0	522	0	141
24	0	0	0	0	2	17	32	183	385	490	572	643	441	634	601	111	249	71	114	49	5	0	0	0	643	0	192
25	0	0	0	0	4	34	42	175	389	504	706	505	553	303	344	284	423	191	152	72	6	0	0	0	706	0	195
26	0	0	0	0	4	22	42	207	255	497	591	741	730	698	671	349	353	267	203	74	11	0	0	0	741	0	238
27	0	0	0	0	5	27	70	217	379	493	582	648	383	704	551	383	186	183	101	34	9	0	0	0	704	0	206
28	0	0	0	0	7	40	78	147	263	437	520	289	312	402	343	268	315	142	56	54	13	0	0	0	520	0	154
29	0	0	0	0	9	50	110	152	318	460	384	388	337	331	217	282	171	74	80	60	22	0	0	0	460	0	143
30	0	0	0	0	1	15	32	84	143	183	165	298	233	317	273	245	138	176	190	52	14	0	0	0	317	0	107
Max	0	0	0	0	9	50	110	217	389	504	706	741	730	704	671	522	437	362	203	74	22	0	0	0	741		
Min	0	0	0	0	0	0	12	43	85	165	163	116	233	155	160	111	138	71	23	4	0	0	0	0		0	
Avg.	0	0	0	0	1	13	41	101	230	370	442	466	470	449	409	334	283	190	100	29	3	0	0	0			164
																									Max Daily Mean		238
																									Min Daily Mean		107

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	5	37	80	153	245	286	285	369	312	343	336	279	200	138	119	40	8	0	0	0	369	0	135
2	0	0	0	0	7	51	97	184	297	425	595	296	419	648	415	493	320	276	143	113	15	0	0	0	648	0	200
3	0	0	0	0	12	38	159	228	361	487	485	362	338	250	233	239	239	174	73	48	12	1	0	0	487	0	156
4	0	0	0	0	13	49	161	308	416	525	588	298	381	477	471	297	152	153	119	59	18	1	0	0	588	0	187
5	0	0	0	0	15	52	96	168	300	444	572	627	204	237	182	218	321	81	93	72	25	1	0	0	627	0	155
6	0	0	0	0	16	54	163	222	279	309	494	564	365	360	211	275	207	145	104	112	29	1	0	0	564	0	163
7	0	0	0	0	15	49	168	339	449	420	407	522	239	315	98	310	301	311	83	42	12	1	0	0	522	0	170
8	0	0	0	1	17	64	269	357	310	393	266	419	389	614	501	389	323	232	120	55	18	1	0	0	614	0	197
9	0	0	0	1	15	51	177	325	429	402	355	441	389	422	290	475	230	182	116	80	39	3	0	0	475	0	184
10	0	0	0	3	26	61	89	274	421	541	395	321	243	417	393	276	163	135	142	92	42	2	0	0	541	0	168
11	0	0	0	0	7	31	81	148	155	263	510	394	627	712	670	543	505	343	159	97	40	5	0	0	712	0	220
12	0	0	0	2	24	81	182	286	389	334	285	436	692	397	500	220	355	166	53	33	26	2	0	0	692	0	186
13	0	0	0	2	25	104	194	200	472	628	788	801	548	495	659	492	330	277	248	152	34	4	0	0	801	0	269
14	0	0	0	3	22	123	256	374	480	567	550	189	266	247	219	274	258	295	268	134	49	3	0	0	567	0	191
15	0	0	0	2	21	146	186	311	127	312	412	330	472	449	240	544	285	328	188	168	28	7	0	0	544	0	190
16	0	0	0	4	44	150	260	376	487	327	671	533	427	556	485	376	483	264	306	193	44	8	0	0	671	0	250
17	0	0	0	5	50	145	253	369	479	577	611	706	694	404	644	660	297	142	68	124	47	10	0	0	706	0	262
18	0	0	0	6	64	164	266	317	485	600	610	254	191	727	416	424	567	409	322	190	64	8	0	0	727	0	253
19	0	0	0	6	63	159	269	374	477	590	256	559	611	420	454	200	356	424	217	134	33	9	0	0	611	0	234
20	0	0	0	6	65	155	264	367	409	442	548	476	327	397	267	144	308	303	128	118	69	10	0	0	548	0	200
21	0	0	0	7	68	159	269	377	487	505	436	287	283	339	267	348	197	160	283	174	78	15	1	0	505	0	197
22	0	0	1	16	75	149	201	249	384	622	523	229	229	383	287	276	198	170	152	89	24	6	0	0	622	0	178
23	0	0	0	8	40	88	113	127	110	96	183	301	412	437	177	182	427	291	239	83	33	14	1	0	437	0	140
24	0	0	0	10	30	64	89	152	207	295	317	498	232	412	479	370	327	258	137	48	0	0	0	0	498	0	164
25	0	0	0	1	8	22	41	55	91	113	165	153	207	205	287	194	195	153	211	80	49	16	1	0	287	0	94
26	0	0	0	9	70	144	242	385	455	420	353	386	482	523	67	139	169	49	74	59	29	9	1	0	523	0	169
27	0	0	0	5	8	28	70	125	181	236	414	650	359	202	187	142	143	92	44	18	6	1	0	0	650	0	121
28	0	0	0	9	27	48	114	220	228	422	421	292	412	350	675	94	394	199	71	74	104	19	1	0	675	0	174
29	0	0	0	9	53	125	178	341	231	338	315	163	205	671	753	683	441	152	224	181	77	14	3	0	753	0	215
30	0	0	2	20	95	135	340	397	503	455	356	423	372	346	634	451	288	283	122	130	86	16	3	0	634	0	227
31	0	0	2	20	76	137	290	393	496	498	579	306	402	266	277	202	147	291	77	86	21	4	1	0	579	0	190
Max	0	0	2	20	95	164	340	397	503	628	788	801	694	727	753	683	567	424	322	193	104	19	3	0	801		
Min	0	0	0	0	5	22	41	55	91	96	165	153	191	202	67	94	143	49	44	18	0	0	0	0		0	
Avg.	0	0	0	5	35	92	181	274	350	415	443	406	378	420	380	329	294	222	152	99	37	6	0	0			188
																									Max Daily Mean		269
																									Min Daily Mean		94

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	10	26	37	101	123	230	275	311	508	368	418	617	518	195	61	38	13	11	1	0	617	0	161
2	0	0	1	8	31	79	98	237	513	507	371	461	396	607	482	464	295	196	297	225	96	28	6	1	607	0	225
3	0	0	2	19	41	81	121	251	362	583	578	595	248	75	228	342	552	313	76	29	8	0	0	0	595	0	188
4	0	0	2	11	24	79	109	131	296	600	573	300	136	406	333	285	349	381	84	42	37	28	5	0	600	0	175
5	0	1	4	21	66	194	302	410	472	235	439	369	436	317	405	576	389	238	303	78	53	17	5	0	576	0	222
6	0	0	0	9	20	50	100	107	113	170	113	166	192	420	418	196	412	119	320	156	118	25	7	1	420	0	135
7	0	0	4	23	74	87	255	235	378	324	522	669	445	285	303	232	118	141	102	35	14	5	1	0	669	0	177
8	0	0	3	24	38	102	108	89	164	252	214	352	605	549	325	45	169	245	263	219	121	24	5	0	605	0	163
9	0	0	4	25	113	198	306	415	525	604	671	671	512	556	289	181	173	163	187	227	119	24	5	0	671	0	249
10	0	0	4	24	80	170	214	397	470	592	672	730	377	250	225	512	259	106	120	153	35	25	7	2	730	0	226
11	0	0	5	19	43	86	141	245	403	610	353	625	783	694	561	575	555	457	341	234	126	18	4	0	783	0	287
12	0	0	1	4	19	43	67	78	86	193	310	271	167	226	121	67	114	76	164	79	54	22	4	0	310	0	90
13	0	0	0	7	18	49	113	114	155	169	171	214	251	235	305	283	216	123	82	40	22	7	1	0	305	0	107
14	0	0	2	9	34	94	157	162	305	651	744	763	819	284	441	294	397	248	191	97	48	16	8	1	819	0	240
15	0	0	4	19	52	183	290	496	472	340	187	344	659	816	52	153	574	317	172	180	71	32	5	1	816	0	226
16	0	0	4	25	112	186	128	240	427	610	497	473	246	486	279	306	337	208	176	120	48	16	6	0	610	0	205
17	0	0	1	6	14	30	83	121	154	177	419	587	672	826	582	59	16	38	88	120	100	31	11	3	826	0	172
18	0	0	2	10	29	55	148	282	511	612	703	841	699	519	190	506	550	94	187	85	35	23	5	1	841	0	254
19	0	1	5	19	42	79	163	252	330	440	591	746	757	463	725	632	245	200	334	135	57	38	10	1	757	0	261
20	0	0	4	20	41	147	272	402	506	601	689	296	147	234	420	633	303	227	303	130	32	19	5	1	689	0	226
21	0	0	5	28	62	80	82	61	89	200	351	375	717	688	647	396	238	190	192	79	64	44	10	2	717	0	192
22	1	1	4	25	103	213	328	398	498	596	474	382	836	727	681	687	591	380	214	242	152	42	8	0	836	0	316
23	0	0	4	28	74	85	335	408	400	358	410	550	765	624	673	663	280	203	193	130	51	33	10	1	765	0	262
24	0	0	2	23	97	193	299	419	520	624	528	390	735	478	417	523	319	403	254	248	136	25	8	0	735	0	277
25	0	0	3	14	39	112	136	168	217	341	372	372	463	388	613	561	582	429	192	113	55	27	6	0	613	0	217
26	0	0	9	29	64	105	140	21	64	63	63	88	231	189	163	246	267	90	31	33	12	9	1	0	267	0	80
27	0	0	0	5	15	32	40	141	311	357	343	464	573	412	316	204	142	70	34	25	21	8	2	0	573	0	146
28	0	0	0	4	14	44	114	171	197	230	269	160	125	65	65	103	160	126	109	76	44	10	1	0	269	0	87
29	0	0	5	16	38	49	64	143	261	476	439	338	508	663	669	421	589	435	160	58	51	21	8	0	669	0	225
30	0	0	0	2	6	14	35	52	90	116	145	277	436	536	453	270	360	80	180	143	39	3	5	0	536	0	135
Max	1	1	9	29	113	213	335	496	525	651	744	841	836	826	725	687	591	457	341	248	152	44	11	3	841		
Min	0	0	0	0	6	14	35	21	64	63	63	88	125	65	52	45	16	38	31	25	8	0	0	0		0	
Avg.	0	0	3	16	47	98	160	225	314	395	416	439	482	446	393	368	336	216	180	119	61	21	5	0			198
																									Max Daily Mean		316
																									Min Daily Mean		80

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	1	3	20	16	114	157	207	365	639	697	208	79	191	396	265	328	291	24	23	14	4	1	697	0	168
2	0	1	2	6	22	70	186	198	207	301	359	477	472	424	593	398	554	23	61	202	130	36	10	0	593	0	197
3	0	0	1	5	26	51	39	147	164	169	295	462	531	312	269	169	147	98	50	97	90	21	4	0	531	0	131
4	0	0	0	6	20	36	37	42	53	98	115	114	134	166	137	199	210	254	242	189	74	24	7	0	254	0	90
5	0	0	2	20	100	189	286	389	471	517	637	435	160	198	481	333	332	407	177	189	98	19	6	0	637	0	227
6	0	0	1	12	76	150	270	389	491	247	625	338	386	381	393	523	459	88	125	80	74	29	7	0	625	0	214
7	0	0	2	18	78	168	269	378	447	414	507	400	378	355	203	373	332	164	159	50	17	2	1	0	507	0	196
8	0	0	1	20	88	202	158	157	410	486	388	395	561	776	598	384	593	521	355	248	123	16	4	0	776	0	270
9	0	0	1	13	92	181	288	399	502	599	639	674	601	233	557	408	318	445	280	179	64	40	11	0	674	0	272
10	0	0	0	2	4	14	26	32	40	57	102	110	106	143	225	162	89	91	93	39	16	6	1	0	225	0	57
11	0	0	0	1	8	16	74	106	116	190	258	624	700	790	715	559	395	455	323	220	104	28	4	0	790	0	237
12	0	0	2	18	107	149	272	396	427	354	525	577	583	462	527	755	490	327	167	93	57	19	3	0	755	0	263
13	0	0	0	3	12	36	85	254	298	435	467	512	384	452	506	355	334	395	252	247	84	18	2	0	512	0	214
14	0	0	1	11	35	112	281	238	433	414	516	693	528	424	475	479	417	226	286	138	60	12	1	0	693	0	241
15	0	0	0	4	26	111	195	278	403	540	570	661	337	289	364	152	139	110	72	36	15	6	0	0	661	0	179
16	0	0	0	0	2	13	20	34	51	55	49	64	87	79	104	79	36	54	57	23	15	6	1	0	104	0	34
17	0	0	0	3	26	75	99	345	317	256	345	277	251	307	369	282	344	325	202	97	42	12	0	0	369	0	166
18	0	0	0	4	20	42	68	186	140	239	211	191	307	259	206	224	140	180	75	35	12	3	0	0	307	0	106
19	0	0	0	0	3	9	15	27	36	46	43	43	57	122	186	229	101	69	45	26	4	2	0	0	229	0	44
20	0	0	0	0	5	14	53	80	173	260	275	407	535	488	647	611	491	403	251	125	35	7	0	0	647	0	202
21	0	0	0	1	20	31	65	126	119	227	258	323	372	349	263	216	109	124	79	37	16	3	0	0	372	0	114
22	0	0	0	3	14	64	230	317	268	370	405	344	437	250	125	213	302	241	198	206	84	15	1	0	437	0	170
23	0	0	0	1	9	31	92	172	118	156	254	244	321	399	366	668	319	256	167	81	43	21	1	0	668	0	155
24	0	0	0	1	20	62	105	164	205	131	218	114	134	209	194	228	233	185	233	96	33	10	0	0	233	0	107
25	0	0	0	1	10	20	37	115	132	195	366	438	341	380	371	301	332	386	273	165	63	9	0	0	438	0	164
26	0	0	0	3	28	113	205	313	416	511	591	645	520	486	527	653	577	411	233	172	61	9	0	0	653	0	270
27	0	0	0	4	28	33	112	300	226	516	592	645	672	671	645	598	488	388	280	110	56	6	0	0	672	0	265
28	0	0	0	2	20	96	177	324	422	495	599	611	664	678	597	378	496	373	268	166	61	8	0	0	678	0	268
29	0	0	0	1	23	93	144	143	170	352	342	438	509	703	244	512	293	263	194	164	34	5	0	0	703	0	193
30	0	0	0	1	22	73	167	325	431	530	636	691	697	677	694	617	508	380	238	166	51	5	0	0	697	0	288
31	0	0	0	0	9	35	59	131	212	301	346	529	507	290	419	393	500	377	161	131	48	3	0	0	529	0	185
Max	0	1	2	20	107	202	288	399	502	599	639	697	700	790	715	755	593	521	355	248	130	40	11	1	790		
Min	0	0	0	0	2	9	15	27	36	46	43	43	57	79	104	79	36	23	45	23	4	2	0	0		0	
Avg.	0	0	0	5	31	74	136	215	261	317	393	425	403	381	393	382	334	269	190	123	54	13	2	0			183
																									Max Daily Mean		288
																									Min Daily Mean		34

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	1	14	43	218	327	404	462	474	502	188	195	247	212	461	277	187	87	20	1	0	0	502	0	180
2	0	0	0	0	7	49	125	169	286	232	556	430	262	249	233	194	133	83	71	42	7	0	0	0	556	0	130
3	0	0	0	0	3	20	84	96	136	210	219	311	163	162	111	212	81	73	93	67	33	5	0	0	311	0	87
4	0	0	0	0	11	51	93	141	192	319	366	304	286	328	159	179	143	94	74	34	13	1	0	0	366	0	116
5	0	0	0	0	8	41	87	256	237	332	330	347	396	547	617	240	71	210	293	107	26	2	0	0	617	0	173
6	0	0	0	0	9	34	53	108	153	251	272	153	170	383	276	175	229	201	57	61	31	3	0	0	383	0	109
7	0	0	0	0	7	42	65	155	426	506	573	636	709	254	352	242	292	176	228	35	9	1	0	0	709	0	196
8	0	0	0	0	5	36	65	101	158	181	263	300	434	420	466	365	324	208	90	54	19	0	0	0	466	0	145
9	0	0	0	0	1	18	71	151	231	156	224	388	237	347	517	566	459	326	216	107	17	0	0	0	566	0	168
10	0	0	0	0	5	33	87	232	334	437	513	565	665	598	481	492	380	298	172	89	21	0	0	0	665	0	225
11	0	0	0	0	4	29	67	235	337	434	516	594	571	485	576	557	227	185	111	45	12	0	0	0	594	0	208
12	0	0	0	0	2	24	66	116	186	267	389	585	436	198	263	230	81	55	74	58	15	0	0	0	585	0	127
13	0	0	0	0	2	30	73	168	220	403	464	535	412	212	310	490	397	309	191	89	10	0	0	0	535	0	180
14	0	0	0	0	3	21	39	202	353	450	525	574	637	623	599	441	335	243	104	77	9	0	0	0	637	0	218
15	0	0	0	0	3	20	42	211	273	396	498	574	585	461	344	368	256	179	80	72	6	0	0	0	585	0	182
16	0	0	0	0	1	18	53	124	151	216	254	410	574	363	468	376	349	321	188	80	6	0	0	0	574	0	165
17	0	0	0	0	2	35	48	85	144	192	210	269	319	249	304	272	160	133	114	76	6	0	0	0	319	0	109
18	0	0	0	0	1	13	27	131	356	450	439	446	499	535	517	444	285	140	79	31	2	0	0	0	535	0	183
19	0	0	0	0	0	12	28	130	260	472	381	600	665	667	556	487	395	268	166	63	3	0	0	0	667	0	215
20	0	0	0	0	0	12	27	45	82	112	247	341	429	389	163	174	193	81	35	7	0	0	0	0	429	0	97
21	0	0	0	0	0	8	23	45	90	117	183	125	177	285	173	203	181	270	66	30	2	0	0	0	285	0	82
22	0	0	0	0	0	10	28	66	336	433	510	559	578	568	528	458	387	315	172	59	4	0	0	0	578	0	209
23	0	0	0	0	0	9	24	50	331	408	491	236	425	399	411	354	264	118	52	33	2	0	0	0	491	0	150
24	0	0	0	0	0	9	49	66	315	404	398	420	478	461	407	315	107	47	17	4	0	0	0	0	478	0	146
25	0	0	0	0	0	8	14	32	113	130	99	87	115	199	259	367	215	128	80	19	1	0	0	0	367	0	78
26	0	0	0	0	0	4	14	28	59	119	144	132	165	227	170	70	88	69	27	3	0	0	0	0	227	0	55
27	0	0	0	0	0	1	11	60	113	117	163	183	210	246	187	169	317	185	61	4	0	0	0	0	317	0	85
28	0	0	0	0	0	5	30	85	153	288	233	368	259	247	296	298	193	207	49	20	0	0	0	0	368	0	114
29	0	0	0	0	0	6	47	92	173	332	262	469	503	389	394	219	187	120	55	18	0	0	0	0	503	0	136
30	0	0	0	0	0	4	29	69	93	242	442	427	530	502	515	360	291	230	66	16	0	0	0	0	530	0	159
31	0	0	0	0	0	1	15	66	146	131	275	376	338	370	253	384	223	139	77	12	0	0	0	0	384	0	117
Max	0	0	0	1	14	51	218	327	426	506	573	636	709	667	617	566	461	326	293	107	33	5	0	0	709		
Min	0	0	0	0	0	1	11	28	59	112	99	87	115	162	111	70	71	47	17	3	0	0	0	0		0	
Avg.	0	0	0	0	3	21	55	124	221	297	352	395	400	373	360	320	248	183	108	48	9	0	0	0			147
																									Max Daily Mean		225
																									Min Daily Mean		55

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Airstrip Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	21	61	68	149	134	130	130	94	66	46	78	67	19	1	0	0	0	0	149	0	44
2	0	0	0	0	0	2	32	79	138	207	427	435	480	477	344	311	211	111	40	12	0	0	0	0	480	0	138
3	0	0	0	0	0	3	39	82	153	109	99	133	84	85	129	89	94	49	29	2	0	0	0	0	153	0	49
4	0	0	0	0	0	2	30	73	165	270	375	343	447	475	376	222	130	73	18	1	0	0	0	0	475	0	125
5	0	0	0	0	0	2	16	28	101	304	341	416	413	397	206	89	40	29	20	6	0	0	0	0	416	0	100
6	0	0	0	0	0	0	17	39	57	84	209	129	294	382	180	175	126	62	31	3	0	0	0	0	382	0	74
7	0	0	0	0	0	1	18	51	76	111	134	219	274	308	184	179	269	110	28	2	0	0	0	0	308	0	82
8	0	0	0	0	0	0	16	32	53	347	446	578	527	414	435	95	114	41	26	6	0	0	0	0	578	0	130
9	0	0	0	0	0	0	15	66	67	312	358	434	512	409	238	173	284	173	40	2	0	0	0	0	512	0	128
10	0	0	0	0	0	0	16	52	98	177	212	262	320	468	216	86	60	37	17	1	0	0	0	0	468	0	84
11	0	0	0	0	0	0	9	21	29	304	415	464	459	452	402	119	140	83	28	1	0	0	0	0	464	0	122
12	0	0	0	0	0	0	16	52	115	361	321	366	321	218	188	122	107	66	22	1	0	0	0	0	366	0	95
13	0	0	0	0	0	0	6	34	51	90	128	168	152	150	138	98	45	29	11	0	0	0	0	0	168	0	46
14	0	0	0	0	0	0	7	33	76	96	174	165	152	128	107	162	147	91	25	0	0	0	0	0	174	0	57
15	0	0	0	0	0	0	6	28	83	204	213	227	273	241	182	168	76	30	5	0	0	0	0	0	273	0	72
16	0	0	0	0	0	0	0	5	32	67	75	162	175	227	213	109	32	8	2	0	0	0	0	0	227	0	46
17	0	0	0	0	0	0	9	49	40	243	302	239	192	216	173	205	85	90	16	0	0	0	0	0	302	0	77
18	0	0	0	0	0	0	6	48	80	140	143	127	108	95	81	147	68	59	9	0	0	0	0	0	147	0	46
19	0	0	0	0	0	0	1	9	43	98	114	243	255	198	123	96	85	46	4	0	0	0	0	0	255	0	55
20	0	0	0	0	0	0	2	24	43	80	97	76	106	131	107	102	140	36	5	0	0	0	0	0	140	0	40
21	0	0	0	0	0	0	2	33	90	103	327	391	407	309	293	280	94	60	5	0	0	0	0	0	407	0	100
22	0	0	0	0	0	0	3	24	83	123	168	175	175	197	130	108	39	11	1	0	0	0	0	0	197	0	52
23	0	0	0	0	0	0	3	17	34	108	206	338	364	204	177	78	60	39	3	0	0	0	0	0	364	0	68
24	0	0	0	0	0	0	0	16	89	112	90	114	204	336	302	251	158	44	2	0	0	0	0	0	336	0	72
25	0	0	0	0	0	0	0	17	63	74	204	317	409	360	242	151	83	48	3	0	0	0	0	0	409	0	82
26	0	0	0	0	0	0	0	9	25	58	201	269	385	357	312	242	147	34	1	0	0	0	0	0	385	0	85
27	0	0	0	0	0	0	0	11	76	95	134	178	173	200	193	237	147	33	1	0	0	0	0	0	237	0	62
28	0	0	0	0	0	0	0	12	62	50	111	131	155	170	145	101	45	12	0	0	0	0	0	0	170	0	41
29	0	0	0	0	0	0	1	30	70	90	124	182	284	213	176	147	74	17	0	0	0	0	0	0	284	0	59
30	0	0	0	0	0	0	0	9	63	96	81	120	96	134	112	78	37	11	0	0	0	0	0	0	134	0	35
Max	0	0	0	0	0	3	39	82	165	361	446	578	527	477	435	311	284	173	40	12	0	0	0	0	578		
Min	0	0	0	0	0	0	0	5	25	50	75	76	84	85	66	46	32	8	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	10	35	74	155	212	251	278	268	206	149	107	53	14	1	0	0	0	0			76
																									Max Daily Mean		138
																									Min Daily Mean		35

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

PRG Meteorological Data

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.2	0.4	0.3	-0.7	-0.7	-1.3	-1.8	-1.4	-0.9	0.0	0.9	3.3	4.5	5.4	5.5	5.5	5.5	5.6	5.5	5.5	5.1	5.3	5.3	5.0	5.6	-1.8	2.6
2	5.5	5.8	5.6	5.0	4.8	4.8	4.4	4.7	5.4	6.4	7.2	8.3	8.9	8.4	8.2	7.7	7.3	6.8	6.3	6.2	5.9	5.9	4.7	4.8	8.9	4.4	6.2
3	5.2	5.0	5.2	5.4	4.7	3.7	3.7	4.0	4.2	4.9	5.9	6.5	6.8	6.9	7.1	6.6	5.4	5.0	3.9	3.2	2.2	0.9	0.6	0.8	7.1	0.6	4.5
4	0.4	0.2	-0.1	-0.3	-0.1	-1.0	-1.3	-1.2	-1.0	OutCal	OutCal	OutCal	OutCal	4.0	4.8	4.7	3.7	3.0	2.5	2.2	1.6	1.3	0.6	0.7	4.8	-1.3	1.2
5	0.0	-0.5	0.0	-0.2	-0.7	-1.6	-1.9	-3.3	-3.1	-2.7	1.1	3.2	4.5	5.3	5.8	5.9	5.3	4.6	3.9	3.6	3.3	3.1	2.7	2.6	5.9	-3.3	1.7
6	0.9	0.1	0.7	0.3	-0.7	-1.3	-1.8	-2.4	-1.4	-0.6	1.0	3.1	5.4	6.2	6.5	6.3	6.1	5.6	5.5	5.4	5.0	4.7	2.8	2.2	6.5	-2.4	2.5
7	1.9	1.5	1.8	1.2	0.4	-0.4	-0.6	-1.1	-1.2	-1.1	0.3	0.5	1.5	3.2	4.2	4.7	4.0	3.9	3.6	2.6	1.7	1.2	0.5	-0.1	4.7	-1.2	1.4
8	-0.1	-0.4	-0.1	0.4	-0.1	-0.1	-0.9	-1.1	-1.1	-0.5	1.1	2.6	3.0	3.4	3.9	3.8	3.5	3.2	2.8	2.5	2.0	1.7	0.7	-0.2	3.9	-1.1	1.3
9	-0.4	-0.7	-1.1	-1.6	-2.0	-2.3	-2.5	-2.8	-2.8	-2.4	-1.7	-0.9	0.3	2.1	2.7	2.7	2.8	2.4	1.7	1.2	0.3	-1.0	-1.7	-2.9	2.8	-2.9	-0.4
10	-3.0	-3.2	-4.0	-4.2	-4.5	-5.7	-6.5	-7.0	-6.5	-5.4	-4.5	-3.4	-2.9	-2.3	-1.7	-1.4	-1.7	-2.0	-2.3	-2.4	-2.5	-2.5	-2.6	-2.6	-1.4	-7.0	-3.5
11	-2.6	-2.9	-3.0	-3.5	-3.7	-3.7	-3.8	-3.9	-3.9	-3.8	-3.5	-2.4	-1.2	-0.8	-0.6	-0.6	-1.2	-1.8	-2.4	-2.9	-3.2	-3.3	-3.5	-3.8	-0.6	-3.9	-2.8
12	-4.1	-4.4	-4.6	-4.9	-4.9	-5.1	-5.2	-5.3	-5.7	-5.8	-5.8	-4.4	-3.5	-2.9	-2.8	-2.9	-3.3	-4.6	-5.1	-5.4	-5.7	-5.8	-5.9	-6.6	-2.8	-6.6	-4.8
13	-7.3	-7.9	-9.2	-10.1	-9.9	-10.3	-10.0	-10.1	-9.3	-8.4	-8.1	-7.3	-6.1	-4.9	-4.1	-3.8	-3.5	-3.5	-3.9	-3.9	-3.9	-4.0	-4.4	-3.5	-3.5	-10.3	-6.6
14	-4.2	-5.4	-4.0	-4.4	-3.2	-3.8	-3.0	-1.1	-0.7	0.1	0.4	0.9	2.1	3.0	3.2	3.5	3.4	3.3	3.0	2.6	2.8	2.1	1.6	2.1	3.5	-5.4	0.2
15	1.3	1.9	1.5	1.6	-0.9	-0.6	-0.5	1.1	1.4	2.5	2.6	3.2	2.9	4.1	4.5	3.8	2.9	2.7	2.4	1.7	0.7	-0.1	-0.4	-0.4	4.5	-0.9	1.7
16	-0.7	-1.0	-1.3	-2.0	-1.8	-2.2	-2.6	-2.6	-3.1	-2.7	-2.2	-0.9	0.3	1.0	1.4	1.1	0.8	0.4	0.0	-0.5	-1.1	-1.2	-1.5	-1.8	1.4	-3.1	-1.0
17	-1.7	-2.7	-2.9	-3.1	-2.9	-2.8	-3.4	-3.5	-2.9	-2.2	-2.0	-2.2	-1.6	-1.1	-0.8	-0.6	-0.5	-0.6	-0.8	-1.2	-1.5	-2.4	-3.0	-3.0	-0.5	-3.5	-2.1
18	-3.5	-4.0	-4.4	-4.5	-5.0	-4.1	-3.6	-2.5	-3.5	-3.1	-3.1	-2.9	-2.6	-1.5	-1.7	-1.8	-2.3	-2.8	-3.2	-3.5	-3.9	-4.1	-4.3	-4.5	-1.5	-5.0	-3.4
19	-4.6	-4.8	-4.9	-5.1	-5.3	-5.4	-5.4	-5.5	-6.0	-5.7	-5.6	-5.3	-4.8	-4.3	-4.1	-4.2	-4.5	-4.7	-4.8	-5.3	-5.9	-6.8	-7.3	-7.8	-4.1	-7.8	-5.3
20	-7.9	-9.6	-9.3	-9.7	-10.1	-10.1	-10.0	-10.1	-10.3	-10.1	-9.1	-7.6	-5.7	-4.1	-3.6	-3.8	-3.6	-4.1	-4.4	-5.2	-5.7	-8.1	-8.7	-9.8	-3.6	-10.3	-7.5
21	-9.4	-10.4	-10.8	-11.1	-11.3	-11.2	-11.5	-11.9	-11.5	-10.8	-9.7	-8.2	-6.8	-5.2	-3.0	-2.5	-2.7	-2.6	-3.2	-4.0	-6.3	-6.7	-7.5	-8.6	-2.5	-11.9	-7.8
22	-8.9	-9.4	-10.0	-10.2	-10.3	-10.6	-10.4	-10.5	-10.6	-10.0	-8.9	-7.8	-5.9	-4.7	-3.5	-3.1	-3.9	-3.9	-4.7	-5.4	-6.2	-7.3	-7.9	-9.1	-3.1	-10.6	-7.6
23	-8.5	-9.1	-8.7	-9.5	-9.8	-9.9	-9.5	-9.9	-9.7	-9.1	-9.0	-8.3	-7.5	-6.2	-5.5	-5.2	-5.0	-4.9	-5.3	-4.9	-5.1	-5.6	-5.7	-5.9	-4.9	-9.9	-7.4
24	-6.1	-5.8	-6.4	-7.1	-7.7	-7.4	-8.2	-8.9	-9.3	-9.3	-9.0	-8.4	-7.3	-5.6	-5.2	-4.6	-4.4	-4.6	-4.3	-3.2	-4.2	-3.5	-3.3	-3.1	-3.1	-9.3	-6.1
25	-1.8	-0.5	-0.6	1.1	2.7	2.7	3.9	3.9	4.6	4.8	5.0	4.5	5.0	4.1	3.2	2.1	1.0	0.6	0.5	0.5	0.3	0.9	0.9	0.5	5.0	-1.8	2.1
26	0.0	-0.7	-1.2	-1.1	-0.9	-1.2	-1.9	-2.7	-2.7	-2.9	-2.9	-3.3	-3.4	-3.1	-3.4	-4.0	-4.6	-5.1	-5.5	-5.7	-6.0	-6.0	-6.0	-6.0	0.0	-6.0	-3.3
27	-6.6	-6.7	-7.2	-7.9	-8.4	-8.6	-9.5	-10.1	-10.6	-10.8	-10.8	-10.6	-9.6	-7.9	-7.3	-7.6	-8.2	-8.8	-9.2	-10.1	-10.6	-11.3	-12.0	-12.4	-6.6	-12.4	-9.3
28	-12.5	-12.7	-13.0	-13.3	-13.6	-13.2	-13.1	-13.5	-13.3	-11.9	-11.6	-8.9	-5.3	-3.6	-3.2	-4.0	-5.3	-5.6	-6.1	-6.8	-6.3	-4.5	-4.7	-4.7	-3.2	-13.6	-8.8
29	-5.2	-6.7	-6.7	-6.2	-6.8	-6.6	-6.5	-7.7	-6.1	-5.7	-4.8	-3.9	-2.5	-2.3	-2.1	-2.2	-2.7	-3.4	-4.8	-5.8	-7.0	-8.5	-8.5	-8.2	-2.1	-8.5	-5.5
30	-8.5	-8.4	-7.7	-8.1	-8.9	-10.3	-10.4	-10.8	-10.9	-10.9	-10.7	-10.3	-9.9	-9.7	-10.0	-10.2	-10.4	-10.5	-10.8	-10.8	-11.1	-11.3	-11.3	-11.7	-7.7	-11.7	-10.2
31	-11.7	-11.9	-12.2	-12.2	-12.7	-12.8	-13.4	-14.4	-15.0	-15.3	-15.1	-14.9	-14.6	-14.3	-14.1	-13.7	-13.7	-14.3	-14.9	-14.6	-14.8	-15.4	-15.4	-16.1	-11.7	-16.1	-14.1
Max	5.5	5.8	5.6	5.4	4.8	4.8	4.4	4.7	5.4	6.4	7.2	8.3	8.9	8.4	8.2	7.7	7.3	6.8	6.3	6.2	5.9	5.9	5.3	5.0	8.9		
Min	-12.5	-12.7	-13.0	-13.3	-13.6	-13.2	-13.4	-14.4	-15.0	-15.3	-15.1	-14.9	-14.6	-14.3	-14.1	-13.7	-13.7	-14.3	-14.9	-14.6	-14.8	-15.4	-15.4	-16.1		-16.1	
Avg.	-3.3	-3.7	-3.8	-4.1	-4.3	-4.6	-4.7	-4.9	-4.8	-4.4	-3.8	-2.9	-1.9	-0.9	-0.5	-0.6	-1.0	-1.3	-1.7	-2.1	-2.6	-3.0	-3.4	-3.7			-3.0
																									Max Daily Mean		6.2
																									Min Daily Mean		-14.1

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-16.0	-15.6	-16.4	-16.8	-17.4	-17.1	-17.0	-16.8	-15.3	-14.9	-14.0	-14.1	-13.6	-14.0	-14.2	-14.5	-15.0	-15.2	-15.3	-15.6	-16.1	-15.7	-15.8	-16.2	-13.6	-17.4	-15.5
2	-16.1	-17.2	-19.9	-22.1	-22.6	-22.2	-22.2	-22.4	-23.8	-23.5	-22.8	-22.9	-21.1	-19.9	-19.4	-18.9	-19.3	-19.0	-19.6	-18.7	-19.8	-19.6	-20.5	-19.7	-16.1	-23.8	-20.6
3	-21.9	-21.0	-20.7	-20.5	-20.3	-19.3	-18.9	-17.1	-14.4	-12.0	-11.2	-11.0	-10.5	-9.8	-9.3	-9.0	-8.8	-8.2	-7.4	-7.7	-7.5	-7.2	-7.1	-6.8	-6.8	-21.9	-12.8
4	-7.3	-6.8	-6.8	-7.1	-7.2	-7.4	-6.8	-6.5	-6.9	-7.3	-7.5	-7.5	-7.7	-7.5	-7.5	-7.5	-7.5	-7.8	-8.5	-8.2	-8.1	-9.0	-9.8	-10.4	-6.5	-10.4	-7.7
5	-10.9	-11.7	-12.1	-12.5	-12.6	-12.9	-12.9	-13.0	-13.8	-13.9	-14.7	-14.3	-14.3	-14.5	-14.5	-14.7	-15.3	-14.3	-15.4	-16.0	-17.6	-17.3	-16.1	-13.1	-10.9	-17.6	-14.1
6	-12.2	-11.3	-10.7	-10.4	-9.9	-9.9	-9.4	-9.5	-9.1	-9.1	-9.1	-7.7	-7.3	-7.1	-6.7	-6.9	-8.5	-9.6	-9.1	-9.8	-9.9	-10.0	-10.6	-10.8	-6.7	-12.2	-9.4
7	-11.2	-11.2	-11.0	-9.7	-10.4	-11.8	-12.4	-13.0	-12.9	-13.1	-13.2	-13.1	-13.2	-13.3	-13.4	-13.5	-13.7	-13.9	-14.2	-14.4	-14.9	-15.5	-15.7	-15.8	-9.7	-15.8	-13.1
8	-15.9	-16.0	-16.3	-16.4	-16.4	-16.6	-16.7	-17.0	-17.4	-17.1	-16.9	-16.6	-16.2	-16.2	-16.2	-16.9	-17.1	-18.1	-19.6	-20.9	-21.0	-22.1	-22.4	-23.5	-15.9	-23.5	-17.9
9	-23.5	-23.1	-23.5	-22.3	-22.2	-21.3	-20.2	-19.7	-19.1	-19.0	-18.4	-17.8	-16.6	-16.3	-15.9	-15.5	-15.4	-15.5	-15.5	-15.2	-15.2	-15.1	-14.8	-13.9	-13.9	-23.5	-18.1
10	-14.2	-14.1	-13.8	-12.9	-13.5	-13.4	-13.7	-14.3	-14.1	-14.7	-13.9	-12.0	-11.0	-11.2	-10.2	-9.3	-10.2	-9.5	-8.8	-9.3	-10.1	-10.0	-8.8	-8.5	-8.5	-14.7	-11.7
11	-8.4	-8.7	-8.7	-8.7	-8.8	-8.9	-8.8	-8.6	-8.9	-10.2	-10.8	-10.3	-10.3	-9.7	-9.5	-9.8	-10.1	-10.3	-10.5	-10.7	-10.7	-10.7	-11.0	-11.1	-8.4	-11.1	-9.8
12	-10.9	-10.8	-10.9	-10.6	-10.7	-11.2	-11.0	-11.3	-12.1	-12.8	-13.5	-13.2	-12.6	-12.5	-12.3	-12.1	-12.2	-12.1	-11.9	-12.0	-11.9	-12.0	-11.9	-12.0	-10.6	-13.5	-11.9
13	-12.0	-12.1	-12.0	-12.3	-10.7	-10.0	-10.0	-9.8	-9.7	-9.8	-10.0	-10.0	-10.1	-10.3	-10.4	-10.6	-10.9	-11.0	-11.4	-11.6	-11.5	-11.6	-12.1	-12.3	-9.7	-12.3	-10.9
14	-12.5	-13.3	-14.3	-15.4	-16.0	-16.9	-17.2	-17.5	-18.5	-19.2	-18.9	-18.9	-18.1	-18.1	-18.2	-18.3	-18.9	-19.1	-20.1	-19.9	-20.1	-20.0	-20.0	-20.4	-12.5	-20.4	-17.9
15	-20.7	-21.4	-21.7	-22.1	-22.9	-23.7	-24.2	-24.6	-25.0	-25.3	-25.2	-25.8	-25.3	-25.9	-26.1	-26.4	-26.7	-27.1	-27.5	-27.9	-28.1	-28.5	-29.4	-30.1	-20.7	-30.1	-25.5
16	-30.3	-30.3	-30.8	-31.5	-31.4	-31.8	-32.3	-31.7	-31.5	-31.3	-31.1	-30.9	-30.6	-29.9	-30.2	-29.7	-29.7	-30.6	-30.6	-30.9	-31.5	-30.7	-30.8	-31.5	-29.7	-32.3	-30.9
17	-30.7	-31.5	-31.0	-30.9	-31.5	-31.3	-30.9	-30.5	-30.7	-30.9	-30.6	-29.8	-29.2	-28.9	-28.2	-27.5	-28.6	-28.5	-28.5	-28.0	-27.9	-27.8	-27.6	-26.7	-26.7	-31.5	-29.5
18	-26.8	-26.5	-25.9	-25.4	-26.1	-25.3	-24.8	-25.2	-25.5	-25.2	-24.4	-24.9	-24.3	-23.6	-23.3	-23.3	-23.8	-24.8	-25.0	-24.6	-25.4	-25.3	-25.8	-26.9	-23.3	-26.9	-25.1
19	-26.6	-27.3	-27.9	-28.2	-28.7	-28.6	-28.9	-28.5	-28.8	-27.8	-27.1	-27.9	-27.8	-27.0	-25.9	-25.3	-24.8	-25.0	-24.7	-24.9	-24.3	-24.1	-24.0	-23.9	-23.9	-28.9	-26.6
20	-23.8	-23.8	-24.5	-24.5	-25.0	-25.2	-25.6	-25.7	-26.1	-26.4	-26.8	-26.3	-26.2	-26.7	-26.0	-25.7	-26.3	-27.2	-27.8	-28.4	-29.0	-29.5	-29.2	-29.9	-23.8	-29.9	-26.5
21	-29.9	-30.1	-30.3	-31.0	-30.8	-31.4	-31.7	-31.7	-32.0	-31.7	-31.1	-31.0	-31.1	-30.9	-30.9	-31.5	-32.0	-32.0	-32.4	-32.2	-31.9	-31.7	-32.0	-31.9	-29.9	-32.4	-31.4
22	-31.6	-30.9	-30.8	-29.0	-26.7	-26.1	-26.3	-25.5	-25.7	-23.8	-23.0	-22.8	-21.4	-20.6	-20.2	-20.5	-20.3	-20.4	-19.7	-19.2	-18.9	-19.2	-18.6	-18.1	-18.1	-31.6	-23.3
23	-17.8	-18.1	-17.9	-17.7	-17.8	-18.0	-18.3	-18.4	-18.0	-18.4	-18.4	-17.9	-18.1	-18.1	-18.8	-19.2	-19.8	-20.6	-20.3	-20.6	-20.2	-19.6	-19.6	-20.2	-17.7	-20.6	-18.8
24	-21.3	-21.1	-20.6	-21.0	-21.3	-21.5	-21.8	-21.5	-22.2	-22.2	-21.8	-22.3	-21.6	-22.4	-21.1	-21.8	-21.9	-21.3	-21.3	-21.4	-22.2	-21.4	-21.4	-21.3	-20.6	-22.4	-21.6
25	-20.9	-20.8	-20.7	-20.9	-21.0	-21.1	-21.6	-21.6	-22.5	-23.2	-24.0	-24.4	-24.6	-23.3	-23.4	-23.2	-23.2	-23.2	-23.4	-23.2	-21.5	-21.7	-21.7	-22.1	-20.7	-24.6	-22.4
26	-23.0	-22.7	-23.6	-24.3	-24.3	-24.4	-25.6	-25.5	-25.5	-25.7	-25.8	-25.5	-25.6	-24.9	-25.0	-25.8	-26.3	-26.6	-26.0	-25.6	-26.1	-26.1	-26.0	-25.1	-22.7	-26.6	-25.2
27	-26.3	-24.9	-25.8	-25.4	-25.6	-26.1	-25.4	-25.4	-24.4	-24.8	-23.6	-23.6	-23.0	-23.0	-22.0	-22.0	-22.0	-22.1	-22.3	-22.6	-22.9	-22.3	-21.8	-20.9	-20.9	-26.3	-23.7
28	-20.2	-19.7	-19.8	-20.0	-19.8	-19.4	-18.8	-18.6	-18.7	-18.9	-19.0	-19.0	-19.2	-19.8	-18.8	-18.7	-19.0	-20.0	-21.2	-19.2	-19.9	-20.3	-19.4	-19.5	-18.6	-21.2	-19.5
29	-19.5	-19.6	-20.0	-18.7	-18.6	-18.6	-19.0	-19.0	-18.4	-18.4	-18.9	-19.0	-19.4	-19.9	-19.2	-19.3	-20.2	-20.5	-19.8	-20.2	-19.6	-19.2	-18.5	-17.7	-17.7	-20.5	-19.2
30	-15.8	-10.5	-9.1	-9.4	-7.5	-6.2	-5.3	-5.2	-5.5	-6.0	-7.4	-9.6	-9.9	-10.9	-11.5	-11.3	-11.8	-10.0	-10.6	-9.3	-7.3	-5.8	-5.1	-4.4	-4.4	-15.8	-8.6
Max	-7.3	-6.8	-6.8	-7.1	-7.2	-6.2	-5.3	-5.2	-5.5	-6.0	-7.4	-7.5	-7.3	-7.1	-6.7	-6.9	-7.5	-7.8	-7.4	-7.7	-7.3	-5.8	-5.1	-4.4	-4.4		
Min	-31.6	-31.5	-31.0	-31.5	-31.5	-31.8	-32.3	-31.7	-32.0	-31.7	-31.1	-31.0	-31.1	-30.9	-30.9	-31.5	-32.0	-32.0	-32.4	-32.2	-31.9	-31.7	-32.0	-31.9		-32.4	
Avg.	-19.3	-19.1	-19.3	-19.3	-19.3	-19.3	-19.3	-19.2	-19.2	-19.2	-19.1	-19.0	-18.7	-18.5	-18.3	-18.3	-18.6	-18.8	-18.9	-18.9	-19.0	-19.0	-18.9	-18.8			-19.0
																									Max Daily Mean		-7.7
																									Min Daily Mean		-31.4

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-4.2	-4.6	-7.2	-7.0	-6.0	-5.4	-5.6	-5.1	-5.2	-6.2	-6.7	-6.5	-6.3	-6.8	-6.6	-7.1	-7.6	-7.7	-7.9	-8.4	-8.2	-7.7	-8.1	-8.4	-4.2	-8.4	-6.7
2	-8.2	-8.0	-8.6	-8.6	-8.8	-8.8	-8.3	-7.5	-7.5	-7.0	-6.3	-6.1	-6.1	-6.0	-6.0	-5.8	-5.7	-5.8	-6.2	-6.8	-7.4	-7.9	-8.1	-8.3	-5.7	-8.8	-7.2
3	-8.1	-7.8	-7.7	-8.0	-8.8	-8.9	-10.1	-10.8	-11.4	-11.5	-8.5	-6.2	-4.8	-4.2	-3.4	-2.8	-2.9	-2.4	-2.4	-2.0	-2.5	-0.8	-0.2	1.0	1.0	-11.5	-5.6
4	3.0	3.7	4.8	4.8	5.7	6.1	7.3	7.4	6.5	6.1	6.8	6.6	6.6	5.7	4.4	0.8	-2.1	-3.7	-4.0	-4.1	-4.1	-4.0	-4.0	-4.1	7.4	-4.1	2.3
5	-4.0	-4.4	-7.2	-8.4	-9.2	-9.6	-9.5	-9.5	-9.5	-9.7	-9.9	-10.0	-10.1	-10.5	-11.0	-11.3	-11.5	-11.4	-11.0	-10.6	-10.2	-10.0	-10.2	-10.4	-4.0	-11.5	-9.5
6	-10.9	-11.5	-11.7	-12.4	-12.8	-13.1	-13.5	-13.7	-13.8	-13.8	-13.9	-14.0	-14.1	-14.1	-14.4	-14.5	-14.5	-14.3	-14.8	-14.6	-14.5	-14.4	-14.4	-15.0	-10.9	-15.0	-13.7
7	-15.7	-15.8	-16.1	-17.0	-16.3	-16.3	-16.2	-15.9	-15.3	-13.3	-12.4	-11.2	-9.0	-8.0	-7.7	-8.0	-8.3	-9.4	-9.9	-10.3	-10.1	-10.7	-11.1	-11.4	-7.7	-17.0	-12.3
8	-11.4	-11.6	-11.5	-11.4	-11.3	-11.5	-11.8	-12.0	-12.0	-12.6	-12.6	-12.8	-12.7	-13.3	-13.5	-13.2	-12.9	-14.5	-14.1	-14.2	-14.7	-14.1	-15.2	-13.5	-11.3	-15.2	-12.9
9	-13.5	-13.4	-13.4	-13.3	-13.5	-12.8	-11.8	-11.4	-11.5	-11.7	-10.6	-10.5	-10.3	-9.7	-8.9	-9.4	-9.6	-9.6	-9.7	-7.4	-7.4	-6.4	-5.8	-5.7	-5.7	-13.5	-10.3
10	-6.0	-6.0	-6.0	-6.3	-6.5	-6.6	-7.2	-7.6	-8.1	-8.0	-8.2	-9.3	-9.8	-12.1	-12.8	-12.9	-12.3	-9.3	-8.2	-7.1	-6.9	-6.5	-5.7	-6.6	-5.7	-12.9	-8.2
11	-9.0	-8.3	-8.3	-8.6	-7.4	-7.7	-6.4	-6.9	-9.4	-9.4	-9.5	-7.5	-5.3	-4.2	-4.7	-4.5	-4.1	-4.0	-4.3	-4.9	-5.8	-6.4	-5.0	-5.3	-4.0	-9.5	-6.5
12	-4.2	-4.9	-5.0	-6.0	-6.5	-6.8	-6.9	-6.0	-5.4	-5.6	-5.4	-5.6	-5.7	-6.4	-7.0	-7.0	-6.8	-7.0	-6.9	-6.8	-6.8	-6.7	-6.8	-6.8	-4.2	-7.0	-6.2
13	-6.9	-7.0	-6.9	-7.0	-7.0	-7.3	-7.7	-7.9	-8.1	-8.2	-8.1	-8.3	-8.6	-8.9	-9.5	-9.7	-10.7	-11.3	-11.7	-11.2	-11.9	-11.5	-11.6	-11.4	-6.9	-11.9	-9.1
14	-11.7	-12.0	-12.6	-13.8	-14.5	-14.6	-15.0	-15.8	-16.6	-16.2	-16.1	-16.6	-17.1	-16.9	-17.1	-16.1	-15.6	-15.4	-14.8	-14.9	-14.9	-15.3	-15.8	-15.3	-11.7	-17.1	-15.2
15	-15.0	-15.1	-15.1	-15.3	-15.5	-15.4	-15.3	-14.8	-14.1	-13.6	-12.8	-11.1	-9.0	-8.2	-8.3	-7.5	-6.9	-6.5	-6.4	-7.4	-6.8	-6.8	-8.2	-8.3	-6.4	-15.5	-11.0
16	-7.3	-8.3	-9.8	-9.5	-9.8	-9.3	-10.0	-9.9	-10.3	-9.5	-10.5	-10.5	-10.2	-10.2	-11.1	-10.2	-10.3	-10.4	-11.1	-10.8	-10.4	-9.6	-9.2	-10.3	-7.3	-11.1	-9.9
17	-10.7	-11.1	-10.1	-10.9	-11.8	-12.1	-12.1	-11.3	-11.8	-11.2	-12.3	-11.7	-11.8	-11.5	-10.7	-10.5	-11.5	-10.7	-10.4	-11.6	-10.6	-10.1	-9.2	-7.6	-7.6	-12.3	-11.0
18	-6.1	-6.6	-4.5	-2.9	-2.3	-0.9	-1.0	-1.0	-1.1	-0.3	-0.7	-1.0	-1.0	-0.5	-0.6	-1.9	-1.9	-2.4	-3.7	-4.4	-4.3	-4.1	-6.2	-5.8	-0.3	-6.6	-2.7
19	-5.2	-4.5	-4.2	-4.5	-4.1	-3.6	-3.2	-3.2	-3.3	-3.6	-3.6	-3.9	-3.9	-4.2	-4.4	-4.9	-4.9	-5.1	-5.9	-6.2	-6.8	-7.5	-8.2	-8.6	-3.2	-8.6	-4.9
20	-8.8	-9.0	-9.3	-9.3	-9.9	-9.8	-10.4	-10.2	-9.5	-9.3	-9.7	-9.6	-10.6	-10.4	-11.4	-11.9	-12.4	-11.6	-10.2	-9.4	-7.7	-5.0	-3.5	-3.1	-3.1	-12.4	-9.3
21	-2.5	-1.4	-1.5	-1.5	-1.0	-1.2	-2.7	-4.1	-4.1	-3.7	-3.6	-4.0	-4.3	-5.3	-6.4	-6.4	-6.6	-6.7	-7.0	-7.5	-7.8	-8.6	-9.7	-11.2	-1.0	-11.2	-5.0
22	-11.9	-12.7	-12.7	-14.0	-13.6	-13.2	-14.4	-14.5	-14.4	-13.8	-12.9	-12.3	-12.5	-10.3	-8.6	-9.3	-9.8	-9.6	-9.6	-9.4	-9.6	-9.6	-9.6	-9.6	-8.6	-14.5	-11.6
23	-10.2	-10.9	-11.5	-12.8	-12.9	-12.7	-13.4	-13.9	-14.2	-14.6	-14.9	-14.9	-15.1	-15.3	-16.0	-16.3	-16.4	-16.4	-16.9	-17.2	-17.6	-18.5	-19.1	-19.9	-10.2	-19.9	-15.1
24	-20.0	-20.7	-20.6	-19.6	-19.2	-19.5	-19.7	-19.2	-19.0	-19.1	-19.5	-20.1	-20.9	-21.3	-21.5	-21.0	-21.5	-21.5	-21.0	-21.9	-22.6	-21.9	-22.3	-21.6	-19.0	-22.6	-20.6
25	-20.4	-19.4	-18.5	-18.2	-17.7	-17.2	-16.1	-14.0	-13.7	-13.8	-13.8	-13.3	-12.8	-12.8	-12.8	-12.9	-13.2	-13.2	-13.6	-13.6	-13.5	-14.1	-14.5	-15.2	-12.8	-20.4	-14.9
26	-15.9	-17.2	-17.6	-16.9	-19.0	-19.1	-19.8	-19.8	-20.2	-20.1	-19.4	-19.6	-18.8	-15.2	-12.9	-11.7	-11.5	-11.7	-10.8	-11.3	-11.7	-12.3	-12.8	-12.7	-10.8	-20.2	-15.8
27	-13.7	-13.5	-13.8	-14.1	-14.5	-14.8	-15.6	-16.2	-17.0	-17.1	-17.8	-17.7	-17.8	-17.7	-17.6	-17.8	-18.0	-17.5	-18.1	-19.6	-19.3	-19.5	-20.1	-20.4	-13.5	-20.4	-17.1
28	-20.3	-20.1	-20.2	-20.8	-20.0	-20.0	-20.3	-20.6	-21.0	-23.2	-25.1	-26.0	-26.4	-27.3	-27.4	-27.6	-27.6	-26.7	-26.5	-26.4	-26.3	-26.4	-26.2	-26.0	-20.0	-27.6	-24.1
29	-26.4	-26.0	-26.1	-26.0	-25.9	-25.8	-25.8	-25.6	-25.6	-26.1	-26.4	-26.8	-27.2	-27.2	-27.3	-27.3	-27.5	-27.4	-28.0	-28.6	-28.1	-28.7	-29.7	-29.8	-25.6	-29.8	-27.1
30	-29.8	-30.1	-28.8	-29.3	-30.2	-29.7	-29.9	-31.1	-30.7	-30.9	-30.4	-30.4	-31.4	-31.6	-31.4	-31.5	-31.8	-31.4	-32.4	-31.2	-31.8	-32.6	-31.3	-31.1	-28.8	-32.6	-30.9
31	-31.1	-30.7	-30.9	-30.9	-31.8	-31.2	-30.7	-31.2	-30.6	-30.6	-30.5	-30.0	-29.8	-29.8	-29.6	-28.6	-28.2	-28.3	-28.2	-28.0	-28.3	-28.7	-28.8	-28.7	-28.0	-31.8	-29.8
Max	3.0	3.7	4.8	4.8	5.7	6.1	7.3	7.4	6.5	6.1	6.8	6.6	6.6	5.7	4.4	0.8	-1.9	-2.4	-2.4	-2.0	-2.5	-0.8	-0.2	1.0	7.4		
Min	-31.1	-30.7	-30.9	-30.9	-31.8	-31.2	-30.7	-31.2	-30.7	-30.9	-30.5	-30.4	-31.4	-31.6	-31.4	-31.5	-31.8	-31.4	-32.4	-31.2	-31.8	-32.6	-31.3	-31.1		-32.6	
Avg.	-11.8	-11.9	-12.0	-12.2	-12.3	-12.2	-12.4	-12.4	-12.5	-12.5	-12.4	-12.3	-12.2	-12.1	-12.1	-12.2	-12.4	-12.4	-12.4	-12.5	-12.5	-12.5	-12.6	-12.6			-12.3
																									Max Daily Mean		2.3
																									Min Daily Mean		-30.9

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-28.9	-29.2	-30.0	-29.6	-28.4	-28.8	-28.5	-29.2	-29.3	-29.0	-29.0	-27.5	-27.7	-27.6	-27.1	-25.9	-25.8	-26.5	-26.7	-28.0	-28.5	-30.1	-30.1	-29.0	-25.8	-30.1	-28.4
2	-28.9	-30.0	-30.2	-30.5	-30.2	-30.1	-30.0	-30.4	-30.7	-30.9	-31.5	-31.9	-31.0	-31.5	-31.3	-32.3	-32.8	-32.6	-31.4	-31.5	-31.7	-32.6	-29.7	-31.8	-28.9	-32.8	-31.1
3	-32.5	-31.8	-31.2	-32.3	-30.8	-30.1	-29.4	-28.7	-26.8	-27.2	-26.3	-25.3	-24.2	-23.2	-22.0	-22.3	-25.2	-25.0	-25.4	-26.0	-26.7	-26.6	-26.2	-26.6	-22.0	-32.5	-27.2
4	-27.8	-28.4	-27.1	-26.7	-27.8	-28.2	-28.8	-29.2	-28.4	-29.3	-30.0	-30.0	-29.7	-29.5	-30.0	-29.8	-29.3	-30.0	-30.1	-30.1	-30.0	-29.8	-29.3	-29.2	-26.7	-30.1	-29.1
5	-29.3	-29.5	-29.4	-29.1	-28.7	-29.1	-29.0	-29.2	-29.3	-29.6	-29.1	-29.0	-28.3	-26.5	-24.4	-23.2	-21.1	-20.1	-17.6	-15.4	-14.5	-12.1	-10.0	-9.3	-9.3	-29.6	-23.9
6	-9.1	-9.4	-11.2	-11.3	-11.9	-12.6	-15.7	-17.8	-17.9	-19.7	-22.2	-23.6	-24.0	-24.0	-24.2	-24.3	-24.7	-25.6	-25.7	-26.2	-26.0	-27.2	-28.6	-29.3	-9.1	-29.3	-20.5
7	-30.1	-29.1	-29.2	-29.7	-29.1	-28.4	-29.1	-28.8	-27.8	-27.6	-27.3	-26.8	-26.6	-26.4	-25.5	-24.1	-24.0	-24.4	-25.0	-24.5	-24.7	-24.9	-25.2	-26.0	-24.0	-30.1	-26.8
8	-25.5	-25.4	-25.0	-26.1	-26.6	-27.6	-27.8	-28.1	-28.4	-28.3	-28.3	-28.2	-28.1	-27.9	-28.0	-28.1	-28.3	-28.7	-28.8	-28.9	-29.1	-29.4	-29.3	-29.1	-25.0	-29.4	-27.9
9	-28.7	-28.5	-28.6	-28.6	-29.2	-29.8	-30.2	-31.3	-31.9	-31.4	-31.4	-30.8	-31.2	-31.7	-31.7	-31.3	-30.6	-31.7	-32.2	-31.3	-30.8	-30.3	-30.0	-27.4	-27.4	-32.2	-30.4
10	-24.7	-21.1	-21.3	-21.2	-20.5	-19.2	-15.8	-15.2	-14.5	-13.5	-13.2	-12.9	-11.9	-12.5	-10.2	-9.8	-10.0	-8.5	-8.5	-7.7	-7.5	-6.4	-6.8	-6.2	-6.2	-24.7	-13.3
11	-5.4	-5.1	-4.4	-5.5	-7.4	-11.2	-11.1	-10.6	-10.2	-7.9	-8.3	-7.1	-5.1	-6.7	-6.0	-7.1	-9.3	-11.1	-11.0	-11.2	-13.5	-14.5	-14.9	-14.2	-4.4	-14.9	-9.1
12	-14.4	-14.6	-15.1	-15.3	-15.9	-16.8	-17.6	-18.5	-19.5	-20.4	-21.0	-21.5	-22.2	-22.8	-23.2	-23.7	-24.2	-24.6	-24.9	-25.3	-25.6	-25.8	-26.0	-26.1	-14.4	-26.1	-21.0
13	-26.1	-26.5	-27.0	-27.4	-27.4	-27.5	-27.7	-28.2	-28.8	-29.0	-29.6	-29.8	-29.7	-29.9	-29.9	-30.1	-30.4	-30.9	-31.3	-31.4	-31.6	-31.5	-31.6	-32.2	-26.1	-32.2	-29.4
14	-31.8	-32.8	-33.2	-33.8	-34.1	-34.6	-34.7	-35.3	-35.7	-36.0	-36.1	-35.5	-35.3	-34.6	-34.5	-34.8	-35.7	-35.4	-36.4	-34.3	-35.0	-34.3	-35.2	-34.6	-31.8	-36.4	-34.7
15	-35.2	-34.3	-33.6	-34.6	-32.9	-34.1	-33.5	-34.4	-33.7	-33.3	-32.5	-34.6	-33.2	-31.3	-30.4	-31.7	-30.6	-29.3	-28.9	-29.4	-28.7	-30.1	-29.3	-29.0	-28.7	-35.2	-32.0
16	-28.5	-28.8	-28.2	-27.8	-27.5	-26.9	-27.7	-27.6	-27.7	-28.0	-28.2	-28.3	-29.3	-29.2	-28.9	-29.3	-29.4	-29.5	-30.1	-29.8	-30.5	-30.8	-30.6	-30.7	-26.9	-30.8	-28.9
17	-31.2	-30.4	-31.1	-31.8	-32.5	-32.1	-31.1	-31.4	-31.3	-31.7	-30.7	-31.2	-31.3	-29.0	-29.7	-29.6	-28.9	-29.8	-29.3	-28.1	-29.1	-27.8	-28.8	-28.9	-27.8	-32.5	-30.3
18	-28.3	-27.7	-27.6	-27.3	-26.6	-26.3	-27.7	-27.3	-27.0	-24.6	-26.0	-26.8	-24.6	-23.9	-23.4	-23.3	-23.1	-23.4	-23.0	-22.1	-22.7	-23.1	-23.8	-23.0	-22.1	-28.3	-25.1
19	-22.9	-23.5	-23.4	-23.0	-22.4	-22.9	-22.8	-22.9	-22.7	-23.6	-22.7	-23.1	-23.0	-22.3	-23.5	-23.1	-24.2	-24.3	-23.6	-22.8	-21.6	-21.8	-20.4	-20.3	-20.3	-24.3	-22.8
20	-20.4	-21.4	-21.7	-22.2	-22.1	-22.6	-22.4	-22.7	-22.5	-23.3	-22.6	-21.8	-22.5	-22.5	-21.8	-22.5	-22.8	-23.5	-23.0	-23.6	-24.1	-23.7	-22.0	-22.6	-20.4	-24.1	-22.5
21	-22.4	-23.6	-23.7	-24.3	-24.6	-24.6	-24.9	-24.8	-24.8	-25.9	-27.1	-25.7	-24.1	-22.8	-20.3	-19.2	-19.2	-19.4	-19.5	-19.4	-19.6	-19.7	-19.9	-20.0	-19.2	-27.1	-22.5
22	-20.0	-20.2	-20.1	-20.2	-20.2	-20.1	-20.0	-19.9	-19.9	-20.0	-20.0	-19.9	-19.9	-19.7	-19.5	-19.1	-18.8	-18.8	-18.8	-18.8	-18.8	-19.3	-20.9	-21.7	-18.8	-21.7	-19.8
23	-21.6	-21.3	-21.0	-21.4	-21.8	-22.1	-23.2	-23.2	-23.1	-23.0	-23.1	-23.2	-23.3	-23.6	-23.8	-23.8	-23.7	-23.9	-24.3	-24.6	-24.6	-24.9	-25.3	-25.5	-21.0	-25.5	-23.3
24	-25.6	-25.4	-25.3	-25.6	-26.1	-26.3	-26.2	-26.6	-27.0	-27.8	-27.8	-28.7	-28.4	-28.1	-28.2	-28.5	-29.1	-29.0	-28.9	-28.9	-28.8	-28.7	-28.5	-28.1	-25.3	-29.1	-27.6
25	-28.1	-27.9	-27.9	-28.0	-28.1	-28.3	-28.5	-28.9	-29.2	-29.3	-29.3	-29.4	-29.6	-29.5	-29.2	-29.7	-30.0	-30.0	-29.8	-29.9	-30.1	-30.3	-30.2	-30.6	-27.9	-30.6	-29.2
26	-30.5	-30.3	-30.2	-30.1	-30.1	-30.0	-30.0	-30.2	-30.3	-30.4	-30.7	-30.7	-31.3	-31.4	-31.5	-31.5	-31.2	-31.3	-31.0	-31.3	-31.5	-31.6	-32.1	-32.6	-30.0	-32.6	-30.9
27	-34.2	-34.9	-34.9	-35.7	-36.3	-36.3	-36.2	-36.1	-36.4	-36.9	-37.4	-37.2	-37.0	-36.6	-36.3	-36.2	-35.7	-35.7	-35.5	-36.0	-36.3	-36.0	-37.2	-37.0	-34.2	-37.4	-36.2
28	-37.3	-38.0	-37.2	-37.3	-37.6	-37.0	-37.7	-38.3	-37.7	-37.5	-37.5	-36.9	-37.6	-36.4	-36.7	-35.5	-35.4	-35.8	-36.0	-35.9	-35.1	-36.3	-36.5	-36.4	-35.1	-38.3	-36.8
29	-36.8	-36.7	-36.8	-36.5	-37.1	-36.9	-36.8	-37.2	-36.8	-36.6	-37.3	-36.0	-35.3	-34.2	-32.2	-30.1	-30.3	-29.3	-28.6	-29.5	-29.1	-29.4	-29.2	-29.0	-28.6	-37.3	-33.7
30	-29.9	-28.2	-28.7	-28.3	-27.6	-27.9	-27.7	-28.1	-27.0	-26.7	-26.4	-24.8	-24.3	-24.3	-24.6	-23.6	-22.8	-22.2	-22.4	-22.2	-21.6	-21.7	-22.1	-21.5	-21.5	-29.9	-25.2
31	-21.5	-21.5	-22.7	-23.2	-23.6	-23.5	-23.4	-23.1	-22.8	-23.4	-23.4	-22.8	-22.2	-22.1	-22.4	-22.7	-22.9	-22.9	-23.3	-23.7	-24.6	-24.1	-24.2	-24.0	-21.5	-24.6	-23.1
Max	-5.4	-5.1	-4.4	-5.5	-7.4	-11.2	-11.1	-10.6	-10.2	-7.9	-8.3	-7.1	-5.1	-6.7	-6.0	-7.1	-9.3	-8.5	-8.5	-7.7	-7.5	-6.4	-6.8	-6.2	-4.4		
Min	-37.3	-38.0	-37.2	-37.3	-37.6	-37.0	-37.7	-38.3	-37.7	-37.5	-37.5	-37.2	-37.6	-36.6	-36.7	-36.2	-35.7	-35.8	-36.4	-36.0	-36.3	-36.3	-37.2	-37.0		-38.3	
Avg.	-26.4	-26.3	-26.4	-26.6	-26.6	-26.8	-26.9	-27.2	-27.1	-27.2	-27.3	-27.1	-26.8	-26.5	-26.1	-26.0	-26.1	-26.2	-26.2	-26.1	-26.2	-26.3	-26.3	-26.2			-26.5
																									Max Daily Mean		-9.1
																									Min Daily Mean		-36.8

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-23.4	-23.0	-22.7	-22.4	-21.1	-20.0	-20.8	-18.9	-20.3	-20.6	-19.1	-18.4	-16.7	-14.4	-11.9	-8.1	-8.1	-8.8	-8.7	-8.0	-7.1	-6.3	-6.2	-5.4	-5.4	-23.4	-15.0
2	-4.5	-3.7	-4.2	-4.0	-3.7	-3.3	-2.6	-2.4	-1.7	-1.2	-1.2	-0.8	0.0	0.6	0.6	0.8	0.4	0.2	0.3	0.2	-0.3	-0.4	-0.3	-0.5	0.8	-4.5	-1.3
3	-0.2	-1.5	-1.6	-3.2	-7.7	-15.3	-17.3	-19.8	-20.6	-21.6	-22.0	-22.4	-23.0	-23.1	-23.0	-23.0	-23.6	-24.2	-24.3	-24.5	-24.5	-24.5	-24.5	-24.6	-0.2	-24.6	-18.3
4	-25.0	-25.0	-24.9	-25.6	-25.8	-26.1	-26.5	-26.2	-27.3	-26.4	-25.9	-25.2	-23.2	-22.4	-19.6	-18.2	-15.2	-10.8	-8.8	-9.6	-9.3	-7.6	-7.7	-5.6	-5.6	-27.3	-19.5
5	-6.2	-5.4	-4.4	-3.9	-3.4	-3.5	-3.7	-4.5	-5.2	-4.7	-4.5	-4.0	-3.5	-3.2	-3.2	-3.3	-3.2	-2.9	-2.8	-3.0	-2.9	-3.5	-3.4	-2.8	-2.8	-6.2	-3.8
6	-3.0	-3.0	-3.3	-3.2	-3.5	-2.3	-2.8	-4.7	-6.1	-7.3	-7.1	-5.5	-5.0	-3.4	-3.3	-2.8	-4.8	-5.8	-6.8	-7.7	-8.6	-9.3	-9.7	-10.0	-2.3	-10.0	-5.4
7	-10.0	-9.0	-8.2	-6.4	-7.4	-6.0	-5.7	-6.0	-5.5	-5.3	-5.2	-4.2	-3.7	-3.1	-2.9	-2.7	-2.9	-3.4	-4.2	-4.7	-4.4	-5.0	-4.9	-5.5	-2.7	-10.0	-5.3
8	-5.6	-5.8	-5.9	-6.4	-6.2	-6.6	-6.2	-5.7	-5.0	-4.4	-4.0	-3.5	-2.9	-2.7	-2.4	-2.3	-2.4	-2.6	-2.7	-2.5	-2.8	-2.8	-2.1	-2.0	-2.0	-6.6	-4.0
9	-1.1	-1.4	-1.4	-0.9	-0.5	-0.2	-0.3	-0.8	-1.2	-0.5	-2.5	-1.3	0.5	-0.7	-1.4	-0.2	-0.7	-1.6	-1.9	-1.9	-2.1	-2.4	-2.0	-1.7	0.5	-2.5	-1.2
10	-1.4	-1.2	-1.2	-1.7	-2.1	-2.1	-1.7	-0.9	-3.0	-2.5	-2.2	-1.8	-1.4	-1.5	-1.9	-1.0	-0.9	0.0	0.6	0.5	0.1	-0.1	0.1	-0.1	0.6	-3.0	-1.1
11	-0.8	-1.1	-1.8	-2.3	-3.7	-3.5	-3.0	-2.9	-2.8	-2.7	-1.8	-1.8	-0.9	-0.1	0.6	0.1	-0.2	0.0	0.0	-0.8	-1.1	-1.6	-1.7	-1.7	0.6	-3.7	-1.5
12	-1.8	-1.9	-1.8	-1.0	-2.7	-3.8	-3.5	-3.6	-3.1	-2.8	-0.5	-0.2	0.4	0.8	1.0	0.9	0.4	0.1	-0.1	-0.7	-2.1	-2.3	-3.3	-4.0	1.0	-4.0	-1.5
13	-4.7	-5.1	-6.8	-7.0	-5.2	-6.9	-6.9	-4.4	-3.6	-3.2	-4.9	-4.0	-3.3	-1.9	-0.8	-0.2	-0.2	0.4	0.3	0.4	-0.1	-1.1	-0.8	-0.3	0.4	-7.0	-2.9
14	-0.5	-0.2	0.2	0.0	-0.4	-0.9	-1.6	-2.2	-3.5	-3.3	-3.6	-3.8	-4.0	-4.1	-4.0	-4.0	-4.5	-4.9	-5.6	-6.4	-7.1	-9.0	-10.0	-10.4	0.2	-10.4	-3.9
15	-11.0	-10.7	-11.0	-12.7	-12.3	-11.5	-6.7	-6.6	-5.4	-4.9	-5.0	-4.3	-3.3	-3.3	-2.6	-2.5	-3.1	-3.5	-3.3	-3.8	-4.0	-4.2	-4.2	-4.4	-2.5	-12.7	-6.0
16	-5.1	-5.7	-6.7	-7.2	-6.9	-7.6	-7.7	-7.7	-7.9	-9.2	-8.8	-9.9	-8.1	-7.8	-6.6	-6.1	-5.9	-5.9	-5.5	-6.5	-6.7	-6.6	-5.5	-5.8	-5.1	-9.9	-7.0
17	-6.9	-6.4	-6.6	-7.0	-7.8	-8.9	-9.2	-9.2	-8.8	-9.3	-8.9	-6.5	-5.9	-6.7	-5.7	-5.3	-5.2	-6.0	-5.9	-6.7	-8.6	-8.5	-8.6	-8.7	-5.2	-9.3	-7.4
18	-9.9	-10.5	-10.5	-11.3	-12.9	-12.1	-12.2	-12.0	-12.6	-12.3	-12.1	-12.1	-11.9	-7.0	-6.4	-4.5	-4.6	-4.8	-5.8	-6.5	-8.0	-9.6	-11.1	-12.4	-4.5	-12.9	-9.7
19	-12.9	-13.4	-14.1	-14.8	-15.2	-15.9	-15.9	-16.2	-15.6	-14.5	-13.8	-14.3	-12.9	-9.9	-7.4	-7.0	-6.8	-7.1	-7.8	-8.1	-8.1	-8.1	-8.1	-7.9	-6.8	-16.2	-11.5
20	-8.0	-8.1	-8.1	-7.9	-8.1	-8.4	-8.7	-8.9	-9.0	-9.1	-8.8	-8.5	-8.0	-7.5	-7.4	-7.4	-7.4	-7.6	-7.9	-7.9	-7.9	-8.1	-9.1	-9.2	-7.4	-9.2	-8.2
21	-9.2	-9.5	-9.4	-10.0	-10.1	-10.2	-10.0	-9.7	-9.6	-9.9	-9.0	-8.5	-8.0	-7.6	-7.0	-7.1	-6.8	-7.2	-7.5	-8.5	-8.8	-8.5	-9.0	-9.5	-6.8	-10.2	-8.8
22	-9.6	-9.6	-10.2	-10.7	-11.2	-10.9	-10.9	-10.9	-10.6	-11.5	-11.2	-10.2	-9.9	-9.5	-9.0	-8.4	-8.3	-8.2	-8.8	-8.7	-9.8	-9.1	-8.2	-9.6	-8.2	-11.5	-9.8
23	-9.6	-10.2	-10.5	-10.8	-10.8	-11.0	-10.7	-10.6	-10.4	-10.2	-9.5	-8.7	-8.2	-7.9	-7.7	-7.8	-7.9	-8.5	-9.3	-9.5	-10.6	-11.1	-11.3	-11.6	-7.7	-11.6	-9.8
24	-11.8	-12.4	-12.1	-12.1	-12.7	-12.4	-12.1	-12.2	-12.7	-12.8	-13.2	-13.0	-12.5	-12.3	-12.5	-12.8	-13.4	-13.9	-14.1	-14.5	-14.7	-14.8	-15.1	-15.2	-11.8	-15.2	-13.1
25	-15.4	-15.8	-16.2	-16.4	-16.6	-16.3	-16.4	-16.3	-16.7	-16.6	-16.2	-15.7	-15.6	-15.5	-15.3	-15.1	-14.8	-15.2	-15.8	-16.4	-16.3	-16.7	-16.6	-16.5	-14.8	-16.7	-16.0
26	-16.5	-16.4	-16.0	-15.4	-14.8	-14.2	-13.8	-13.8	-13.7	-13.2	-12.6	-12.0	-11.3	-10.1	-9.0	-8.5	-8.0	-8.1	-9.1	-10.0	-10.6	-9.2	-8.1	-7.6	-7.6	-16.5	-11.8
27	-9.2	-9.4	-8.4	-6.7	-7.1	-9.9	-10.4	-10.2	-10.0	-9.9	-9.4	-9.1	-8.3	-7.6	-7.3	-6.7	-7.3	-8.3	-9.3	-10.9	-12.8	-14.4	-15.7	-16.2	-6.7	-16.2	-9.8
28	-16.8	-17.0	-16.9	-17.3	-17.5	-17.6	-18.0	-18.5	-18.7	-19.1	-18.2	-17.9	-17.7	-17.3	-17.2	-17.4	-17.9	-18.7	-19.4	-20.0	-20.7	-21.9	-22.6	-23.3	-16.8	-23.3	-18.7
29	-24.0	-24.5	-24.1	-23.5	-22.9	-23.0	-23.6	-23.9	-23.4	-22.3	-21.3	-20.0	-18.8	-17.9	-17.4	-17.4	-17.7	-17.4	-18.3	-18.9	-19.0	-20.6	-21.4	-22.2	-17.4	-24.5	-21.0
Max	-0.2	-0.2	0.2	0.0	-0.4	-0.2	-0.3	-0.8	-1.2	-0.5	-0.5	-0.2	0.5	0.8	1.0	0.9	0.4	0.4	0.6	0.5	0.1	-0.1	0.1	-0.1	1.0		
Min	-25.0	-25.0	-24.9	-25.6	-25.8	-26.1	-26.5	-26.2	-27.3	-26.4	-25.9	-25.2	-23.2	-23.1	-23.0	-23.0	-23.6	-24.2	-24.3	-24.5	-24.5	-24.5	-24.5	-24.6		-27.3	
Avg.	-9.1	-9.2	-9.3	-9.4	-9.7	-10.0	-10.0	-10.0	-10.1	-10.0	-9.7	-9.2	-8.5	-7.8	-7.3	-6.8	-6.9	-7.1	-7.3	-7.8	-8.2	-8.5	-8.7	-8.8			-8.7
																									Max Daily Mean		-1.1
																									Min Daily Mean		-21.0

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-23.0	-23.1	-23.1	-23.5	-22.9	-21.4	-19.7	-18.3	-17.4	-16.3	-15.0	-13.8	-13.0	-12.5	-12.2	-12.0	-12.1	-12.7	-13.6	-13.9	-14.2	-14.4	-15.3	-16.6	-12.0	-23.5	-16.7
2	-17.2	-17.6	-18.0	-18.2	-17.9	-17.7	-17.6	-17.8	-18.1	-16.5	-14.9	-12.3	-11.9	-9.4	-7.9	-7.3	-7.2	-7.6	-8.5	-8.9	-9.9	-10.9	-11.2	-11.1	-7.2	-18.2	-13.2
3	-11.7	-12.1	-12.1	-12.5	-14.5	-16.2	-18.1	-18.2	-18.6	-19.0	-19.1	-18.4	-17.8	-17.4	-17.1	-17.1	-17.3	-17.9	-18.6	-18.9	-18.8	-19.2	-19.5	-20.3	-11.7	-20.3	-17.1
4	-20.6	-21.2	-21.3	-21.5	-21.8	-21.5	-21.8	-22.1	-22.1	-21.5	-21.3	-20.7	-20.2	-19.9	-19.6	-19.7	-20.0	-20.4	-20.9	-21.2	-21.9	-22.6	-23.1	-23.9	-19.6	-23.9	-21.3
5	-25.6	-25.7	-26.2	-27.1	-26.4	-28.4	-28.0	-28.0	-27.5	-27.2	-27.4	-25.4	-21.8	-17.3	-15.7	-15.5	-15.4	-15.2	-15.3	-15.4	-15.0	-15.8	-16.3	-16.7	-15.0	-28.4	-21.6
6	-16.9	-16.9	-17.1	-17.1	-16.6	-16.8	-16.3	-15.4	-14.2	-11.5	-10.4	-10.2	-9.7	-9.1	-7.5	-6.1	-6.2	-6.5	-6.1	-5.9	-6.0	-6.1	-6.2	-6.3	-5.9	-17.1	-10.9
7	-6.9	-7.2	-7.6	-8.0	-8.9	-9.7	-9.8	-10.2	-10.5	-9.3	-8.1	-7.2	-6.4	-5.1	-4.6	-4.2	-5.3	-7.6	-10.0	-13.5	-15.8	-18.3	-20.1	-20.8	-4.2	-20.8	-9.8
8	-20.2	-20.9	-21.2	-20.3	-21.5	-22.3	-23.2	-23.6	-22.9	-22.7	-19.9	-12.2	-7.6	-7.1	-6.6	-6.4	-6.5	-6.4	-6.3	-6.0	-6.1	-6.6	-6.8	-7.4	-6.0	-23.6	-13.8
9	-8.1	-8.7	-9.0	-9.5	-10.1	-11.3	-13.4	-14.8	-14.3	-13.3	-13.0	-12.9	-12.7	-12.1	-11.6	-11.8	-12.7	-13.6	-14.7	-15.9	-16.3	-16.8	-16.9	-17.8	-8.1	-17.8	-13.0
10	-17.6	-17.7	-18.3	-18.5	-18.5	-18.8	-19.4	-19.6	-19.7	-19.6	-19.4	-18.8	-17.8	-17.3	-17.0	-17.1	-17.3	-18.2	-19.1	-19.6	-20.0	-20.4	-20.5	-21.3	-17.0	-21.3	-18.8
11	-21.7	-21.9	-22.5	-22.9	-23.1	-23.5	-23.4	-23.6	-23.5	-22.9	-22.4	-21.5	-20.5	-19.8	-19.0	-18.7	-18.6	-18.8	-19.1	-19.4	-19.8	-19.5	-19.7	-20.0	-18.6	-23.6	-21.1
12	-20.0	-20.3	-20.6	-20.6	-20.8	-20.8	-21.1	-21.3	-21.2	-21.2	-20.6	-19.8	-18.3	-17.4	-16.6	-15.7	-15.4	-16.0	-16.6	-17.3	-17.8	-19.3	-19.8	-20.8	-15.4	-21.3	-19.1
13	-21.7	-22.0	-21.6	-20.8	-20.3	-19.9	-18.7	-17.0	-15.0	-12.9	-11.3	-9.9	-9.0	-8.5	-8.4	-8.2	-8.2	-8.8	-9.7	-10.7	-10.8	-11.1	-11.3	-11.8	-8.2	-22.0	-13.7
14	-11.8	-12.1	-13.2	-15.6	-16.3	-16.1	-16.3	-15.2	-15.4	-14.8	-13.0	-11.1	-8.7	-7.5	-7.2	-6.8	-7.0	-7.2	-7.6	-8.1	-8.0	-8.0	-8.1	-8.3	-6.8	-16.3	-11.0
15	-8.7	-10.1	-11.9	-13.6	-15.0	-15.3	-15.5	-13.9	-12.1	-11.2	-8.0	-6.3	-5.8	-4.7	-4.3	-4.3	-4.6	-5.5	-6.7	-7.7	-8.2	-8.6	-10.4	-12.0	-4.3	-15.5	-9.4
16	-13.8	-15.0	-15.6	-15.8	-16.5	-16.5	-17.7	-18.1	-18.0	-16.7	-15.3	-12.3	-10.1	-8.6	-8.1	-8.6	-9.5	-10.6	-11.7	-12.6	-12.4	-13.0	-14.7	-15.9	-8.1	-18.1	-13.6
17	-16.1	-17.8	-18.7	-18.9	-19.0	-20.4	-20.9	-21.6	-20.2	-19.4	-18.4	-16.2	-13.7	-12.1	-10.7	-9.8	-9.7	-10.3	-11.4	-12.5	-13.4	-14.4	-15.3	-16.0	-9.7	-21.6	-15.7
18	-17.0	-17.2	-18.0	-17.9	-18.5	-18.8	-19.0	-19.0	-18.9	-18.3	-17.2	-15.9	-14.5	-13.0	-11.7	-10.7	-10.1	-10.4	-11.8	-12.6	-13.5	-14.4	-15.4	-16.2	-10.1	-19.0	-15.4
19	-17.1	-17.8	-18.4	-18.6	-19.0	-19.6	-20.0	-19.2	-18.9	-17.6	-16.3	-14.6	-12.4	-10.5	-9.1	-7.9	-8.0	-8.5	-9.1	-10.3	-11.1	-12.3	-13.6	-14.5	-7.9	-20.0	-14.4
20	-15.3	-16.5	-17.2	-18.2	-18.4	-19.0	-19.1	-19.3	-19.1	-18.7	-17.8	-16.4	-15.3	-14.1	-13.5	-13.3	-14.1	-15.1	-16.1	-16.7	-17.0	-17.5	-18.1	-18.4	-13.3	-19.3	-16.8
21	-18.6	-19.1	-19.7	-20.1	-20.7	-20.8	-20.5	-20.6	-20.1	-19.3	-18.0	-16.8	-16.1	-15.8	-15.2	-15.1	-15.4	-15.8	-16.7	-17.5	-17.8	-19.4	-20.2	-21.2	-15.1	-21.2	-18.4
22	-21.6	-22.4	-22.9	-22.3	-23.4	-23.5	-23.4	-23.2	-23.5	-23.0	-21.5	-19.4	-17.5	-16.0	-14.9	-14.4	-14.0	-13.9	-14.4	-14.9	-15.9	-16.8	-18.3	-20.1	-13.9	-23.5	-19.2
23	-21.4	-22.2	-22.5	-22.7	-22.8	-23.3	-24.1	-23.9	-22.2	-20.4	-18.1	-14.3	-11.3	-9.6	-8.1	-7.0	-6.8	-7.5	-7.4	-7.9	-8.4	-9.2	-10.9	-11.7	-6.8	-24.1	-15.2
24	-11.7	-11.7	-11.4	-11.9	-12.4	-12.8	-12.6	-12.7	-11.7	-11.1	-10.0	-8.8	-7.4	-6.2	-5.5	-5.2	-5.2	-5.1	-5.5	-6.8	-7.7	-8.1	-7.9	-8.5	-5.1	-12.8	-9.1
25	-9.0	-9.0	-9.2	-9.5	-9.5	-9.8	-10.3	-11.1	-10.4	-10.4	-10.0	-8.9	-8.1	-7.6	-7.3	-6.6	-6.5	-6.8	-7.3	-8.1	-8.5	-9.0	-9.4	-10.5	-6.5	-11.1	-8.9
26	-11.0	-11.7	-12.7	-13.5	-15.3	-15.0	-16.6	-16.7	-15.7	-15.2	-13.1	-10.2	-7.0	-5.3	-4.3	-3.6	-3.0	-2.9	-3.4	-4.1	-5.4	-6.3	-8.4	-10.5	-2.9	-16.7	-9.6
27	-10.5	-10.4	-9.9	-11.7	-11.8	-13.4	-13.1	-13.2	-13.2	-11.0	-8.2	-4.5	-1.7	-0.2	0.1	0.1	-0.1	-0.4	-1.0	-1.7	-2.0	-2.2	-2.1	-2.3	0.1	-13.4	-6.0
28	-2.5	-2.8	-2.9	-3.0	-3.2	-3.4	-3.4	-2.9	-2.2	-1.1	-0.2	1.1	1.9	2.7	3.1	3.1	2.9	2.4	1.7	0.7	-0.1	-0.5	-1.2	-2.2	3.1	-3.4	-0.5
29	-2.6	-4.5	-5.2	-6.2	-6.7	-7.0	-6.5	-7.9	-7.1	-5.1	-2.0	1.4	3.3	4.1	4.5	4.3	4.4	4.4	3.7	3.2	2.4	1.3	1.0	0.9	4.5	-7.9	-0.9
30	0.5	0.0	-1.2	-2.4	-3.6	-4.2	-4.8	-4.5	-3.4	-1.7	0.6	3.0	4.1	4.7	5.0	4.6	3.7	3.5	2.6	1.8	1.8	1.7	1.0	0.4	5.0	-4.8	0.6
31	0.4	-0.4	-1.5	-1.9	-1.7	-2.4	-2.6	-2.4	-2.1	-2.1	-1.9	-1.4	-0.9	-0.6	0.0	0.4	0.1	-0.1	-1.1	-1.8	-2.3	-2.7	-2.9	-3.0	0.4	-3.0	-1.5
Max	0.5	0.0	-1.2	-1.9	-1.7	-2.4	-2.6	-2.4	-2.1	-1.1	0.6	3.0	4.1	4.7	5.0	4.6	4.4	4.4	3.7	3.2	2.4	1.7	1.0	0.9	5.0		
Min	-25.6	-25.7	-26.2	-27.1	-26.4	-28.4	-28.0	-28.0	-27.5	-27.2	-27.4	-25.4	-21.8	-19.9	-19.6	-19.7	-20.0	-20.4	-20.9	-21.2	-21.9	-22.6	-23.1	-23.9		-28.4	
Avg.	-14.2	-14.7	-15.2	-15.6	-16.0	-16.4	-16.7	-16.6	-16.1	-15.2	-13.9	-12.1	-10.6	-9.5	-8.7	-8.4	-8.6	-9.0	-9.7	-10.5	-11.0	-11.6	-12.3	-13.1			-12.7
																									Max Daily Mean		0.6
																									Min Daily Mean		-21.6

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-2.8	-3.2	-3.4	-3.5	-3.6	-4.0	-4.4	-4.5	-4.3	-3.9	-3.4	-2.6	-1.2	-0.1	0.4	0.4	0.6	0.3	-1.3	-3.1	-4.5	-5.4	-6.1	-6.4	0.6	-6.4	-2.9
2	-6.1	-6.6	-6.8	-7.9	-8.7	-9.5	-9.7	-9.9	-9.7	-8.6	-7.9	-7.0	-6.3	-6.0	-5.5	-5.2	-5.0	-5.1	-5.9	-6.9	-7.9	-8.9	-8.8	-9.4	-5.0	-9.9	-7.5
3	-10.1	-10.5	-10.6	-10.6	-11.1	-12.0	-11.8	-11.8	-11.1	-10.5	-9.2	-8.2	-7.1	-6.4	-6.1	-5.7	-5.2	-5.3	-5.4	-6.2	-7.0	-7.6	-8.4	-9.1	-5.2	-12.0	-8.6
4	-10.0	-10.6	-11.4	-12.0	-12.9	-13.3	-13.6	-12.7	-11.9	-10.9	-8.6	-5.8	-3.4	-1.6	-0.4	0.6	1.2	1.3	1.1	0.6	-0.1	-0.6	-0.9	-2.0	1.3	-13.6	-5.7
5	-2.6	-4.4	-4.6	-5.7	-5.8	-5.9	-5.7	-5.3	-3.9	-2.1	-1.0	0.6	2.4	4.4	5.5	6.3	6.6	6.4	5.8	5.1	4.6	3.3	2.8	2.3	6.6	-5.9	0.4
6	2.4	2.4	2.9	1.4	2.3	1.4	1.6	2.1	2.1	3.1	4.1	4.7	4.9	5.2	5.7	5.7	5.4	5.3	4.5	3.1	2.3	1.5	0.6	-0.6	5.7	-0.6	3.1
7	-1.9	-3.2	-3.9	-4.4	-5.0	-5.6	-5.3	-4.9	-4.0	-2.6	-0.9	0.6	1.9	3.0	4.0	5.0	4.2	3.9	3.5	2.8	2.3	1.7	0.9	-0.1	5.0	-5.6	-0.3
8	0.0	-0.3	-0.9	-1.7	-2.7	-3.2	-3.3	-3.4	-3.2	-2.7	-1.7	-1.0	-0.1	1.0	1.9	2.4	2.1	2.0	1.8	1.3	0.3	-0.1	-0.7	-1.2	2.4	-3.4	-0.6
9	-1.8	-2.3	-2.9	-4.5	-5.6	-6.5	-7.0	-6.5	-4.9	-3.0	-0.7	1.1	2.1	3.0	3.7	4.0	4.3	4.3	3.6	2.7	1.6	0.8	-0.3	-2.4	4.3	-7.0	-0.7
10	-3.7	-4.7	-5.3	-5.9	-6.6	-6.5	-6.3	-5.5	-3.1	0.4	2.8	4.1	5.4	6.4	7.3	7.6	7.3	7.7	7.8	6.5	4.7	4.1	3.6	3.1	7.8	-6.6	1.3
11	1.5	1.0	-0.8	-1.8	-2.4	-2.5	-2.8	-2.4	-0.4	2.7	5.1	6.3	7.3	7.8	8.1	8.5	8.6	8.3	7.9	7.1	5.9	5.1	4.1	3.3	8.6	-2.8	3.6
12	1.7	0.8	-0.3	-1.0	-1.5	-1.4	-1.3	-1.0	-0.1	1.9	4.3	6.3	7.3	8.0	8.3	8.7	8.5	8.0	7.9	6.9	6.3	5.7	5.1	4.5	8.7	-1.5	3.9
13	3.9	2.6	1.3	0.7	0.7	0.7	1.2	2.4	4.2	5.3	6.2	7.0	7.8	8.1	7.8	7.5	7.3	6.8	6.1	5.4	4.8	4.2	3.5	2.8	8.1	0.7	4.5
14	1.6	0.9	0.9	1.1	1.0	1.0	1.1	1.4	2.2	3.3	3.9	5.2	5.8	5.8	6.1	6.0	6.6	6.3	5.9	5.5	4.4	3.5	3.2	3.1	6.6	0.9	3.6
15	3.1	3.2	3.2	3.3	3.0	2.7	2.8	3.4	4.5	5.9	7.5	8.8	8.9	9.3	9.7	9.8	9.8	9.2	8.5	7.8	7.0	6.7	6.4	5.7	9.8	2.7	6.3
16	5.1	3.0	4.1	1.6	0.9	2.4	2.9	2.8	4.6	6.2	7.3	8.2	9.0	9.5	9.9	9.6	9.6	9.1	8.4	7.7	6.6	5.9	5.7	5.4	9.9	0.9	6.1
17	4.2	3.2	1.9	1.0	0.0	-0.3	-0.4	1.6	2.6	5.7	8.0	8.7	10.3	10.6	11.4	10.7	10.9	11.1	9.8	8.7	7.8	7.0	6.4	4.8	11.4	-0.4	6.1
18	3.8	3.4	2.0	1.9	1.4	0.8	1.8	1.4	2.1	3.0	5.4	8.3	8.8	9.7	9.4	9.4	9.1	9.0	7.1	6.1	5.8	5.1	4.7	3.9	9.7	0.8	5.1
19	2.9	2.2	0.9	0.2	0.1	-0.1	0.3	1.0	2.6	4.9	7.8	8.6	9.2	9.4	9.9	9.3	9.8	9.2	9.2	8.2	7.0	6.4	5.9	4.6	9.9	-0.1	5.4
20	4.8	4.8	2.7	1.9	1.7	0.5	1.9	2.2	3.7	5.9	7.7	7.9	6.9	7.0	5.3	5.9	6.7	7.4	8.0	5.8	4.3	3.5	3.7	3.3	8.0	0.5	4.7
21	2.8	2.4	1.9	1.0	1.3	1.3	1.1	1.8	3.4	5.0	6.0	4.5	7.0	6.2	6.5	7.1	7.2	6.2	6.3	5.9	5.2	4.3	3.6	2.6	7.2	1.0	4.2
22	2.1	1.5	1.0	0.5	0.3	0.0	0.3	0.1	1.7	3.9	5.9	6.4	6.6	6.5	7.5	7.1	5.9	5.3	3.3	3.1	2.9	2.9	2.5	1.3	7.5	0.0	3.3
23	0.9	0.3	0.6	0.3	0.4	0.3	0.4	0.9	1.5	2.8	3.9	5.1	5.8	6.2	5.8	7.3	8.2	8.4	6.8	5.3	5.1	5.0	3.8	2.5	8.4	0.3	3.7
24	0.7	0.4	-1.2	-1.2	-1.8	-1.9	-0.6	0.8	2.3	5.4	7.7	8.3	8.1	8.5	9.6	7.8	8.1	8.0	7.2	6.5	6.0	5.2	4.3	3.6	9.6	-1.9	4.2
25	3.3	2.6	1.8	1.4	0.0	-0.8	0.0	1.2	3.3	6.2	7.8	7.6	7.2	7.4	7.8	7.8	8.0	7.6	6.8	6.2	5.3	3.6	2.9	2.1	8.0	-0.8	4.5
26	1.1	0.4	-0.8	-1.4	-2.1	-1.9	-1.7	-0.6	1.6	5.2	6.3	6.9	7.3	7.8	7.9	7.9	8.0	8.1	7.5	6.7	5.5	4.4	3.8	3.2	8.1	-2.1	3.8
27	3.1	2.1	0.1	-0.8	-1.7	-2.2	-1.3	0.1	2.8	5.7	7.0	8.1	8.2	9.5	9.7	9.3	7.5	7.9	7.4	6.8	5.8	5.1	4.8	3.9	9.7	-2.2	4.5
28	4.0	3.3	2.9	1.8	1.8	1.4	1.8	2.6	3.9	6.0	7.6	7.5	7.4	8.6	8.7	8.1	8.1	8.2	6.8	6.3	5.8	5.3	4.9	4.2	8.7	1.4	5.3
29	3.3	2.4	2.3	1.9	0.9	0.5	1.3	2.2	3.9	6.8	7.5	8.5	8.5	8.8	6.5	7.3	7.8	6.2	4.5	4.2	4.3	3.6	3.0	2.7	8.8	0.5	4.5
30	2.4	2.2	1.8	1.7	1.3	1.2	1.4	1.8	2.4	3.0	3.3	3.6	4.0	4.1	3.7	3.3	3.2	3.3	3.6	2.6	1.9	1.3	1.0	0.1	4.1	0.1	2.4
Max	5.1	4.8	4.1	3.3	3.0	2.7	2.9	3.4	4.6	6.8	8.0	8.8	10.3	10.6	11.4	10.7	10.9	11.1	9.8	8.7	7.8	7.0	6.4	5.7	11.4		
Min	-10.1	-10.6	-11.4	-12.0	-12.9	-13.3	-13.6	-12.7	-11.9	-10.9	-9.2	-8.2	-7.1	-6.4	-6.1	-5.7	-5.2	-5.3	-5.9	-6.9	-7.9	-8.9	-8.8	-9.4		-13.6	
Avg.	0.7	0.0	-0.7	-1.4	-1.8	-2.1	-1.8	-1.3	0.0	1.8	3.3	4.3	5.0	5.6	5.9	6.0	6.0	5.8	5.2	4.3	3.5	2.8	2.2	1.4			2.3
																									Max Daily Mean		6.3
																									Min Daily Mean		-8.6

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-0.5	-0.9	-1.0	-1.3	-1.5	-1.6	-1.5	Audit	Audit	-1.2	-1.7	-1.1	-0.9	-0.6	-0.8	-1.6	-2.8	-3.9	-4.3	-4.9	-5.7	-6.4	-7.0	-7.4	-0.5	-7.4	-2.7
2	-7.7	-8.0	-8.1	-8.0	-7.9	-7.8	-7.8	-7.1	-6.3	-5.7	-5.0	-3.9	-3.8	-2.5	-2.5	-1.3	-0.7	-1.5	-1.3	-1.2	-2.1	-2.9	-3.2	-3.9	-0.7	-8.1	-4.6
3	-4.8	-6.1	-7.8	-8.0	-7.8	-8.1	-6.4	-3.9	-2.2	-0.2	1.6	2.6	3.2	3.5	3.9	4.3	4.6	4.9	4.6	4.2	4.0	3.3	2.8	1.9	4.9	-8.1	-0.2
4	1.5	0.2	-0.9	-1.2	-1.7	-2.0	-0.8	0.3	2.2	3.8	5.4	6.2	6.3	6.8	6.8	7.3	5.6	5.7	5.0	4.0	3.3	2.0	2.0	2.3	7.3	-2.0	2.9
5	1.0	0.4	-0.1	-0.2	-0.4	-1.3	-0.7	0.2	1.6	4.5	5.4	5.6	5.4	6.0	6.1	5.5	4.9	4.0	4.1	3.9	3.1	2.9	2.4	2.2	6.1	-1.3	2.8
6	1.4	0.7	0.5	0.7	1.7	2.2	2.7	3.3	4.0	4.8	5.6	6.2	6.3	6.2	5.4	5.2	5.9	5.8	5.7	5.5	4.9	4.0	3.5	3.4	6.3	0.5	4.0
7	3.3	2.9	2.2	1.5	0.3	0.8	2.2	4.2	6.0	7.0	7.9	8.8	8.8	9.4	6.1	5.8	6.2	7.2	5.2	4.3	3.9	3.1	3.1	1.7	9.4	0.3	4.7
8	0.8	0.7	0.8	-0.3	-0.8	-0.2	2.2	3.4	4.2	5.1	5.0	5.6	5.8	6.8	6.9	6.2	5.4	4.8	3.7	3.0	2.2	1.6	1.1	0.4	6.9	-0.8	3.1
9	-0.2	-0.2	-0.8	-1.1	-1.3	-0.8	-0.2	1.3	2.4	3.6	4.4	5.3	6.0	7.4	7.5	8.3	8.4	8.1	8.1	8.2	7.4	6.0	5.0	4.6	8.4	-1.3	4.1
10	3.6	2.7	1.5	1.2	1.0	1.9	3.0	4.2	5.5	6.7	7.5	7.6	7.7	8.3	8.5	8.6	8.6	8.8	8.9	8.3	8.1	7.5	6.8	6.4	8.9	1.0	6.0
11	5.9	5.5	5.6	6.1	6.2	6.5	6.6	7.4	7.4	7.9	9.4	8.8	10.1	10.7	10.5	10.2	10.4	9.8	7.8	6.8	5.9	4.9	4.8	3.8	10.7	3.8	7.5
12	3.3	1.5	-0.3	-0.7	-0.3	0.1	2.0	4.3	7.2	7.5	8.0	8.7	10.2	10.4	10.8	10.3	10.8	10.3	8.6	6.0	5.8	5.7	5.7	4.8	10.8	-0.7	5.9
13	3.7	2.8	2.1	1.7	1.5	2.1	2.3	3.6	4.9	6.4	7.4	8.3	8.4	8.3	9.2	9.5	9.3	8.7	8.6	7.4	5.4	4.3	3.9	3.5	9.5	1.5	5.6
14	3.0	1.5	-0.2	-1.4	-1.9	-1.6	-0.4	1.9	5.2	6.5	8.2	7.0	7.2	6.2	6.3	6.8	7.5	7.7	8.3	7.2	6.2	4.7	3.3	2.1	8.3	-1.9	4.2
15	1.8	1.5	1.3	1.1	1.2	1.3	1.9	2.0	3.2	3.9	4.4	5.5	5.1	6.4	6.2	7.4	7.8	7.6	7.6	6.9	5.1	4.5	3.4	2.5	7.8	1.1	4.2
16	1.8	1.0	0.3	-0.5	-0.8	-0.7	0.8	2.6	4.7	6.1	7.1	6.9	8.5	8.7	9.4	8.9	10.5	8.3	9.0	7.8	7.3	6.8	5.6	4.3	10.5	-0.8	5.2
17	3.7	2.2	1.0	0.0	-0.2	0.0	0.9	3.6	7.5	9.2	10.3	11.2	11.4	11.5	11.8	12.3	12.1	11.5	10.8	10.9	10.0	9.3	8.1	7.6	12.3	-0.2	7.4
18	5.9	4.6	3.1	2.4	2.5	1.9	3.8	5.9	10.5	12.1	11.4	11.2	11.7	13.9	12.0	12.2	13.6	12.8	10.9	10.9	10.3	10.0	7.9	7.5	13.9	1.9	8.7
19	6.1	4.2	3.2	2.6	1.9	3.0	4.5	6.4	9.3	10.8	12.6	13.0	13.7	13.6	12.9	11.9	12.1	14.0	13.1	11.8	10.6	10.2	9.7	8.5	14.0	1.9	9.2
20	7.8	5.9	5.1	4.3	4.3	4.7	5.5	6.7	8.6	9.9	12.0	13.0	12.9	13.1	13.7	13.0	13.5	13.7	13.2	12.7	12.2	10.9	10.7	9.6	13.7	4.3	9.9
21	8.4	7.6	7.2	6.3	5.9	8.4	10.5	11.6	12.8	13.7	13.9	13.8	14.2	14.2	13.1	14.5	14.5	14.1	14.4	14.0	13.7	12.5	11.1	10.2	14.5	5.9	11.7
22	9.8	9.4	9.4	9.4	9.0	11.0	11.7	12.1	13.0	14.4	15.6	15.4	15.7	16.3	16.1	15.8	15.5	14.9	15.5	15.0	14.1	12.8	12.0	11.3	16.3	9.0	13.1
23	11.2	10.7	9.1	8.4	8.6	8.9	9.6	9.9	10.3	9.6	9.7	10.4	11.3	13.2	12.2	10.8	11.9	12.7	13.1	12.3	11.6	11.3	10.8	10.0	13.2	8.4	10.7
24	9.0	8.1	7.9	7.5	7.2	7.1	8.0	8.6	9.9	11.0	12.2	14.1	12.7	12.9	14.2	14.9	15.2	15.1	15.1	14.1	10.4	9.1	8.7	8.5	15.2	7.1	10.9
25	7.9	7.5	7.3	7.2	7.1	7.1	7.0	6.5	6.8	7.1	7.2	7.5	7.8	7.8	8.4	8.1	8.7	8.4	8.2	7.8	7.6	7.6	7.5	6.5	8.7	6.5	7.5
26	5.7	4.6	3.6	3.1	3.0	3.6	4.3	6.6	9.3	11.0	11.0	11.9	13.0	13.7	10.3	9.2	10.0	8.7	7.9	8.1	7.7	7.6	7.4	7.1	13.7	3.0	7.9
27	6.7	6.5	6.3	6.0	5.9	5.2	5.3	5.5	6.3	7.1	8.3	9.1	8.9	8.0	8.0	7.8	8.0	7.6	6.9	6.7	6.5	6.2	6.2	6.3	9.1	5.2	6.9
28	5.5	5.7	5.5	5.4	5.3	5.2	5.3	6.3	7.4	9.2	10.5	10.9	11.5	11.3	13.3	11.0	10.7	10.5	8.3	8.0	8.3	8.1	8.4	8.6	13.3	5.2	8.3
29	8.9	7.9	7.6	7.8	7.7	9.1	9.8	10.5	10.3	10.9	10.5	9.4	8.1	10.4	12.5	12.7	12.8	11.7	12.6	12.3	11.1	10.2	9.2	8.2	12.8	7.6	10.1
30	6.8	4.0	2.7	2.4	2.7	3.6	6.4	10.3	11.3	11.6	12.2	13.2	13.1	13.5	14.9	14.8	14.3	14.7	13.9	13.9	13.8	12.9	11.5	10.1	14.9	2.4	10.4
31	10.1	7.8	5.6	5.7	5.2	5.7	6.0	8.9	11.5	12.8	14.4	14.0	13.0	13.3	12.0	12.5	10.5	10.6	9.3	9.1	8.4	7.3	6.5	5.8	14.4	5.2	9.4
Max	11.2	10.7	9.4	9.4	9.0	11.0	11.7	12.1	13.0	14.4	15.6	15.4	15.7	16.3	16.1	15.8	15.5	15.1	15.5	15.0	14.1	12.9	12.0	11.3	16.3		
Min	-7.7	-8.0	-8.1	-8.0	-7.9	-8.1	-7.8	-7.1	-6.3	-5.7	-5.0	-3.9	-3.8	-2.5	-2.5	-1.6	-2.8	-3.9	-4.3	-4.9	-5.7	-6.4	-7.0	-7.4		-8.1	
Avg.	4.2	3.3	2.6	2.2	2.1	2.4	3.4	4.9	6.5	7.3	8.1	8.6	8.8	9.3	9.2	9.1	9.2	8.9	8.5	7.9	7.1	6.4	5.8	5.1			6.3
																									Max Daily Mean		13.1
																									Min Daily Mean		-4.6

Total Hours in month: **744** **Hours Data Available:** **742** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	5.6	5.3	4.9	4.8	3.9	3.1	3.1	3.2	3.2	3.5	4.4	5.4	6.5	7.4	8.0	9.4	10.0	9.3	8.4	7.0	5.6	5.3	5.2	4.8	10.0	3.1	5.7
2	4.3	3.3	2.4	1.7	1.4	1.4	2.0	3.9	6.0	8.3	10.0	11.4	12.9	13.7	14.3	14.9	14.7	14.2	14.6	14.2	13.4	12.7	11.8	11.2	14.9	1.4	9.1
3	10.7	10.4	10.1	9.9	9.6	8.4	8.7	10.2	11.4	13.5	14.6	15.0	14.8	11.8	11.9	12.7	14.7	14.9	13.4	10.1	10.4	9.6	9.3	9.0	15.0	8.4	11.5
4	9.3	9.2	8.5	8.2	8.0	8.1	8.2	8.6	9.3	11.1	12.3	14.5	16.1	17.3	17.2	15.0	16.6	17.1	16.7	13.8	13.1	13.3	12.1	11.7	17.3	8.0	12.3
5	11.8	11.1	11.7	12.0	11.4	12.9	14.1	15.1	16.2	16.7	17.5	17.1	14.7	15.4	14.9	15.8	16.5	15.7	17.1	14.2	12.2	13.0	12.1	12.8	17.5	11.1	14.3
6	12.7	12.3	12.8	12.9	12.4	12.6	11.5	12.7	12.5	12.9	11.5	10.3	10.5	11.8	13.2	12.6	13.6	13.4	13.4	13.8	14.3	13.8	13.5	12.5	14.3	10.3	12.6
7	10.6	9.5	8.6	7.8	8.0	7.9	9.0	11.1	13.8	15.2	17.1	18.6	18.7	18.2	18.4	18.5	17.0	17.3	17.3	17.0	16.9	16.3	15.6	14.7	18.7	7.8	14.3
8	14.7	14.0	13.3	12.6	12.3	13.0	14.5	14.2	15.0	17.0	18.0	18.8	19.8	20.2	20.6	15.9	13.8	14.7	16.4	17.2	17.9	18.0	17.5	16.9	20.6	12.3	16.1
9	15.6	14.5	12.9	11.4	12.0	12.4	12.4	13.2	14.4	15.4	16.2	16.7	16.7	17.5	17.3	16.6	16.5	16.3	16.4	16.5	15.7	13.9	13.0	12.4	17.5	11.4	14.8
10	12.3	11.9	11.5	10.7	11.1	9.8	11.5	12.6	13.9	15.3	16.7	18.6	19.3	19.0	17.7	19.1	19.4	17.2	16.0	17.2	16.6	16.3	15.5	15.9	19.4	9.8	15.2
11	14.5	14.4	13.3	12.2	11.7	12.0	12.8	13.6	14.7	16.3	16.9	18.7	19.3	19.7	19.6	19.5	19.4	18.8	18.3	17.3	16.2	14.4	13.2	12.4	19.7	11.7	15.8
12	12.1	12.0	11.0	10.4	9.9	9.6	9.4	9.3	9.4	9.5	10.2	10.5	10.1	9.6	9.1	6.5	6.5	6.2	6.0	5.9	5.7	5.4	4.8	4.3	12.1	4.3	8.5
13	3.9	4.0	3.6	3.5	3.0	2.8	3.3	3.9	4.3	4.6	4.9	5.4	5.7	6.2	6.6	7.2	7.6	7.4	7.3	6.9	6.7	6.4	6.1	6.2	7.6	2.8	5.3
14	6.2	6.0	5.6	5.6	5.7	5.9	6.2	6.6	7.1	8.4	9.8	11.9	13.7	12.5	12.9	11.9	13.4	14.3	13.5	12.9	12.5	11.6	11.2	10.7	14.3	5.6	9.8
15	10.2	8.8	7.7	6.1	6.0	5.8	7.7	10.4	12.3	12.8	12.1	12.1	13.7	14.7	10.1	7.8	10.0	11.6	12.1	12.5	11.1	10.5	9.0	8.8	14.7	5.8	10.2
16	8.2	6.8	6.2	7.0	8.0	8.5	8.8	9.4	10.9	12.6	12.5	13.0	12.2	12.4	11.9	11.8	13.0	13.0	12.8	11.7	10.9	10.1	9.1	8.4	13.0	6.2	10.4
17	8.2	7.8	7.5	7.1	7.2	7.3	7.6	8.5	8.9	9.3	10.2	11.6	12.5	14.1	14.6	10.2	8.3	8.4	8.9	8.8	9.6	9.6	9.2	8.9	14.6	7.1	9.3
18	8.5	8.5	7.9	7.8	7.1	7.2	7.6	9.4	12.1	13.4	14.7	16.1	17.1	17.0	14.4	16.6	17.5	16.0	16.2	16.5	16.3	15.3	14.6	13.9	17.5	7.1	13.0
19	12.4	11.4	10.7	9.7	9.1	9.3	10.3	11.6	13.2	15.2	17.2	19.3	20.4	21.1	21.8	20.9	19.9	19.6	21.6	19.9	18.5	18.2	17.4	16.4	21.8	9.1	16.0
20	15.5	15.0	13.1	12.7	12.1	12.2	13.0	15.7	17.0	18.4	19.6	19.8	18.8	17.6	18.4	20.4	19.4	18.8	19.6	18.1	16.4	16.5	15.3	14.9	20.4	12.1	16.6
21	13.4	13.3	12.3	10.9	10.9	11.0	11.5	11.5	11.8	13.4	15.5	17.1	19.7	20.7	21.5	21.2	20.8	20.5	20.5	19.4	18.8	18.2	17.6	16.3	21.5	10.9	16.2
22	15.2	13.2	12.0	10.7	11.2	12.4	13.2	15.1	17.1	19.1	19.7	21.4	23.3	23.9	24.3	25.2	25.5	25.1	24.5	23.3	23.4	21.6	20.1	18.5	25.5	10.7	19.1
23	16.7	15.8	15.5	14.0	13.7	14.2	15.1	16.4	18.8	20.2	20.8	22.3	23.7	24.7	25.7	25.7	20.4	19.2	20.0	20.4	19.8	19.9	19.6	19.0	25.7	13.7	19.2
24	18.5	17.6	16.5	17.5	16.6	16.4	18.4	19.6	21.5	22.2	22.4	21.8	23.8	22.4	21.5	21.6	20.7	20.7	19.5	19.2	18.0	16.9	15.6	15.1	23.8	15.1	19.3
25	14.7	14.3	13.6	12.8	12.5	12.9	13.3	13.4	13.8	14.7	15.5	15.9	16.5	17.1	18.5	19.2	19.9	19.8	18.9	17.7	16.6	16.0	15.5	15.0	19.9	12.5	15.8
26	14.6	13.8	12.7	11.2	11.2	12.1	12.0	10.0	9.5	9.3	9.1	9.0	9.3	9.7	10.1	10.7	11.4	11.2	10.0	9.9	9.7	9.7	9.6	9.6	14.6	9.0	10.6
27	9.5	9.7	9.2	9.2	9.2	9.1	9.1	9.7	10.7	12.1	12.6	13.5	14.4	14.8	14.7	14.1	12.8	11.7	10.8	10.3	9.9	9.9	9.9	9.8	14.8	9.1	11.1
28	9.9	9.7	9.5	9.3	9.2	9.2	9.6	9.8	10.2	10.6	11.1	10.8	10.8	10.1	9.9	10.3	10.5	10.5	11.0	11.0	10.9	10.5	10.2	9.9	11.1	9.2	10.2
29	9.7	9.5	9.4	9.4	9.5	9.6	9.7	10.3	11.4	12.7	13.1	14.0	14.2	15.5	16.1	16.8	17.3	17.0	15.7	14.5	13.3	13.5	13.3	13.1	17.3	9.4	12.9
30	12.9	12.0	11.5	11.3	11.0	10.9	11.0	11.2	11.6	11.8	11.9	12.8	13.7	15.2	15.9	16.3	16.0	13.4	13.8	14.6	13.6	11.0	10.8	10.7	16.3	10.7	12.7
Max	18.5	17.6	16.5	17.5	16.6	16.4	18.4	19.6	21.5	22.2	22.4	22.3	23.8	24.7	25.7	25.7	25.5	25.1	24.5	23.3	23.4	21.6	20.1	19.0	25.7		
Min	3.9	3.3	2.4	1.7	1.4	1.4	2.0	3.2	3.2	3.5	4.4	5.4	5.7	6.2	6.6	6.5	6.5	6.2	6.0	5.9	5.6	5.3	4.8	4.3		1.4	
Avg.	11.4	10.8	10.2	9.7	9.5	9.6	10.2	11.0	12.1	13.2	13.9	14.8	15.4	15.7	15.7	15.5	15.4	15.1	15.0	14.4	13.8	13.2	12.6	12.1			12.9
																									Max Daily Mean		19.3
																									Min Daily Mean		5.3

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	10.4	10.0	10.0	10.5	10.5	9.6	10.3	11.4	11.4	12.2	13.6	15.1	14.8	12.4	12.3	14.1	14.8	16.1	15.7	12.2	10.7	10.5	10.3	10.2	16.1	9.6	12.0
2	10.1	9.8	9.8	9.9	10.0	10.0	10.7	11.4	11.8	12.5	13.3	14.8	15.9	15.9	16.9	15.6	17.0	14.4	11.1	11.6	12.0	12.0	11.5	11.0	17.0	9.8	12.5
3	10.8	10.2	9.7	9.1	9.0	9.3	9.5	10.3	10.9	10.9	11.4	12.1	12.5	12.3	12.3	13.0	12.8	12.3	11.8	11.9	12.1	11.7	11.4	11.3	13.0	9.0	11.2
4	11.4	10.5	10.2	10.2	9.6	9.5	8.9	8.9	8.8	9.0	9.4	9.4	9.4	9.6	9.6	9.6	10.0	9.9	10.6	10.7	10.2	10.4	9.7	8.3	11.4	8.3	9.7
5	7.6	5.8	5.2	4.7	4.5	5.1	6.7	8.3	11.3	14.1	15.2	16.0	14.3	10.7	12.7	14.1	14.6	15.9	15.2	14.5	14.1	13.2	12.6	11.9	16.0	4.5	11.2
6	10.8	10.1	8.3	9.0	8.4	8.8	10.0	11.4	13.7	14.8	16.2	16.4	17.2	16.9	18.0	18.6	17.9	13.7	14.1	13.3	13.5	13.5	13.8	12.4	18.6	8.3	13.4
7	11.3	10.9	9.6	9.1	8.6	8.8	13.2	15.4	16.3	16.8	17.7	17.6	18.0	18.9	18.6	18.5	18.7	17.2	16.8	14.3	12.1	11.5	11.3	10.9	18.9	8.6	14.3
8	10.2	10.0	9.5	8.6	8.9	9.1	9.6	9.7	11.2	12.2	12.7	13.3	14.2	15.2	16.0	14.9	16.5	16.6	15.7	15.0	13.8	12.5	11.1	9.8	16.6	8.6	12.3
9	9.1	7.5	5.7	5.5	4.7	5.5	6.8	8.9	11.2	12.7	14.2	15.1	16.1	15.0	15.0	14.6	12.1	14.3	13.7	13.6	12.7	12.1	11.3	10.7	16.1	4.7	11.2
10	9.7	9.6	9.2	9.9	10.5	10.8	10.2	9.6	9.3	8.7	9.0	9.1	9.1	9.0	9.6	9.7	8.9	8.5	8.8	8.8	8.1	7.9	7.7	7.9	10.8	7.7	9.2
11	7.7	7.6	7.6	7.4	7.4	7.2	7.7	8.1	8.6	9.3	10.0	11.3	13.1	14.2	15.1	15.5	16.1	17.0	16.2	16.3	16.1	15.4	13.6	12.4	17.0	7.2	11.7
12	11.1	9.3	7.8	7.1	7.8	7.4	9.1	11.4	13.4	14.0	15.9	17.0	17.9	18.3	18.6	20.1	19.2	18.6	16.8	16.0	15.1	13.7	12.9	12.5	20.1	7.1	13.8
13	12.3	11.8	11.4	11.2	10.5	9.6	10.4	11.1	12.2	13.5	14.5	15.0	15.3	16.5	16.7	15.8	15.6	15.6	14.8	14.8	13.5	13.1	12.6	12.1	16.7	9.6	13.3
14	11.8	11.3	10.9	9.7	9.1	10.1	10.9	11.5	12.7	13.2	15.1	16.5	16.9	16.6	17.4	17.8	18.4	17.8	17.8	17.3	16.1	15.2	14.6	14.1	18.4	9.1	14.3
15	13.0	12.5	12.4	12.0	11.4	11.0	11.4	12.3	12.9	14.4	15.5	16.4	16.1	16.0	16.1	15.0	14.7	13.9	12.3	11.5	11.0	11.1	10.7	10.6	16.4	10.6	13.1
16	9.1	8.7	8.4	8.1	7.8	7.7	7.7	7.9	8.0	8.0	8.0	8.3	8.5	8.3	8.3	8.4	8.6	8.7	9.0	9.1	9.0	9.3	9.2	9.1	9.3	7.7	8.5
17	8.8	8.5	8.6	8.4	8.4	8.5	8.8	9.9	10.3	10.6	11.0	10.7	11.0	12.0	13.0	13.1	13.2	13.2	12.9	12.1	11.2	10.6	9.9	9.5	13.2	8.4	10.6
18	9.2	8.9	8.7	8.5	8.2	8.4	8.6	9.3	9.4	10.0	10.8	10.9	11.6	11.9	12.0	12.4	12.4	12.7	12.5	12.2	11.6	10.6	10.3	9.9	12.7	8.2	10.5
19	9.9	9.1	9.0	8.7	8.7	9.6	9.5	9.7	9.8	9.9	10.0	10.1	10.4	10.7	11.0	11.7	11.8	11.7	11.5	11.2	10.7	10.1	10.7	10.7	11.8	8.7	10.3
20	10.2	10.0	9.6	9.2	8.8	8.4	8.5	8.8	9.2	10.0	10.6	11.4	13.0	14.8	15.5	16.4	17.0	17.8	17.4	17.0	16.4	16.3	15.4	14.4	17.8	8.4	12.8
21	13.2	12.3	12.5	11.4	11.1	11.0	12.1	12.8	13.2	14.7	15.6	16.3	16.7	17.2	17.1	16.7	16.0	16.4	16.4	15.4	14.7	14.3	13.5	12.6	17.2	11.0	14.3
22	11.8	11.6	11.1	11.0	11.0	11.4	12.4	13.8	14.1	16.1	17.8	18.4	19.5	19.4	19.1	19.6	20.3	20.1	20.2	20.6	19.0	17.1	15.7	15.5	20.6	11.0	16.1
23	15.6	15.3	14.9	13.6	12.5	12.1	12.2	13.0	13.1	13.1	13.5	13.7	14.9	15.9	16.5	17.4	16.8	17.0	16.3	14.9	14.0	14.0	13.6	12.2	17.4	12.1	14.4
24	11.8	10.9	11.3	11.2	10.7	10.6	10.7	11.0	11.8	11.4	11.4	11.3	11.6	12.0	12.9	13.1	13.7	13.4	14.8	13.9	13.4	12.8	12.3	12.2	14.8	10.6	12.1
25	12.0	11.5	10.9	10.4	10.2	10.3	10.6	10.8	11.4	12.0	13.6	15.1	15.7	16.3	16.9	17.1	17.2	18.2	18.6	18.1	17.0	16.4	14.9	13.9	18.6	10.2	14.1
26	12.4	10.9	10.4	9.6	9.7	9.4	9.8	11.3	13.5	16.9	19.7	20.6	21.2	21.5	22.1	23.7	23.6	23.5	24.1	23.4	22.2	20.7	19.3	17.6	24.1	9.4	17.4
27	15.8	14.0	12.9	12.0	12.8	12.7	14.1	14.7	15.2	16.6	18.0	19.1	20.3	21.2	21.8	22.5	22.7	23.0	22.8	20.7	19.7	18.6	17.6	16.8	23.0	12.0	17.7
28	15.9	15.3	14.4	13.3	12.2	11.9	12.5	13.8	16.6	18.0	19.3	20.3	21.6	23.0	23.6	23.5	25.4	24.7	24.5	23.9	22.5	20.7	19.9	18.9	25.4	11.9	19.0
29	17.2	16.4	14.5	14.3	13.5	14.1	14.2	13.9	15.4	17.9	19.3	20.6	20.8	22.0	19.5	20.6	21.3	20.9	21.2	20.3	17.5	15.7	15.0	14.6	22.0	13.5	17.5
30	14.1	13.9	13.3	12.4	12.0	12.2	12.1	12.8	13.7	14.4	15.8	17.3	18.1	18.7	19.4	20.2	19.4	18.6	17.1	15.2	13.4	12.1	11.5	11.1	20.2	11.1	15.0
31	11.1	10.1	10.3	10.3	10.2	10.1	10.3	10.6	11.1	12.2	13.5	14.7	15.0	15.5	16.1	17.0	17.0	17.1	15.5	14.9	14.4	13.7	12.7	12.5	17.1	10.1	13.2
Max	17.2	16.4	14.9	14.3	13.5	14.1	14.2	15.4	16.6	18.0	19.7	20.6	21.6	23.0	23.6	23.7	25.4	24.7	24.5	23.9	22.5	20.7	19.9	18.9	25.4		
Min	7.6	5.8	5.2	4.7	4.5	5.1	6.7	7.9	8.0	8.0	8.0	8.3	8.5	8.3	8.3	8.4	8.6	8.5	8.8	8.8	8.1	7.9	7.7	7.9		4.5	
Avg.	11.5	10.8	10.3	9.9	9.6	9.7	10.3	11.1	12.0	12.9	13.9	14.6	15.2	15.4	15.8	16.1	16.2	16.1	15.7	15.0	14.1	13.4	12.8	12.2			13.1
																									Max Daily Mean		19.0
																									Min Daily Mean		8.5

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	11.8	11.3	10.8	9.9	8.4	9.0	11.5	12.9	14.5	15.8	16.7	17.9	16.4	16.3	17.2	16.7	18.4	17.7	17.2	16.1	14.9	14.1	13.0	12.0	18.4	8.4	14.2
2	10.8	9.0	8.9	8.3	8.1	8.4	9.2	9.8	11.3	12.2	13.9	15.4	15.6	15.3	15.2	14.9	14.3	13.5	12.7	11.6	10.2	8.2	7.6	7.4	15.6	7.4	11.3
3	7.5	7.1	6.8	6.6	6.1	5.9	6.3	6.7	7.2	7.5	7.8	9.7	9.6	8.3	8.4	9.5	9.0	8.6	8.7	9.2	9.4	9.3	9.3	9.0	9.7	5.9	8.1
4	8.9	8.6	7.7	6.9	6.1	5.8	5.8	6.4	7.1	8.5	10.7	12.2	12.8	13.6	13.0	12.6	11.8	10.9	10.5	10.3	10.3	9.7	9.2	9.2	13.6	5.8	9.5
5	8.6	8.3	8.0	7.7	7.2	6.6	6.6	7.1	8.9	9.8	11.4	12.5	13.4	14.9	15.4	15.4	11.1	12.0	12.9	13.1	13.0	12.2	11.1	10.2	15.4	6.6	10.7
6	8.9	7.8	6.5	5.7	5.6	5.9	6.0	6.5	7.5	9.4	11.3	13.2	13.9	14.9	15.4	15.6	16.0	16.0	15.1	14.8	14.6	14.2	13.4	13.4	16.0	5.6	11.3
7	12.2	11.2	10.0	9.5	8.9	8.6	8.9	10.2	12.2	15.1	16.3	17.4	18.5	17.9	17.9	16.4	16.1	14.4	13.6	11.6	10.3	9.9	9.7	9.3	18.5	8.6	12.8
8	9.3	9.3	9.5	9.2	8.9	8.1	8.1	8.7	9.2	9.8	10.7	11.7	12.9	14.0	15.0	14.8	15.4	14.7	14.1	13.7	13.3	12.5	12.3	12.0	15.4	8.1	11.6
9	11.6	11.2	10.9	10.5	9.7	9.4	9.2	10.2	11.5	11.8	12.7	13.7	14.2	15.0	16.3	17.5	17.8	17.2	16.4	15.3	13.7	12.9	12.2	11.2	17.8	9.2	13.0
10	9.6	8.4	7.5	7.3	6.5	6.2	6.3	7.3	9.3	11.5	13.9	15.1	16.5	16.7	17.0	18.3	18.4	18.4	17.6	16.8	15.4	14.6	13.4	11.9	18.4	6.2	12.7
11	11.2	9.6	8.8	8.4	7.4	6.3	7.1	8.1	10.5	12.9	15.6	17.0	18.1	18.4	18.6	19.1	18.6	18.1	17.9	17.5	16.8	16.4	15.9	15.4	19.1	6.3	13.9
12	13.9	12.9	11.8	11.7	10.6	11.0	11.4	11.8	12.7	13.9	15.9	17.7	18.1	17.7	17.9	17.6	16.4	13.7	13.4	12.8	12.7	12.1	12.3	11.8	18.1	10.6	13.8
13	11.1	9.6	9.8	9.1	9.2	9.6	9.2	10.0	11.6	13.8	15.6	17.7	17.9	16.9	17.5	19.2	19.9	20.2	19.8	19.3	17.9	16.6	15.4	13.8	20.2	9.1	14.6
14	12.7	11.2	10.0	9.6	9.9	9.4	10.0	11.0	12.8	15.6	17.8	19.6	20.8	21.7	22.4	23.0	23.1	22.8	21.7	21.2	20.2	18.4	17.9	15.7	23.1	9.4	16.6
15	14.6	13.9	13.3	11.8	10.8	10.9	10.9	12.5	13.3	15.8	17.7	19.2	20.4	20.4	20.7	21.1	20.9	20.6	19.6	19.0	18.2	18.0	17.3	16.9	21.1	10.8	16.6
16	16.5	15.7	14.7	14.2	13.3	13.0	13.0	13.5	13.6	14.3	15.1	15.6	16.8	17.3	19.0	18.4	18.6	18.6	17.7	16.6	14.9	14.4	14.0	13.3	19.0	13.0	15.5
17	12.9	11.8	11.8	11.2	10.3	10.5	10.5	10.9	11.3	11.0	11.5	12.5	13.3	13.5	13.8	14.0	13.8	13.6	12.9	12.7	11.7	11.1	10.4	9.9	14.0	9.9	12.0
18	8.9	7.8	7.1	6.3	5.5	4.5	4.0	6.5	7.8	10.3	12.8	15.0	16.4	17.6	18.0	18.4	18.2	16.9	15.6	14.8	14.5	14.0	12.7	12.4	18.4	4.0	11.9
19	12.6	11.4	11.0	10.6	10.5	9.8	10.8	11.7	12.9	13.8	14.6	16.6	18.1	18.5	18.7	18.6	18.8	18.3	17.5	16.0	14.3	13.4	13.0	12.4	18.8	9.8	14.3
20	11.6	10.5	9.4	9.1	8.1	7.6	8.5	7.5	8.3	9.8	11.2	13.4	14.6	15.7	15.5	15.4	15.7	15.2	13.5	12.3	10.9	10.4	9.5	9.0	15.7	7.5	11.4
21	8.8	8.4	7.8	7.5	7.2	7.0	7.1	7.4	7.9	8.2	8.5	8.9	9.5	10.5	10.2	10.7	10.6	11.4	10.3	9.6	8.8	8.4	7.6	6.7	11.4	6.7	8.7
22	5.6	4.3	2.8	3.0	2.8	2.2	2.3	3.5	4.6	7.2	10.4	13.2	14.6	15.6	16.9	17.7	18.5	18.6	18.4	17.2	16.1	15.3	14.4	13.6	18.6	2.2	10.8
23	13.1	12.3	11.0	11.6	10.3	10.1	11.2	12.4	13.8	15.0	16.7	16.8	17.3	18.1	17.9	18.1	17.6	16.6	15.2	13.9	13.2	12.7	11.7	10.6	18.1	10.1	14.1
24	11.0	9.9	9.4	7.9	6.4	6.2	6.2	6.9	9.6	11.4	13.3	13.6	14.6	15.9	15.9	15.8	14.8	14.3	13.8	12.9	10.3	9.5	9.2	8.6	15.9	6.2	11.1
25	8.5	8.0	7.6	7.6	7.1	6.7	6.6	7.0	7.8	8.6	8.7	8.9	9.6	9.3	9.7	11.4	11.6	11.6	11.0	10.1	9.4	9.2	9.0	8.6	11.6	6.6	8.9
26	8.1	7.8	7.6	7.3	6.3	6.2	5.8	5.9	6.0	7.1	7.9	8.5	8.9	9.7	11.1	10.9	10.4	9.8	9.2	8.6	8.5	8.1	7.8	7.6	11.1	5.8	8.1
27	7.5	7.5	7.3	7.5	7.6	7.7	7.7	7.8	7.9	7.9	8.3	8.8	9.1	9.4	8.8	8.1	7.4	6.8	5.4	4.0	3.8	3.6	3.7	3.6	9.4	3.6	7.0
28	3.1	3.1	3.3	3.1	2.9	3.0	2.9	2.6	3.3	3.8	4.2	5.0	5.7	6.8	6.9	7.4	7.7	8.1	7.3	6.8	6.7	5.1	3.9	3.2	8.1	2.6	4.8
29	2.5	1.0	0.2	0.7	0.2	-0.5	-1.1	-0.8	0.5	2.7	5.3	8.5	10.4	11.2	12.9	13.5	13.8	13.9	13.5	13.2	13.0	12.3	11.3	10.0	13.9	-1.1	7.0
30	8.9	7.5	7.1	7.4	6.7	7.3	7.4	8.4	8.9	10.7	12.2	14.7	17.1	18.7	19.6	19.8	19.2	19.2	17.9	16.3	15.4	14.7	14.1	13.5	19.8	6.7	13.0
31	13.5	12.6	11.6	10.2	9.7	9.1	8.5	7.8	7.9	8.5	9.6	11.0	11.6	12.2	12.4	13.6	13.7	13.2	12.3	11.2	10.9	9.4	10.4	10.0	13.7	7.8	10.9
Max	16.5	15.7	14.7	14.2	13.3	13.0	13.0	13.5	14.5	15.8	17.8	19.6	20.8	21.7	22.4	23.0	23.1	22.8	21.7	21.2	20.2	18.4	17.9	16.9	23.1		
Min	2.5	1.0	0.2	0.7	0.2	-0.5	-1.1	-0.8	0.5	2.7	4.2	5.0	5.7	6.8	6.9	7.4	7.4	6.8	5.4	4.0	3.8	3.6	3.7	3.2		-1.1	
Avg.	10.2	9.3	8.7	8.3	7.7	7.5	7.7	8.3	9.4	10.8	12.2	13.6	14.4	14.9	15.3	15.6	15.4	15.0	14.3	13.5	12.7	12.0	11.4	10.7			11.6
																									Max Daily Mean		16.6
																									Min Daily Mean		4.8

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 2m A (Deg C)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	9.5	10.1	8.0	8.7	8.6	8.8	7.4	7.9	9.0	9.4	9.8	9.6	10.5	10.7	9.9	9.9	10.0	10.1	9.1	8.3	7.8	7.3	7.1	6.9	10.7	6.9	8.9
2	7.0	7.1	6.7	6.8	6.5	6.3	6.5	7.0	7.6	8.3	10.1	11.4	12.5	13.9	14.0	14.3	14.1	14.0	13.1	11.5	10.5	9.8	9.3	9.1	14.3	6.3	9.9
3	8.2	8.5	7.8	6.9	6.4	6.9	6.7	7.1	9.7	11.0	11.3	11.8	12.0	12.3	12.7	13.3	13.3	12.9	13.1	12.6	12.4	12.1	11.7	11.3	13.3	6.4	10.5
4	9.2	7.9	7.0	6.9	7.3	7.1	6.9	7.1	7.8	8.2	9.5	10.8	12.7	13.7	14.5	13.8	13.0	12.2	11.3	10.8	10.5	10.3	9.8	9.1	14.5	6.9	9.9
5	8.7	9.0	8.1	8.9	8.8	8.7	8.6	10.1	11.0	11.7	12.4	12.7	13.2	13.4	12.4	12.0	11.5	11.3	10.4	9.9	9.3	8.9	7.8	7.7	13.4	7.7	10.3
6	7.1	6.7	6.7	6.4	6.1	5.4	5.3	5.2	5.0	5.5	6.0	6.4	7.2	8.2	7.8	5.0	5.4	5.2	4.8	4.4	4.1	4.1	3.9	4.0	8.2	3.9	5.7
7	3.4	2.8	2.6	2.2	2.3	1.9	1.7	1.6	1.8	2.3	3.0	3.7	4.7	6.2	6.7	6.1	6.9	6.8	6.3	5.2	3.7	3.7	3.2	2.2	6.9	1.6	3.8
8	0.9	0.6	0.4	0.2	-0.8	-0.7	-0.9	-0.1	1.1	3.4	5.2	6.9	7.7	8.2	7.6	6.6	5.6	5.0	4.6	4.8	4.6	3.6	3.2	2.5	8.2	-0.9	3.3
9	2.4	1.8	2.0	1.8	1.7	1.8	1.8	2.1	2.7	4.4	5.7	6.5	6.9	6.8	6.9	6.5	6.1	5.1	3.9	2.6	2.2	2.2	1.8	1.7	6.9	1.7	3.6
10	1.4	1.4	1.1	1.1	0.7	0.4	0.1	0.3	0.6	1.4	1.8	1.9	2.4	3.7	3.9	3.6	3.4	3.1	2.9	2.3	2.2	1.6	1.2	0.1	3.9	0.1	1.8
11	-0.5	-1.3	-2.4	-3.0	-2.9	-2.8	-4.0	-2.6	-0.4	1.2	2.7	4.0	5.4	6.1	6.6	6.4	6.3	6.2	5.8	4.7	4.1	3.2	2.4	2.4	6.6	-4.0	2.0
12	1.5	0.9	1.0	-0.5	-1.3	-2.1	-2.0	-1.6	0.3	4.2	5.4	6.4	7.3	7.6	8.2	8.1	8.0	7.9	7.0	6.6	6.4	5.8	5.1	5.1	8.2	-2.1	4.0
13	4.6	3.6	3.8	3.7	3.5	2.5	2.4	1.9	2.1	2.4	2.9	3.8	4.6	5.1	5.3	5.5	5.4	5.0	4.6	4.5	3.8	3.6	3.1	2.5	5.5	1.9	3.8
14	1.2	0.4	-0.5	-1.5	-1.3	-0.7	-1.0	-1.2	-0.5	0.9	1.4	3.2	4.9	5.5	5.6	6.4	6.7	6.5	6.4	6.4	5.8	5.4	5.4	4.8	6.7	-1.5	2.9
15	3.5	2.7	2.8	2.8	2.6	2.3	1.6	1.7	3.2	5.3	6.6	8.6	10.2	10.9	11.4	11.6	10.9	10.4	10.0	9.7	9.5	9.4	9.4	9.4	11.6	1.6	6.9
16	9.3	9.4	9.5	9.1	8.9	8.9	9.5	9.3	10.0	10.8	11.6	12.9	14.1	15.4	16.4	15.9	15.7	15.3	14.4	13.1	12.4	11.9	10.6	9.7	16.4	8.9	11.8
17	8.4	8.3	8.6	8.6	8.1	7.4	7.2	8.1	8.5	9.3	9.4	9.8	9.5	10.3	10.2	9.3	8.4	9.1	8.3	6.7	6.2	5.8	5.4	5.3	10.3	5.3	8.2
18	4.8	3.9	2.8	1.4	2.1	2.4	2.8	3.6	4.6	5.9	7.0	7.5	8.1	8.1	8.4	9.1	8.6	8.6	8.0	7.6	7.6	7.0	6.6	6.1	9.1	1.4	5.9
19	5.9	5.3	5.2	4.0	6.4	7.4	8.2	7.8	8.3	8.9	10.0	11.7	13.1	14.7	15.0	15.4	15.5	16.0	15.5	15.3	14.4	13.9	13.5	13.1	16.0	4.0	11.0
20	12.2	10.9	10.7	9.6	9.4	9.5	10.5	10.2	11.5	11.4	12.3	11.7	10.4	10.3	11.0	11.7	12.5	13.0	13.6	11.9	11.2	11.7	11.0	11.7	13.6	9.4	11.2
21	13.6	14.7	14.6	14.1	13.3	12.0	10.9	9.7	10.0	10.8	11.9	13.1	13.6	13.6	13.6	14.1	13.7	13.9	13.8	14.1	14.1	13.8	13.8	13.8	14.7	9.7	13.1
22	14.6	15.4	15.7	15.5	15.1	14.9	13.9	14.4	14.6	15.6	16.1	16.4	17.1	17.7	18.2	18.2	17.2	16.3	15.7	15.7	15.9	15.7	15.7	15.4	18.2	13.9	15.9
23	14.6	13.7	12.2	11.8	11.5	10.2	9.4	11.0	12.3	12.9	13.4	14.4	15.8	15.3	15.1	13.9	13.3	12.5	11.3	10.6	10.1	9.7	8.8	7.0	15.8	7.0	12.1
24	4.7	3.3	2.5	2.2	1.8	1.3	1.0	0.8	1.2	1.5	2.0	2.3	3.6	4.4	6.0	6.8	6.7	7.2	6.7	5.8	4.9	3.7	2.4	1.7	7.2	0.8	3.5
25	1.5	1.9	0.3	0.6	0.1	0.0	0.4	0.8	1.5	2.7	6.8	8.4	11.0	12.3	12.1	11.9	10.9	10.5	9.6	8.5	7.6	7.3	7.2	7.8	12.3	0.0	5.9
26	8.2	7.5	6.8	6.3	6.8	7.0	6.0	4.9	5.7	5.1	7.1	8.1	10.0	11.5	12.2	11.9	12.4	11.1	10.0	9.2	7.8	7.9	7.4	7.2	12.4	4.9	8.3
27	6.5	5.9	5.6	5.2	5.2	4.6	2.8	2.2	2.4	2.6	3.1	3.7	4.5	5.4	6.2	7.0	8.7	8.8	7.2	7.1	6.2	5.2	4.1	3.4	8.8	2.2	5.2
28	1.8	1.8	1.6	1.1	1.8	2.2	4.3	5.4	5.5	6.2	6.5	7.6	8.3	9.2	9.4	9.5	9.2	8.8	8.4	7.8	7.4	6.9	6.5	5.5	9.5	1.1	5.9
29	4.9	4.3	3.0	2.0	2.5	2.0	0.5	1.8	2.4	2.9	5.2	6.5	7.6	8.1	7.4	6.7	5.5	4.5	3.6	2.6	1.9	-0.8	-1.6	-1.7	8.1	-1.7	3.4
30	-1.8	-2.0	-1.9	-2.1	-2.1	-2.1	-2.1	-2.0	-1.8	-1.4	-1.2	-0.9	-0.7	-0.3	0.0	0.1	0.0	-0.4	-0.6	-0.7	-1.5	-1.9	-2.0	-1.7	0.1	-2.1	-1.3
Max	14.6	15.4	15.7	15.5	15.1	14.9	13.9	14.4	14.6	15.6	16.1	16.4	17.1	17.7	18.2	18.2	17.2	16.3	15.7	15.7	15.9	15.7	15.7	15.4	18.2		
Min	-1.8	-2.0	-2.4	-3.0	-2.9	-2.8	-4.0	-2.6	-1.8	-1.4	-1.2	-0.9	-0.7	-0.3	0.0	0.1	0.0	-0.4	-0.6	-0.7	-1.5	-1.9	-2.0	-1.7		-4.0	
Avg.	5.9	5.6	5.1	4.7	4.6	4.5	4.2	4.5	5.3	6.2	7.2	8.0	8.9	9.6	9.8	9.7	9.5	9.2	8.6	8.0	7.4	7.0	6.5	6.1			6.9
																									Max Daily Mean		15.9
																									Min Daily Mean		-1.3

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.2	0.6	0.4	-0.5	-0.5	-1.0	-1.7	-1.2	-0.7	-0.3	0.6	2.6	4.2	5.0	5.3	5.4	5.6	5.8	5.7	5.5	5.3	5.5	5.5	5.2	5.8	-1.7	2.6
2	5.6	6.0	5.9	5.4	5.2	5.1	4.7	4.8	5.3	5.9	6.9	8.0	8.7	8.3	8.1	7.7	7.5	6.9	6.4	6.4	6.1	6.1	5.0	5.2	8.7	4.7	6.3
3	5.6	5.5	5.5	5.6	5.0	4.1	4.3	4.5	4.3	4.6	5.6	6.2	6.4	6.7	6.9	6.4	5.6	5.1	4.0	3.4	2.5	1.2	1.0	1.1	6.9	1.0	4.6
4	0.7	0.5	0.2	0.1	0.3	-0.6	-1.1	-1.0	-1.0	OutCal	OutCal	OutCal	OutCal	3.6	4.4	4.4	3.6	3.1	2.7	2.3	1.6	1.4	0.7	0.8	4.4	-1.1	1.3
5	0.5	-0.2	0.2	-0.1	-0.5	-1.4	-1.6	-2.6	-2.2	-2.2	1.1	2.8	4.0	4.6	5.3	5.8	5.2	4.6	4.0	3.6	3.4	3.4	3.0	3.0	5.8	-2.6	1.8
6	1.7	1.0	1.6	1.1	0.2	0.1	-0.7	-0.8	0.0	0.1	1.2	2.8	4.8	6.0	6.3	6.2	6.1	5.7	5.6	5.5	5.2	4.9	3.4	2.7	6.3	-0.8	2.9
7	2.3	1.7	1.9	1.4	0.7	-0.1	-0.3	-0.7	-0.9	-0.9	0.3	0.3	1.2	3.0	4.0	4.5	4.0	4.0	3.7	2.8	1.7	1.3	0.7	0.2	4.5	-0.9	1.5
8	0.2	-0.1	0.0	0.4	0.3	0.1	-0.4	-0.9	-1.2	-1.0	0.3	2.0	2.6	3.1	3.6	3.5	3.4	3.2	2.8	2.6	2.1	1.7	0.8	-0.2	3.6	-1.2	1.2
9	-0.4	-0.6	-1.2	-1.5	-2.0	-2.3	-2.5	-2.8	-2.9	-2.5	-2.0	-1.3	0.0	2.0	2.7	2.9	3.0	2.5	1.9	1.4	0.5	-0.7	-1.2	-2.5	3.0	-2.9	-0.4
10	-2.7	-2.8	-3.5	-3.5	-4.0	-5.2	-5.9	-6.8	-6.4	-5.5	-4.5	-3.4	-3.1	-2.6	-2.0	-1.7	-1.9	-2.1	-2.3	-2.4	-2.4	-2.5	-2.6	-2.6	-1.7	-6.8	-3.4
11	-2.6	-2.8	-3.0	-3.6	-3.7	-3.7	-3.8	-3.9	-4.0	-4.0	-3.9	-2.8	-1.7	-1.3	-0.9	-0.8	-1.3	-1.8	-2.4	-2.8	-3.2	-3.3	-3.5	-3.8	-0.8	-4.0	-2.9
12	-4.1	-4.3	-4.6	-4.8	-4.9	-5.1	-5.1	-5.3	-5.7	-5.9	-5.9	-4.7	-3.9	-3.4	-3.1	-3.2	-3.6	-4.5	-4.9	-5.3	-5.7	-5.8	-5.9	-6.4	-3.1	-6.4	-4.8
13	-7.2	-7.7	-8.9	-9.6	-9.5	-9.5	-9.6	-9.8	-9.0	-8.3	-7.9	-7.3	-6.3	-5.2	-4.4	-4.0	-3.5	-3.4	-3.7	-3.7	-3.4	-3.2	-3.7	-2.9	-2.9	-9.8	-6.3
14	-3.3	-4.3	-2.8	-3.3	-2.8	-3.0	-2.5	-0.7	-0.3	0.3	0.6	0.9	1.9	2.9	3.2	3.3	3.4	3.4	3.2	2.8	3.0	2.5	2.1	2.4	3.4	-4.3	0.5
15	1.7	2.2	2.0	1.9	-0.3	0.5	0.6	1.4	1.6	2.4	2.7	3.1	3.1	3.9	4.4	3.8	3.1	3.1	2.7	1.9	0.9	0.2	-0.2	-0.1	4.4	-0.3	1.9
16	-0.6	-0.8	-1.1	-1.7	-1.7	-2.0	-2.4	-2.4	-2.9	-2.8	-2.3	-1.3	0.0	0.8	1.4	1.1	0.8	0.5	0.1	-0.4	-1.0	-1.2	-1.4	-1.6	1.4	-2.9	-1.0
17	-1.6	-2.6	-2.9	-3.1	-2.9	-2.7	-3.4	-3.5	-2.9	-2.4	-2.2	-2.4	-1.8	-1.4	-1.1	-0.8	-0.7	-0.7	-0.9	-1.1	-1.5	-2.3	-2.9	-3.0	-0.7	-3.5	-2.1
18	-3.5	-3.6	-4.4	-4.4	-5.0	-3.7	-3.4	-2.3	-3.4	-3.2	-3.2	-2.9	-2.9	-1.9	-2.0	-2.0	-2.4	-2.9	-3.3	-3.6	-4.0	-4.2	-4.4	-4.5	-1.9	-5.0	-3.4
19	-4.7	-4.8	-5.0	-5.1	-5.3	-5.5	-5.4	-5.4	-6.0	-5.8	-5.8	-5.4	-5.0	-4.5	-4.3	-4.4	-4.5	-4.7	-4.8	-5.3	-5.8	-6.6	-7.1	-7.6	-4.3	-7.6	-5.4
20	-7.5	-8.8	-8.6	-9.2	-9.8	-9.8	-9.8	-9.9	-10.1	-9.9	-8.9	-6.9	-5.2	-4.2	-3.4	-3.4	-3.3	-3.8	-4.1	-4.7	-5.3	-7.3	-8.0	-9.1	-3.3	-10.1	-7.1
21	-8.9	-9.7	-10.5	-10.7	-10.3	-10.7	-11.1	-11.3	-11.2	-10.6	-9.5	-8.1	-6.7	-5.1	-2.7	-2.1	-2.4	-2.4	-2.9	-3.8	-5.8	-5.8	-6.8	-8.1	-2.1	-11.3	-7.4
22	-8.5	-9.1	-9.7	-9.7	-10.1	-10.4	-10.2	-10.3	-10.4	-9.7	-8.8	-7.5	-5.7	-4.5	-3.4	-3.1	-3.8	-3.9	-4.5	-5.3	-6.1	-6.8	-7.5	-8.2	-3.1	-10.4	-7.4
23	-8.1	-8.8	-8.5	-8.8	-9.4	-9.2	-9.2	-9.4	-9.5	-8.8	-8.5	-7.8	-7.6	-6.4	-5.6	-5.1	-4.8	-4.8	-5.0	-4.7	-4.9	-5.3	-5.5	-5.5	-4.7	-9.5	-7.1
24	-5.8	-5.5	-6.0	-6.5	-7.3	-6.8	-7.5	-8.5	-8.6	-8.9	-8.9	-7.6	-7.1	-5.5	-5.1	-4.4	-4.0	-4.1	-2.9	-2.2	-3.4	-2.8	-2.6	-2.8	-2.2	-8.9	-5.6
25	-1.1	0.5	0.6	2.3	3.6	3.5	4.3	4.1	4.7	5.0	5.1	4.7	5.1	4.2	3.3	2.2	1.1	0.7	0.5	0.6	0.5	1.1	1.1	0.8	5.1	-1.1	2.4
26	0.3	-0.3	-1.0	-0.8	-0.8	-1.1	-2.0	-2.7	-2.7	-2.9	-3.0	-3.6	-3.6	-3.3	-3.6	-4.0	-4.7	-5.1	-5.5	-5.6	-5.8	-5.9	-5.9	-6.0	0.3	-6.0	-3.3
27	-6.6	-6.8	-7.1	-7.6	-8.0	-8.2	-8.9	-9.7	-10.1	-10.5	-10.5	-10.2	-9.0	-7.7	-6.6	-7.3	-7.8	-8.2	-8.5	-9.3	-9.9	-10.9	-11.4	-12.2	-6.6	-12.2	-8.9
28	-12.2	-12.4	-12.8	-12.3	-12.6	-12.3	-12.4	-12.6	-12.1	-9.9	-10.8	-8.1	-4.6	-3.1	-2.7	-3.5	-4.8	-4.4	-5.1	-6.0	-5.2	-3.9	-4.2	-4.5	-2.7	-12.8	-8.0
29	-5.0	-6.4	-6.2	-5.4	-5.7	-5.9	-5.7	-6.4	-5.1	-5.0	-4.3	-3.6	-2.4	-2.1	-1.9	-2.1	-2.6	-3.2	-4.4	-5.3	-6.7	-7.9	-8.1	-8.1	-1.9	-8.1	-5.0
30	-8.3	-8.1	-7.5	-8.2	-9.1	-10.5	-10.5	-10.8	-11.0	-11.0	-10.8	-10.5	-10.1	-9.9	-10.1	-10.3	-10.4	-10.4	-10.8	-10.8	-11.1	-11.2	-11.2	-11.6	-7.5	-11.6	-10.2
31	-11.6	-11.8	-12.1	-12.1	-12.6	-12.6	-13.2	-14.1	-14.5	-14.8	-14.6	-14.6	-14.4	-14.0	-13.8	-13.4	-13.2	-13.9	-14.5	-14.1	-14.4	-14.9	-15.0	-15.7	-11.6	-15.7	-13.7
Max	5.6	6.0	5.9	5.6	5.2	5.1	4.7	4.8	5.3	5.9	6.9	8.0	8.7	8.3	8.1	7.7	7.5	6.9	6.4	6.4	6.1	6.1	5.5	5.2	8.7		
Min	-12.2	-12.4	-12.8	-12.3	-12.6	-12.6	-13.2	-14.1	-14.5	-14.8	-14.6	-14.6	-14.4	-14.0	-13.8	-13.4	-13.2	-13.9	-14.5	-14.1	-14.4	-14.9	-15.0	-15.7		-15.7	
Avg.	-3.0	-3.4	-3.5	-3.7	-4.0	-4.2	-4.4	-4.5	-4.5	-4.3	-3.7	-2.9	-2.0	-1.0	-0.6	-0.6	-0.9	-1.2	-1.5	-1.9	-2.3	-2.7	-3.1	-3.4			-2.8
																									Max Daily Mean		6.3
																									Min Daily Mean		-13.7

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-15.5	-15.3	-15.9	-16.4	-16.9	-16.8	-16.3	-16.2	-14.5	-14.5	-13.9	-14.0	-13.6	-13.7	-14.1	-14.5	-14.8	-14.9	-15.1	-15.3	-15.7	-15.4	-15.5	-15.9	-13.6	-16.9	-15.2
2	-15.7	-16.4	-18.0	-21.5	-22.3	-22.1	-22.1	-22.2	-23.4	-23.3	-22.5	-22.3	-20.7	-19.7	-18.9	-18.3	-18.6	-18.6	-19.1	-18.5	-19.2	-19.0	-19.6	-18.9	-15.7	-23.4	-20.0
3	-21.2	-19.9	-19.4	-19.1	-19.0	-15.7	-16.1	-15.2	-13.3	-11.7	-11.0	-10.8	-10.4	-9.8	-9.2	-8.9	-8.8	-8.2	-7.4	-7.7	-7.4	-7.1	-7.1	-6.7	-6.7	-21.2	-12.1
4	-7.3	-6.6	-6.6	-6.9	-7.1	-7.3	-6.7	-6.4	-6.8	-7.2	-7.5	-7.6	-7.9	-7.6	-7.5	-7.5	-7.5	-7.8	-8.5	-8.3	-8.1	-9.0	-9.8	-10.4	-6.4	-10.4	-7.7
5	-11.0	-11.6	-12.1	-12.5	-12.5	-12.8	-12.9	-13.0	-13.5	-13.8	-14.5	-14.2	-14.3	-14.5	-14.3	-14.1	-14.6	-14.1	-14.7	-15.2	-17.1	-17.0	-15.9	-13.0	-11.0	-17.1	-13.9
6	-12.2	-11.3	-10.7	-10.3	-9.8	-9.8	-9.3	-9.4	-9.0	-9.0	-8.9	-7.7	-7.3	-7.1	-6.7	-6.9	-8.3	-9.3	-8.6	-9.7	-9.8	-9.8	-10.4	-10.4	-6.7	-12.2	-9.2
7	-10.8	-10.8	-10.7	-9.6	-10.4	-11.9	-12.5	-13.0	-13.0	-13.2	-13.3	-13.3	-13.4	-13.5	-13.5	-13.6	-13.7	-13.9	-14.2	-14.4	-14.8	-15.4	-15.6	-15.8	-9.6	-15.8	-13.1
8	-16.0	-16.0	-16.3	-16.4	-16.5	-16.6	-16.7	-16.9	-17.0	-17.0	-17.0	-16.7	-16.3	-16.2	-16.4	-16.9	-17.1	-17.9	-19.2	-20.3	-20.0	-20.9	-21.0	-22.5	-16.0	-22.5	-17.7
9	-22.4	-21.5	-22.6	-21.5	-21.5	-20.7	-20.0	-19.6	-18.9	-18.9	-18.3	-17.6	-16.3	-16.0	-15.8	-15.5	-15.3	-15.3	-15.2	-14.9	-14.9	-14.9	-14.8	-13.8	-13.8	-22.6	-17.8
10	-14.0	-13.9	-13.6	-12.6	-13.4	-13.1	-13.5	-14.0	-13.7	-14.2	-13.5	-12.0	-10.9	-10.8	-9.4	-8.9	-9.4	-9.0	-8.6	-8.9	-9.6	-9.4	-8.4	-8.3	-8.3	-14.2	-11.4
11	-8.2	-8.6	-8.6	-8.6	-8.6	-8.7	-8.8	-8.6	-8.7	-9.9	-10.6	-10.1	-9.9	-9.5	-9.4	-9.6	-9.9	-10.2	-10.3	-10.5	-10.5	-10.6	-10.8	-10.9	-8.2	-10.9	-9.6
12	-10.7	-10.7	-10.8	-10.6	-10.6	-11.1	-10.9	-11.1	-11.9	-12.4	-13.2	-13.2	-12.7	-12.4	-12.3	-12.2	-12.2	-12.2	-12.0	-11.9	-11.9	-12.0	-12.0	-12.0	-10.6	-13.2	-11.8
13	-12.0	-12.1	-12.0	-12.2	-10.6	-10.0	-9.9	-9.7	-9.6	-9.8	-10.0	-10.1	-10.2	-10.4	-10.4	-10.6	-11.0	-11.1	-11.4	-11.6	-11.5	-11.5	-12.0	-12.3	-9.6	-12.3	-10.9
14	-12.5	-13.2	-14.1	-15.2	-16.0	-16.8	-16.9	-17.1	-18.2	-19.0	-19.0	-18.9	-18.0	-18.1	-18.2	-18.2	-18.7	-18.7	-19.7	-19.7	-20.0	-19.7	-19.8	-20.1	-12.5	-20.1	-17.7
15	-20.3	-21.1	-21.4	-21.9	-22.7	-23.4	-23.9	-24.2	-24.4	-24.8	-24.2	-25.2	-24.5	-25.4	-26.0	-26.2	-26.5	-26.9	-27.4	-27.8	-28.0	-28.3	-29.1	-29.9	-20.3	-29.9	-25.1
16	-30.0	-30.0	-30.3	-31.0	-31.0	-31.4	-31.8	-31.2	-31.2	-31.0	-31.0	-30.9	-30.6	-29.8	-29.9	-29.2	-28.8	-30.3	-30.3	-30.3	-31.1	-29.8	-30.2	-31.1	-28.8	-31.8	-30.5
17	-29.9	-31.2	-30.5	-30.1	-31.2	-31.2	-30.8	-30.3	-30.4	-30.7	-30.3	-29.7	-29.1	-28.6	-27.9	-27.2	-28.1	-28.1	-28.0	-27.4	-27.0	-26.8	-26.9	-25.9	-25.9	-31.2	-29.1
18	-25.9	-25.4	-25.3	-25.0	-25.4	-24.8	-24.4	-24.9	-25.0	-24.5	-23.7	-24.5	-24.0	-23.2	-22.7	-22.6	-23.2	-24.3	-24.5	-24.1	-24.9	-24.8	-25.3	-26.2	-22.6	-26.2	-24.5
19	-26.3	-26.9	-27.5	-27.9	-27.9	-27.9	-28.3	-28.0	-28.4	-27.4	-26.5	-27.4	-26.8	-25.5	-24.2	-24.4	-24.0	-24.1	-23.8	-24.2	-23.2	-23.3	-22.9	-22.9	-22.9	-28.4	-25.8
20	-22.9	-23.2	-24.0	-24.0	-24.6	-24.7	-25.2	-25.3	-25.7	-26.1	-26.5	-26.1	-26.0	-26.4	-25.8	-25.5	-26.0	-27.0	-27.5	-28.1	-28.8	-29.3	-28.9	-29.6	-22.9	-29.6	-26.1
21	-29.7	-29.7	-30.1	-30.5	-30.4	-31.0	-31.2	-31.2	-31.7	-31.4	-30.9	-30.8	-30.7	-30.8	-30.7	-31.2	-31.7	-31.7	-32.0	-31.9	-31.4	-31.3	-31.6	-31.5	-29.7	-32.0	-31.0
22	-31.1	-30.5	-30.2	-28.4	-25.9	-25.5	-25.1	-24.5	-24.8	-23.5	-21.8	-21.5	-20.9	-20.2	-20.0	-20.2	-20.1	-20.0	-19.6	-18.8	-18.5	-18.9	-18.5	-18.1	-18.1	-31.1	-22.8
23	-17.8	-18.0	-17.8	-17.6	-17.7	-18.0	-18.2	-18.0	-17.7	-18.3	-18.4	-17.9	-18.0	-18.0	-18.6	-18.9	-19.2	-20.1	-19.8	-19.9	-19.7	-19.2	-18.9	-19.5	-17.6	-20.1	-18.6
24	-21.0	-20.9	-20.5	-20.8	-21.0	-21.2	-21.3	-21.0	-21.7	-21.7	-21.3	-22.2	-21.3	-21.9	-20.6	-21.1	-21.1	-20.6	-20.5	-21.0	-21.4	-21.4	-21.2	-21.2	-20.5	-22.2	-21.2
25	-20.7	-20.6	-20.6	-20.6	-20.9	-21.1	-21.4	-21.4	-22.2	-22.9	-23.6	-24.1	-24.4	-23.1	-23.2	-23.0	-22.8	-22.9	-23.1	-23.2	-21.4	-20.9	-21.3	-21.8	-20.6	-24.4	-22.1
26	-22.7	-22.3	-23.1	-24.1	-24.1	-24.2	-25.2	-25.2	-25.0	-25.3	-25.4	-25.1	-24.8	-24.3	-24.5	-25.4	-26.1	-26.3	-25.4	-24.9	-25.5	-25.4	-25.0	-24.0	-22.3	-26.3	-24.7
27	-24.8	-24.0	-24.9	-24.4	-24.9	-25.0	-24.3	-24.6	-23.0	-23.5	-21.4	-22.4	-22.1	-22.2	-21.6	-21.6	-21.7	-21.9	-21.9	-22.3	-22.6	-22.1	-21.6	-20.8	-20.8	-25.0	-22.9
28	-20.0	-19.5	-19.7	-19.9	-19.7	-19.2	-18.4	-18.3	-18.5	-18.4	-18.3	-18.0	-18.5	-19.0	-18.0	-18.0	-18.6	-19.7	-20.6	-18.7	-19.4	-19.9	-19.1	-19.2	-18.0	-20.6	-19.0
29	-19.2	-19.1	-19.6	-18.2	-18.2	-18.0	-18.5	-18.7	-18.2	-18.3	-18.7	-18.7	-18.9	-19.3	-18.6	-18.7	-19.4	-19.7	-18.8	-19.4	-18.6	-18.0	-17.3	-17.1	-17.1	-19.7	-18.6
30	-13.7	-8.9	-8.2	-8.6	-6.4	-5.5	-5.0	-5.0	-5.3	-5.5	-6.3	-7.2	-8.1	-9.1	-9.8	-9.8	-10.3	-8.5	-9.9	-8.0	-5.8	-5.0	-4.2	-3.5	-3.5	-13.7	-7.4
Max	-7.3	-6.6	-6.6	-6.9	-6.4	-5.5	-5.0	-5.0	-5.3	-5.5	-6.3	-7.2	-7.3	-7.1	-6.7	-6.9	-7.5	-7.8	-7.4	-7.7	-5.8	-5.0	-4.2	-3.5	-3.5		
Min	-31.1	-31.2	-30.5	-31.0	-31.2	-31.4	-31.8	-31.2	-31.7	-31.4	-31.0	-30.9	-30.7	-30.8	-30.7	-31.2	-31.7	-31.7	-32.0	-31.9	-31.4	-31.3	-31.6	-31.5		-32.0	
Avg.	-18.9	-18.6	-18.8	-18.9	-18.9	-18.9	-18.9	-18.8	-18.8	-18.9	-18.7	-18.7	-18.4	-18.2	-17.9	-18.0	-18.3	-18.4	-18.6	-18.6	-18.6	-18.5	-18.5	-18.4			-18.6
																									Max Daily Mean		-7.4
																									Min Daily Mean		-31.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-4.0	-4.3	-7.0	-6.9	-5.9	-5.3	-5.5	-4.9	-4.9	-6.0	-6.3	-6.4	-6.3	-6.7	-6.6	-7.0	-7.5	-7.4	-7.3	-7.9	-7.8	-7.4	-7.7	-7.9	-4.0	-7.9	-6.5
2	-7.8	-7.3	-8.1	-7.9	-8.4	-8.6	-7.9	-7.3	-7.2	-6.9	-6.1	-5.9	-6.0	-5.9	-5.7	-5.5	-5.4	-5.6	-6.0	-6.7	-7.2	-7.6	-7.9	-8.2	-5.4	-8.6	-7.0
3	-8.1	-7.8	-7.7	-8.0	-8.6	-8.6	-9.9	-10.4	-10.0	-9.8	-7.7	-5.7	-4.4	-3.7	-3.0	-2.3	-2.5	-1.9	-1.8	-1.4	-1.3	0.1	1.1	1.5	1.5	-10.4	-5.1
4	3.4	4.2	5.0	5.0	5.8	6.3	7.4	7.5	6.7	6.3	6.9	6.8	6.7	5.8	4.5	0.7	-2.3	-3.8	-4.1	-4.2	-4.2	-4.2	-4.2	-4.2	7.5	-4.2	2.4
5	-4.1	-4.5	-7.2	-8.4	-9.2	-9.6	-9.5	-9.5	-9.5	-9.8	-10.0	-10.0	-10.2	-10.5	-11.0	-11.3	-11.5	-11.4	-11.0	-10.7	-10.2	-10.1	-10.2	-10.4	-4.1	-11.5	-9.6
6	-10.9	-11.6	-11.7	-12.5	-12.9	-13.1	-13.6	-13.7	-13.8	-13.9	-14.0	-14.1	-14.2	-14.2	-14.5	-14.6	-14.6	-14.4	-14.8	-14.7	-14.6	-14.5	-14.4	-14.7	-10.9	-14.8	-13.8
7	-15.4	-15.5	-15.5	-16.4	-15.9	-16.0	-15.7	-15.1	-14.8	-12.1	-11.5	-9.7	-8.3	-7.6	-7.4	-7.8	-7.9	-9.0	-9.5	-9.9	-9.9	-10.6	-10.8	-11.3	-7.4	-16.4	-11.8
8	-11.4	-11.6	-11.5	-11.4	-11.2	-11.4	-11.7	-11.9	-11.8	-12.2	-12.4	-12.2	-12.4	-13.0	-13.0	-12.6	-12.5	-14.0	-13.2	-13.2	-13.5	-13.3	-14.4	-12.9	-11.2	-14.4	-12.4
9	-12.9	-12.4	-13.3	-12.9	-13.1	-12.4	-11.6	-11.0	-11.3	-11.3	-10.1	-10.2	-10.2	-9.5	-8.9	-9.1	-8.7	-8.9	-9.2	-6.4	-6.4	-6.1	-5.5	-5.5	-5.5	-13.3	-9.9
10	-5.7	-5.9	-6.0	-6.3	-6.4	-6.6	-7.1	-7.4	-7.8	-7.6	-7.8	-8.4	-8.7	-10.9	-11.5	-11.5	-10.9	-8.2	-7.7	-6.6	-6.5	-6.1	-5.3	-5.9	-5.3	-11.5	-7.6
11	-8.4	-7.8	-7.7	-7.9	-6.4	-6.8	-5.5	-6.0	-8.2	-7.2	-8.8	-6.2	-4.9	-4.1	-4.6	-4.4	-4.0	-3.9	-4.3	-4.9	-5.8	-6.3	-4.8	-5.2	-3.9	-8.8	-6.0
12	-4.2	-4.5	-4.6	-5.7	-6.3	-6.8	-6.8	-6.0	-5.4	-5.6	-5.4	-5.6	-5.6	-6.4	-7.0	-7.0	-6.8	-7.0	-6.9	-6.8	-6.8	-6.8	-6.8	-6.7	-4.2	-7.0	-6.1
13	-6.8	-7.0	-7.0	-7.1	-7.1	-7.3	-7.6	-7.8	-8.0	-8.1	-8.2	-8.4	-8.7	-8.9	-9.3	-9.5	-10.4	-11.0	-11.4	-10.7	-11.6	-11.2	-11.2	-10.8	-6.8	-11.6	-9.0
14	-10.5	-10.6	-11.3	-12.9	-13.9	-14.4	-14.5	-14.8	-15.7	-15.5	-15.5	-16.0	-16.2	-16.4	-16.8	-15.8	-15.2	-15.2	-14.5	-14.7	-14.6	-14.9	-15.4	-14.9	-10.5	-16.8	-14.6
15	-14.7	-14.9	-14.9	-15.1	-15.0	-15.2	-15.0	-14.2	-13.7	-13.2	-12.3	-10.1	-8.5	-8.1	-8.2	-7.4	-6.9	-6.4	-6.2	-7.0	-6.4	-6.2	-8.0	-8.0	-6.2	-15.2	-10.7
16	-6.7	-7.6	-9.0	-8.6	-9.3	-8.5	-8.6	-8.2	-9.3	-7.9	-8.9	-9.0	-9.2	-8.8	-10.1	-8.7	-9.2	-9.2	-10.2	-10.1	-9.6	-8.7	-8.5	-9.3	-6.7	-10.2	-8.9
17	-9.7	-10.0	-9.4	-9.7	-10.9	-11.3	-11.0	-10.5	-10.8	-10.5	-11.6	-10.8	-10.5	-10.4	-9.4	-9.1	-9.4	-8.6	-8.9	-10.1	-8.1	-8.8	-8.0	-6.0	-6.0	-11.6	-9.7
18	-4.2	-5.6	-3.2	-2.3	-1.6	-0.7	-0.7	-0.9	-0.9	-0.1	-0.5	-0.9	-0.8	-0.4	-0.5	-1.7	-1.8	-2.1	-3.5	-4.0	-3.7	-3.5	-6.0	-5.6	-0.1	-6.0	-2.3
19	-5.0	-3.9	-3.7	-3.9	-3.5	-3.4	-3.1	-3.2	-3.3	-3.6	-3.7	-3.9	-3.9	-4.2	-4.4	-4.8	-4.9	-5.0	-5.8	-6.2	-6.6	-7.2	-8.1	-8.5	-3.1	-8.5	-4.7
20	-8.6	-8.9	-9.1	-9.1	-9.6	-9.6	-10.2	-9.8	-9.3	-8.9	-9.4	-9.0	-10.1	-10.1	-10.7	-11.1	-11.8	-10.9	-9.0	-8.8	-7.2	-4.3	-2.9	-2.8	-2.8	-11.8	-8.8
21	-2.2	-1.2	-1.3	-1.4	-0.9	-1.2	-2.7	-4.1	-4.0	-3.7	-3.6	-4.0	-4.3	-5.4	-6.5	-6.4	-6.6	-6.7	-7.0	-7.5	-7.7	-8.5	-9.4	-10.8	-0.9	-10.8	-4.9
22	-11.5	-12.2	-12.2	-13.6	-12.9	-12.8	-14.2	-13.4	-13.8	-13.6	-12.8	-11.9	-12.3	-9.5	-8.1	-9.2	-9.7	-9.4	-9.5	-9.3	-9.5	-9.6	-9.4	-9.6	-8.1	-14.2	-11.3
23	-10.1	-10.7	-11.4	-12.3	-12.6	-12.8	-13.4	-13.9	-14.3	-14.7	-15.0	-15.0	-15.2	-15.4	-16.0	-16.2	-16.4	-16.4	-16.8	-17.0	-17.4	-18.2	-18.6	-19.2	-10.1	-19.2	-15.0
24	-19.5	-20.5	-20.5	-19.6	-19.1	-19.3	-19.5	-19.1	-18.8	-18.8	-19.3	-19.9	-20.5	-20.9	-21.1	-20.6	-21.1	-21.2	-20.7	-21.4	-22.0	-21.7	-22.1	-21.1	-18.8	-22.1	-20.3
25	-20.1	-19.0	-18.2	-17.9	-17.3	-17.0	-15.8	-13.7	-13.2	-13.3	-13.5	-13.2	-12.6	-12.7	-12.8	-12.9	-13.1	-13.2	-13.5	-13.5	-13.4	-13.9	-14.3	-15.0	-12.6	-20.1	-14.7
26	-15.6	-16.7	-17.0	-16.5	-18.5	-18.7	-19.4	-19.2	-20.0	-19.3	-18.3	-19.0	-18.5	-14.5	-12.7	-11.5	-11.3	-11.5	-10.6	-11.2	-11.6	-12.2	-12.7	-12.7	-10.6	-20.0	-15.4
27	-13.7	-13.6	-13.8	-14.1	-14.5	-14.7	-15.5	-16.1	-16.8	-17.0	-17.5	-17.5	-17.6	-17.5	-17.2	-17.5	-17.6	-17.2	-17.8	-19.2	-18.6	-19.0	-19.7	-20.0	-13.6	-20.0	-16.8
28	-20.0	-19.8	-19.8	-20.3	-19.4	-19.6	-19.7	-20.1	-20.5	-22.5	-24.5	-25.3	-25.7	-27.2	-27.1	-27.2	-27.7	-26.5	-26.5	-26.5	-26.4	-26.5	-26.2	-26.1	-19.4	-27.7	-23.8
29	-26.4	-26.0	-26.1	-26.1	-25.9	-25.6	-25.5	-25.4	-25.5	-25.9	-26.3	-26.6	-27.0	-27.0	-27.1	-27.1	-27.2	-27.2	-27.7	-28.1	-27.8	-28.2	-29.0	-29.2	-25.4	-29.2	-26.8
30	-29.3	-29.5	-28.5	-28.9	-30.0	-29.3	-29.0	-29.9	-30.1	-30.5	-30.1	-30.0	-31.1	-31.4	-31.2	-31.1	-31.4	-31.3	-32.1	-31.1	-31.6	-32.1	-31.2	-30.7	-28.5	-32.1	-30.5
31	-30.7	-30.4	-30.6	-30.6	-31.3	-31.0	-30.4	-30.9	-30.2	-30.3	-30.0	-29.6	-29.4	-29.5	-29.3	-28.4	-27.9	-28.1	-28.0	-27.6	-27.7	-28.3	-28.5	-28.5	-27.6	-31.3	-29.5
Max	3.4	4.2	5.0	5.0	5.8	6.3	7.4	7.5	6.7	6.3	6.9	6.8	6.7	5.8	4.5	0.7	-1.8	-1.9	-1.8	-1.4	-1.3	0.1	1.1	1.5	7.5		
Min	-30.7	-30.4	-30.6	-30.6	-31.3	-31.0	-30.4	-30.9	-30.2	-30.5	-30.1	-30.0	-31.1	-31.4	-31.2	-31.1	-31.4	-31.3	-32.1	-31.1	-31.6	-32.1	-31.2	-30.7		-32.1	
Avg.	-11.4	-11.5	-11.7	-11.9	-12.0	-12.0	-12.0	-12.0	-12.1	-12.0	-12.1	-11.9	-11.8	-11.8	-11.8	-11.9	-12.1	-12.0	-12.1	-12.2	-12.1	-12.1	-12.3	-12.3			-12.0
																									Max Daily Mean		2.4
																									Min Daily Mean		-30.5

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-28.6	-28.9	-29.7	-29.4	-27.8	-28.2	-28.0	-28.7	-28.9	-28.6	-28.8	-27.3	-27.5	-27.5	-26.9	-25.7	-25.6	-26.2	-26.4	-27.9	-28.3	-30.1	-30.0	-29.0	-25.6	-30.1	-28.1
2	-28.8	-29.8	-30.1	-30.6	-30.2	-30.1	-29.9	-30.2	-30.6	-30.7	-31.3	-31.8	-30.5	-31.3	-31.0	-31.8	-32.4	-32.2	-30.9	-31.1	-31.3	-31.7	-29.1	-30.9	-28.8	-32.4	-30.8
3	-31.6	-30.8	-30.7	-31.2	-29.8	-29.2	-28.1	-27.1	-26.0	-26.8	-25.7	-24.9	-23.9	-22.9	-21.7	-21.6	-24.4	-24.8	-25.1	-25.5	-25.9	-26.0	-25.2	-26.1	-21.6	-31.6	-26.5
4	-27.2	-28.1	-26.6	-26.5	-27.4	-27.9	-28.1	-29.1	-28.1	-29.3	-29.9	-30.0	-29.8	-29.8	-30.1	-29.9	-29.1	-30.2	-30.2	-30.2	-30.2	-29.8	-29.2	-29.2	-26.5	-30.2	-29.0
5	-29.1	-29.3	-29.2	-28.9	-28.4	-28.8	-28.6	-28.7	-28.3	-28.8	-28.4	-28.6	-28.0	-26.0	-24.1	-22.7	-20.5	-19.2	-17.3	-14.2	-13.3	-10.8	-9.4	-8.6	-8.6	-29.3	-23.3
6	-8.6	-8.9	-10.4	-10.5	-11.7	-11.8	-14.8	-17.2	-17.8	-19.8	-22.2	-23.7	-24.1	-24.1	-24.2	-24.4	-24.7	-25.4	-25.6	-25.9	-25.7	-26.8	-28.0	-28.9	-8.6	-28.9	-20.2
7	-29.9	-28.8	-28.7	-29.3	-28.8	-28.1	-28.8	-28.7	-27.6	-27.5	-27.2	-26.6	-26.6	-26.4	-25.2	-23.9	-23.8	-24.0	-24.9	-24.4	-24.6	-24.9	-25.1	-26.0	-23.8	-29.9	-26.7
8	-25.5	-25.4	-25.0	-26.2	-26.7	-27.6	-27.8	-28.2	-28.5	-28.3	-28.4	-28.3	-28.2	-28.0	-28.1	-28.2	-28.4	-28.6	-28.6	-28.7	-28.9	-29.3	-29.2	-28.9	-25.0	-29.3	-27.9
9	-28.5	-28.3	-28.4	-28.2	-28.6	-29.4	-29.8	-30.6	-31.3	-30.9	-30.7	-30.3	-30.5	-31.0	-30.9	-30.2	-29.5	-30.5	-31.2	-29.5	-29.5	-29.0	-28.2	-24.0	-24.0	-31.3	-29.5
10	-21.1	-18.3	-19.1	-19.3	-18.5	-17.8	-15.4	-14.9	-14.0	-13.2	-13.0	-12.7	-11.2	-11.6	-9.8	-9.4	-9.5	-8.4	-8.1	-7.4	-7.1	-6.1	-6.4	-5.9	-5.9	-21.1	-12.4
11	-5.2	-4.5	-3.9	-4.3	-5.9	-9.8	-8.9	-9.2	-8.7	-5.9	-7.2	-6.0	-4.6	-5.4	-5.0	-6.7	-8.5	-10.6	-10.5	-10.8	-13.1	-14.3	-14.7	-14.1	-3.9	-14.7	-8.2
12	-14.4	-14.6	-15.2	-15.4	-16.0	-16.9	-17.7	-18.6	-19.6	-20.5	-21.1	-21.6	-22.4	-22.9	-23.3	-23.7	-24.3	-24.6	-25.0	-25.4	-25.7	-25.9	-26.1	-26.2	-14.4	-26.2	-21.1
13	-26.2	-26.6	-27.0	-27.5	-27.5	-27.6	-27.8	-28.2	-28.7	-28.8	-29.5	-29.8	-29.7	-29.9	-29.9	-30.0	-30.3	-30.9	-31.2	-31.0	-31.3	-31.3	-31.3	-31.9	-26.2	-31.9	-29.3
14	-31.6	-32.4	-33.1	-33.5	-33.9	-34.3	-34.4	-34.7	-35.3	-35.5	-35.6	-35.0	-34.8	-34.1	-33.9	-33.8	-34.5	-34.2	-35.3	-33.8	-34.3	-33.5	-34.2	-33.8	-31.6	-35.6	-34.1
15	-34.1	-33.4	-32.7	-33.8	-32.1	-33.0	-32.5	-33.6	-32.7	-32.1	-31.2	-33.1	-32.2	-30.9	-29.8	-30.9	-29.7	-28.6	-28.0	-28.3	-27.7	-29.5	-28.2	-28.3	-27.7	-34.1	-31.1
16	-27.8	-28.7	-27.6	-27.2	-26.8	-26.5	-27.5	-27.5	-27.5	-27.7	-28.0	-27.9	-28.7	-28.9	-28.4	-28.8	-29.0	-29.0	-29.5	-29.4	-30.0	-29.8	-29.8	-29.9	-26.5	-30.0	-28.4
17	-30.6	-29.7	-30.4	-31.0	-31.2	-31.3	-29.9	-30.3	-30.6	-31.0	-29.7	-30.5	-30.4	-28.3	-28.6	-28.7	-27.9	-29.0	-28.5	-27.6	-28.3	-26.8	-27.9	-28.4	-26.8	-31.3	-29.4
18	-27.4	-27.2	-26.6	-26.5	-25.5	-25.6	-26.8	-26.2	-26.1	-23.8	-25.2	-25.7	-23.8	-23.0	-22.1	-22.4	-22.2	-22.8	-22.0	-21.3	-22.0	-22.3	-22.8	-21.9	-21.3	-27.4	-24.2
19	-22.2	-22.7	-22.7	-22.3	-22.1	-22.2	-21.9	-22.0	-21.9	-22.9	-22.4	-22.6	-22.6	-21.7	-23.0	-22.8	-23.8	-23.8	-22.6	-22.3	-21.1	-21.3	-19.6	-19.5	-19.5	-23.8	-22.2
20	-19.8	-21.0	-21.1	-21.6	-21.7	-22.3	-22.1	-22.1	-22.1	-22.7	-22.2	-21.0	-22.0	-22.1	-21.0	-21.9	-22.4	-23.2	-22.7	-22.6	-23.5	-23.2	-21.7	-22.2	-19.8	-23.5	-22.0
21	-22.0	-23.2	-23.4	-23.7	-24.3	-24.4	-24.6	-24.4	-24.7	-25.6	-26.7	-25.3	-23.8	-22.3	-19.9	-18.9	-19.0	-19.2	-19.3	-19.4	-19.6	-19.7	-19.9	-20.0	-18.9	-26.7	-22.2
22	-20.0	-20.1	-20.1	-20.1	-20.2	-20.1	-20.0	-19.9	-19.9	-20.0	-20.0	-19.9	-19.9	-19.8	-19.5	-19.1	-18.8	-18.8	-18.8	-18.7	-18.7	-19.2	-20.7	-21.6	-18.7	-21.6	-19.7
23	-21.5	-21.3	-20.9	-21.5	-21.8	-22.1	-23.1	-23.0	-23.0	-22.9	-23.0	-23.2	-23.3	-23.6	-23.9	-23.8	-23.7	-24.0	-24.4	-24.7	-24.6	-24.9	-25.4	-25.5	-20.9	-25.5	-23.3
24	-25.6	-25.4	-25.4	-25.6	-26.2	-26.3	-26.2	-26.6	-27.0	-27.7	-27.7	-28.7	-28.5	-28.2	-28.3	-28.6	-29.1	-29.1	-29.0	-29.0	-28.9	-28.7	-28.6	-28.2	-25.4	-29.1	-27.6
25	-28.3	-28.1	-28.1	-28.1	-28.2	-28.5	-28.6	-29.0	-29.3	-29.3	-29.4	-29.5	-29.6	-29.6	-29.3	-29.6	-30.0	-30.0	-29.8	-29.9	-30.1	-30.2	-30.2	-30.4	-28.1	-30.4	-29.3
26	-30.5	-30.3	-30.2	-30.2	-30.2	-30.1	-30.1	-30.3	-30.3	-30.4	-30.6	-30.6	-31.0	-31.3	-31.4	-31.4	-31.1	-31.3	-31.0	-31.2	-31.3	-31.3	-31.9	-32.3	-30.1	-32.3	-30.8
27	-33.9	-34.7	-34.8	-35.5	-36.1	-36.1	-36.1	-36.0	-36.3	-36.6	-37.0	-36.9	-36.6	-36.3	-36.0	-35.9	-35.4	-35.4	-35.1	-35.5	-35.9	-35.7	-36.6	-36.5	-33.9	-37.0	-35.9
28	-36.7	-37.4	-36.6	-36.6	-37.0	-36.2	-36.9	-37.0	-36.9	-36.8	-37.0	-36.6	-37.0	-35.5	-36.0	-34.8	-34.9	-35.3	-35.4	-34.9	-34.5	-35.7	-35.7	-35.4	-34.5	-37.4	-36.1
29	-36.2	-35.7	-35.8	-35.4	-35.8	-35.8	-35.8	-35.7	-36.1	-35.5	-36.6	-35.5	-34.5	-33.4	-31.5	-29.8	-29.7	-29.0	-28.1	-28.8	-28.6	-28.8	-28.9	-28.7	-28.1	-36.6	-32.9
30	-28.9	-27.7	-28.2	-27.7	-27.0	-27.3	-27.1	-27.5	-26.9	-26.2	-26.3	-24.8	-24.3	-24.1	-24.5	-23.4	-22.7	-21.9	-22.3	-21.9	-21.4	-21.6	-22.0	-21.3	-21.3	-28.9	-24.9
31	-21.3	-21.5	-22.4	-23.0	-23.3	-23.5	-23.4	-23.0	-22.5	-23.3	-23.5	-22.9	-22.2	-22.1	-22.3	-22.4	-22.6	-22.6	-22.9	-23.4	-24.2	-23.3	-23.7	-23.3	-21.3	-24.2	-22.9
Max	-5.2	-4.5	-3.9	-4.3	-5.9	-9.8	-8.9	-9.2	-8.7	-5.9	-7.2	-6.0	-4.6	-5.4	-5.0	-6.7	-8.5	-8.4	-8.1	-7.4	-7.1	-6.1	-6.4	-5.9	-3.9		
Min	-36.7	-37.4	-36.6	-36.6	-37.0	-36.2	-36.9	-37.0	-36.9	-36.8	-37.0	-36.9	-37.0	-36.3	-36.0	-35.9	-35.4	-35.4	-35.4	-35.5	-35.9	-35.7	-36.6	-36.5		-37.4	
Avg.	-25.9	-25.9	-25.9	-26.1	-26.2	-26.4	-26.5	-26.7	-26.7	-26.7	-27.0	-26.8	-26.5	-26.2	-25.8	-25.7	-25.7	-25.9	-25.8	-25.6	-25.8	-25.9	-25.8	-25.7			-26.1
																									Max Daily Mean		-8.2
																									Min Daily Mean		-36.1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-22.7	-22.4	-22.0	-21.2	-19.9	-19.2	-19.8	-18.5	-19.2	-20.3	-18.6	-18.3	-16.6	-13.0	-11.1	-7.9	-7.9	-8.7	-8.6	-7.8	-7.0	-6.2	-6.1	-5.2	-5.2	-22.7	-14.5
2	-4.2	-3.3	-3.9	-3.7	-3.4	-3.1	-2.2	-2.0	-1.5	-0.9	-1.0	-0.5	0.1	0.6	0.7	0.8	0.5	0.2	0.3	0.2	-0.2	-0.3	-0.2	-0.4	0.8	-4.2	-1.1
3	-0.1	-1.1	-1.4	-3.1	-7.7	-15.3	-17.3	-19.9	-20.7	-21.7	-22.2	-22.6	-23.1	-23.3	-23.2	-23.1	-23.7	-24.3	-24.4	-24.4	-24.5	-24.5	-24.5	-24.4	-0.1	-24.5	-18.4
4	-24.8	-24.8	-24.7	-25.3	-25.4	-25.6	-25.9	-25.7	-26.9	-26.1	-25.4	-24.5	-23.0	-22.1	-17.7	-16.7	-12.2	-9.4	-8.1	-8.7	-8.4	-7.5	-7.5	-5.3	-5.3	-26.9	-18.8
5	-6.1	-5.1	-4.2	-3.6	-3.1	-3.3	-3.5	-4.3	-5.0	-4.6	-4.4	-3.9	-3.5	-3.1	-3.1	-3.2	-3.1	-2.8	-2.7	-2.8	-2.7	-3.1	-3.2	-2.5	-2.5	-6.1	-3.6
6	-2.5	-2.6	-2.8	-2.7	-2.9	-2.0	-2.4	-3.7	-4.9	-6.7	-6.5	-5.1	-4.6	-3.2	-3.0	-2.5	-4.2	-5.2	-6.4	-7.4	-7.9	-8.9	-9.1	-9.3	-2.0	-9.3	-4.9
7	-9.1	-8.2	-7.5	-6.2	-7.0	-5.7	-5.6	-5.8	-5.3	-5.2	-5.1	-4.0	-3.5	-3.0	-2.8	-2.6	-2.8	-3.2	-4.1	-4.6	-4.4	-4.8	-4.8	-5.4	-2.6	-9.1	-5.0
8	-5.5	-5.7	-5.7	-6.3	-6.1	-6.4	-6.1	-5.6	-4.9	-4.4	-4.0	-3.5	-2.9	-2.7	-2.3	-2.2	-2.4	-2.5	-2.6	-2.4	-2.7	-2.7	-2.0	-1.8	-1.8	-6.4	-3.9
9	-1.0	-1.3	-1.3	-0.8	-0.4	0.0	-0.1	-0.5	-0.9	-0.2	-2.0	-0.8	0.7	-0.3	-1.1	0.0	-0.6	-1.5	-1.8	-1.7	-2.0	-2.3	-2.0	-1.6	0.7	-2.3	-1.0
10	-1.4	-1.2	-1.1	-1.6	-2.0	-1.9	-1.6	-0.9	-3.1	-2.4	-2.2	-1.6	-1.2	-1.4	-1.7	-0.7	-0.5	0.2	0.7	0.5	0.2	0.1	0.3	0.2	0.7	-3.1	-1.0
11	-0.5	-0.5	-1.1	-1.7	-2.7	-2.5	-2.9	-2.8	-2.6	-2.5	-1.7	-1.7	-0.8	0.0	0.7	0.1	-0.1	0.1	0.2	-0.6	-1.0	-1.4	-1.6	-1.6	0.7	-2.9	-1.2
12	-1.7	-1.7	-1.5	-0.8	-2.1	-3.2	-3.3	-3.2	-2.8	-2.1	-0.4	-0.3	0.4	0.7	0.9	0.9	0.5	0.2	-0.1	-0.4	-1.4	-1.7	-2.5	-2.9	0.9	-3.3	-1.2
13	-4.0	-4.0	-5.5	-5.3	-3.7	-5.4	-5.9	-3.3	-2.7	-2.3	-3.1	-3.0	-2.4	-1.5	-0.3	0.1	-0.1	0.6	0.6	0.6	0.0	-0.8	-0.4	-0.1	0.6	-5.9	-2.2
14	-0.2	0.0	0.3	0.2	-0.3	-0.5	-1.2	-1.8	-3.2	-3.2	-3.6	-3.9	-4.1	-4.2	-4.1	-4.1	-4.5	-4.8	-5.3	-6.1	-6.7	-8.2	-9.3	-9.5	0.3	-9.5	-3.7
15	-10.2	-9.7	-9.8	-12.5	-11.3	-10.2	-6.1	-5.7	-5.0	-4.7	-4.9	-4.2	-3.1	-3.3	-2.5	-2.5	-2.9	-3.3	-3.2	-3.7	-3.9	-4.1	-4.1	-4.3	-2.5	-12.5	-5.6
16	-4.8	-5.4	-6.4	-7.0	-6.6	-7.2	-7.3	-7.3	-7.5	-8.6	-8.3	-9.4	-7.6	-7.4	-6.0	-5.9	-5.1	-4.3	-4.3	-5.6	-5.7	-5.8	-4.9	-4.4	-4.3	-9.4	-6.4
17	-5.8	-5.1	-5.4	-5.9	-6.7	-7.6	-7.8	-7.8	-7.5	-8.2	-8.0	-6.1	-5.3	-6.0	-5.0	-4.7	-4.7	-5.3	-5.3	-5.9	-7.5	-7.6	-7.7	-8.1	-4.7	-8.2	-6.5
18	-9.0	-9.7	-9.9	-10.6	-11.6	-11.2	-11.3	-11.2	-11.6	-11.6	-11.0	-11.1	-10.6	-5.2	-5.4	-4.2	-4.3	-4.6	-5.3	-6.0	-7.0	-8.0	-9.4	-10.4	-4.2	-11.6	-8.8
19	-11.1	-11.5	-13.0	-13.7	-14.5	-15.7	-15.4	-15.3	-14.7	-13.5	-13.0	-12.5	-10.9	-8.6	-6.9	-6.6	-6.6	-7.0	-7.6	-8.0	-8.1	-8.1	-8.0	-7.9	-6.6	-15.7	-10.8
20	-8.0	-8.0	-7.9	-7.8	-8.0	-8.3	-8.6	-8.7	-8.9	-9.0	-8.8	-8.5	-8.0	-7.5	-7.4	-7.5	-7.3	-7.5	-7.7	-7.8	-7.8	-7.9	-8.8	-8.9	-7.3	-9.0	-8.1
21	-8.9	-9.2	-9.0	-9.5	-9.7	-10.0	-10.0	-9.5	-9.4	-9.7	-9.1	-8.5	-8.1	-7.7	-7.1	-7.1	-6.8	-7.1	-7.3	-8.3	-8.6	-8.2	-8.9	-9.4	-6.8	-10.0	-8.6
22	-9.4	-9.5	-10.3	-10.6	-11.0	-10.9	-10.7	-10.8	-10.5	-11.3	-11.2	-10.3	-9.9	-9.6	-9.2	-8.5	-8.3	-8.2	-8.7	-8.4	-9.5	-9.0	-8.2	-9.2	-8.2	-11.3	-9.7
23	-9.3	-9.8	-10.3	-10.7	-10.5	-10.9	-10.6	-10.5	-10.1	-9.9	-9.2	-8.6	-8.3	-8.0	-7.8	-7.9	-8.0	-8.5	-9.2	-9.4	-10.6	-11.0	-11.0	-11.3	-7.8	-11.3	-9.6
24	-11.6	-11.9	-11.7	-11.9	-12.5	-12.1	-11.9	-12.0	-12.7	-12.7	-13.2	-13.1	-12.6	-12.5	-12.7	-13.0	-13.6	-14.0	-14.1	-14.6	-14.7	-14.9	-15.1	-15.1	-11.6	-15.1	-13.1
25	-15.4	-15.8	-16.1	-16.3	-16.6	-16.3	-16.3	-16.3	-16.6	-16.6	-16.2	-15.8	-15.6	-15.6	-15.4	-15.1	-14.7	-15.1	-15.5	-16.1	-16.1	-16.7	-16.6	-16.5	-14.7	-16.7	-16.0
26	-16.5	-16.4	-16.0	-15.4	-14.8	-14.0	-13.8	-13.8	-13.7	-13.3	-12.7	-12.0	-11.4	-9.6	-8.5	-7.9	-6.8	-6.6	-7.9	-9.0	-10.2	-8.2	-7.2	-7.3	-6.6	-16.5	-11.4
27	-8.7	-8.8	-7.9	-6.6	-7.1	-9.9	-10.4	-10.2	-10.0	-10.0	-9.5	-9.1	-8.4	-7.7	-7.7	-7.0	-7.5	-8.4	-9.3	-10.9	-12.8	-14.4	-15.8	-16.3	-6.6	-16.3	-9.8
28	-16.8	-17.0	-17.0	-17.4	-17.6	-17.7	-17.9	-18.5	-18.7	-19.2	-18.3	-18.0	-17.8	-17.4	-17.2	-17.3	-17.8	-18.6	-19.3	-19.9	-20.6	-21.7	-22.2	-22.9	-16.8	-22.9	-18.6
29	-23.7	-24.3	-24.0	-23.5	-23.0	-22.9	-23.5	-23.7	-23.3	-22.3	-21.6	-20.4	-19.1	-18.0	-17.6	-17.4	-17.5	-17.2	-17.9	-18.5	-18.3	-20.4	-21.2	-21.9	-17.2	-24.3	-20.9
Max	-0.1	0.0	0.3	0.2	-0.3	0.0	-0.1	-0.5	-0.9	-0.2	-0.4	-0.3	0.7	0.7	0.9	0.9	0.5	0.6	0.7	0.6	0.2	0.1	0.3	0.2	0.9		
Min	-24.8	-24.8	-24.7	-25.3	-25.4	-25.6	-25.9	-25.7	-26.9	-26.1	-25.4	-24.5	-23.1	-23.3	-23.2	-23.1	-23.7	-24.3	-24.4	-24.4	-24.5	-24.5	-24.5	-24.4		-26.9	
Avg.	-8.7	-8.8	-8.9	-9.0	-9.2	-9.6	-9.6	-9.6	-9.8	-9.8	-9.5	-9.0	-8.3	-7.6	-7.1	-6.7	-6.7	-6.8	-7.1	-7.5	-7.9	-8.2	-8.3	-8.4			-8.4
																									Max Daily Mean		-1.0
																									Min Daily Mean		-20.9

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-22.7	-22.8	-22.8	-23.3	-22.5	-20.6	-19.1	-17.9	-17.3	-16.2	-15.1	-13.9	-13.0	-12.5	-12.2	-11.9	-12.0	-12.6	-13.5	-13.8	-14.1	-14.3	-15.1	-16.1	-11.9	-23.3	-16.5
2	-16.6	-16.9	-17.6	-18.0	-17.7	-17.3	-17.1	-17.4	-17.4	-15.9	-14.5	-12.2	-11.9	-9.4	-8.1	-7.4	-7.1	-7.6	-8.3	-8.8	-9.8	-10.8	-11.1	-11.0	-7.1	-18.0	-12.9
3	-11.6	-12.0	-12.1	-12.3	-14.0	-15.6	-17.9	-18.1	-18.6	-19.0	-19.3	-18.7	-18.1	-17.5	-17.2	-17.3	-17.4	-17.9	-18.3	-18.8	-18.7	-19.1	-19.4	-20.2	-11.6	-20.2	-17.0
4	-20.6	-21.1	-21.2	-21.4	-21.4	-21.3	-21.7	-21.9	-22.0	-21.7	-21.5	-20.9	-20.4	-20.0	-19.7	-19.8	-20.2	-20.4	-20.7	-21.0	-21.7	-22.4	-22.9	-23.6	-19.7	-23.6	-21.2
5	-25.2	-25.2	-25.6	-26.4	-26.0	-27.7	-27.4	-27.2	-26.7	-26.5	-26.7	-24.4	-20.6	-17.2	-15.9	-15.6	-15.5	-15.3	-15.3	-15.3	-14.9	-15.7	-16.3	-16.7	-14.9	-27.7	-21.2
6	-16.9	-17.0	-17.2	-17.0	-16.5	-16.7	-16.2	-15.0	-13.5	-11.2	-10.5	-10.4	-10.0	-9.2	-7.4	-6.1	-6.2	-6.5	-6.1	-5.8	-5.9	-6.0	-6.1	-6.3	-5.8	-17.2	-10.8
7	-6.9	-7.2	-7.7	-8.0	-8.8	-9.2	-9.5	-9.7	-9.8	-9.2	-8.1	-7.3	-6.4	-5.2	-4.5	-4.2	-4.9	-7.3	-9.4	-12.0	-14.4	-16.4	-17.2	-17.5	-4.2	-17.5	-9.2
8	-17.1	-17.9	-17.9	-18.7	-19.3	-19.9	-20.8	-21.3	-21.2	-20.7	-17.7	-11.5	-7.5	-7.1	-6.6	-6.4	-6.4	-6.3	-6.2	-6.0	-6.1	-6.6	-6.8	-7.4	-6.0	-21.3	-12.6
9	-8.1	-8.7	-9.0	-9.5	-10.0	-11.2	-13.2	-14.6	-14.2	-13.4	-13.1	-13.1	-13.0	-12.3	-12.0	-12.0	-12.8	-13.6	-14.7	-16.0	-16.3	-16.7	-16.9	-17.7	-8.1	-17.7	-13.0
10	-17.5	-17.7	-18.3	-18.4	-18.5	-18.7	-19.3	-19.5	-19.7	-19.8	-19.6	-19.0	-18.0	-17.6	-17.2	-17.3	-17.6	-18.3	-19.1	-19.6	-20.0	-20.1	-20.3	-21.0	-17.2	-21.0	-18.8
11	-21.6	-21.8	-22.3	-22.8	-22.9	-23.4	-23.3	-23.5	-23.5	-22.9	-22.5	-21.6	-20.6	-20.0	-19.2	-18.9	-18.8	-19.0	-19.1	-19.4	-19.8	-19.5	-19.6	-19.9	-18.8	-23.5	-21.1
12	-20.0	-20.3	-20.5	-20.6	-20.8	-20.8	-21.0	-21.2	-21.2	-21.2	-20.7	-20.0	-18.6	-17.5	-16.6	-15.7	-15.4	-15.9	-16.6	-17.3	-17.7	-19.1	-19.6	-20.6	-15.4	-21.2	-19.1
13	-21.4	-21.7	-21.0	-19.9	-19.7	-19.4	-18.2	-16.6	-14.7	-12.8	-11.4	-10.0	-9.1	-8.5	-8.4	-8.1	-8.1	-8.6	-9.6	-10.6	-10.8	-11.1	-11.3	-11.7	-8.1	-21.7	-13.4
14	-11.6	-12.0	-13.0	-15.2	-15.8	-15.4	-16.0	-14.9	-15.2	-14.7	-13.0	-11.1	-8.9	-7.8	-7.4	-6.9	-7.0	-7.2	-7.5	-8.0	-7.9	-7.9	-8.0	-8.2	-6.9	-16.0	-10.9
15	-8.6	-9.8	-11.2	-12.4	-14.5	-14.9	-14.6	-12.6	-11.2	-10.5	-7.9	-6.5	-5.9	-4.8	-4.3	-4.3	-4.5	-5.3	-6.5	-7.5	-8.0	-8.4	-10.2	-11.7	-4.3	-14.9	-9.0
16	-13.3	-14.6	-15.1	-14.2	-15.4	-16.1	-17.5	-17.9	-17.9	-16.7	-15.5	-12.7	-10.5	-9.0	-8.3	-8.7	-9.4	-10.4	-11.5	-12.4	-12.1	-12.8	-14.4	-15.3	-8.3	-17.9	-13.4
17	-15.6	-17.2	-17.9	-18.4	-18.6	-19.6	-20.3	-21.3	-19.9	-19.4	-18.4	-16.4	-13.9	-12.3	-10.8	-9.9	-9.9	-10.5	-11.4	-12.1	-13.2	-14.4	-15.2	-15.9	-9.9	-21.3	-15.5
18	-16.8	-17.0	-17.8	-17.8	-18.4	-18.8	-19.0	-18.9	-19.0	-18.4	-17.4	-16.0	-14.7	-13.1	-11.8	-10.8	-10.3	-10.6	-11.8	-12.3	-13.3	-14.2	-15.2	-16.0	-10.3	-19.0	-15.4
19	-16.9	-17.5	-18.1	-18.4	-18.8	-19.4	-19.9	-19.0	-18.8	-17.7	-16.5	-14.7	-12.6	-10.6	-9.2	-8.0	-8.2	-8.6	-9.1	-10.2	-10.9	-12.0	-13.3	-14.4	-8.0	-19.9	-14.3
20	-15.3	-16.3	-17.0	-17.9	-18.2	-19.0	-19.2	-19.3	-19.3	-18.8	-18.0	-16.6	-15.5	-14.3	-13.7	-13.4	-14.3	-15.3	-16.1	-16.7	-17.0	-17.6	-18.1	-18.4	-13.4	-19.3	-16.9
21	-18.6	-19.1	-19.7	-20.1	-20.5	-20.7	-20.4	-20.4	-20.3	-19.6	-18.2	-17.0	-16.3	-16.0	-15.5	-15.3	-15.4	-15.7	-16.6	-17.3	-17.6	-18.9	-19.6	-20.6	-15.3	-20.7	-18.3
22	-21.2	-21.8	-22.4	-21.9	-22.5	-22.7	-22.7	-22.8	-23.2	-22.7	-21.5	-19.6	-17.7	-16.2	-15.1	-14.5	-14.1	-13.9	-14.3	-14.7	-15.7	-16.4	-17.9	-19.6	-13.9	-23.2	-19.0
23	-20.8	-21.5	-21.9	-22.0	-22.0	-22.7	-22.5	-23.6	-21.5	-20.3	-18.3	-14.5	-11.5	-9.8	-8.2	-7.2	-6.8	-7.4	-7.2	-7.6	-8.3	-9.0	-10.5	-11.6	-6.8	-23.6	-14.9
24	-11.5	-11.0	-10.7	-11.4	-12.3	-12.5	-12.4	-12.6	-11.4	-11.2	-10.1	-8.9	-7.6	-6.4	-5.8	-5.4	-5.4	-5.3	-5.5	-6.9	-7.7	-8.1	-7.9	-8.4	-5.3	-12.6	-9.0
25	-8.9	-9.0	-9.2	-9.5	-9.4	-9.7	-10.2	-10.9	-10.4	-10.5	-10.1	-9.2	-8.5	-7.9	-7.5	-6.7	-6.6	-6.9	-7.3	-8.0	-8.4	-8.9	-9.3	-10.3	-6.6	-10.9	-8.9
26	-10.8	-11.5	-12.5	-13.1	-14.7	-14.4	-15.8	-16.1	-15.0	-15.2	-13.3	-10.4	-7.2	-5.5	-4.4	-3.7	-3.1	-2.9	-3.4	-4.0	-4.9	-5.6	-7.3	-9.4	-2.9	-16.1	-9.3
27	-9.5	-9.7	-9.6	-11.0	-10.9	-12.5	-12.3	-12.8	-12.8	-10.9	-8.2	-4.6	-2.0	-0.4	-0.1	0.0	0.0	-0.2	-0.8	-1.5	-1.9	-2.0	-1.9	-2.0	0.0	-12.8	-5.7
28	-2.4	-2.5	-2.7	-2.9	-3.1	-3.3	-3.4	-2.9	-2.4	-1.4	-0.5	0.8	1.7	2.6	3.0	3.1	3.0	2.7	2.0	1.0	0.1	-0.3	-1.0	-1.8	3.1	-3.4	-0.4
29	-2.3	-3.8	-4.4	-5.4	-5.7	-5.9	-5.4	-7.3	-7.2	-4.7	-2.0	1.2	3.1	3.9	4.4	4.3	4.5	4.5	3.9	3.4	2.4	1.4	1.0	0.9	4.5	-7.3	-0.6
30	0.6	0.2	-0.8	-2.0	-3.4	-3.9	-4.4	-4.4	-3.4	-2.0	0.3	2.7	3.8	4.4	4.7	4.5	3.6	3.4	2.6	1.9	1.9	1.8	1.3	0.6	4.7	-4.4	0.6
31	0.6	-0.4	-1.4	-1.9	-1.8	-2.4	-2.6	-2.5	-2.2	-2.3	-2.0	-1.5	-1.1	-0.7	-0.1	0.3	-0.1	-0.2	-1.3	-1.9	-2.2	-2.7	-2.9	-3.0	0.6	-3.0	-1.5
Max	0.6	0.2	-0.8	-1.9	-1.8	-2.4	-2.6	-2.5	-2.2	-1.4	0.3	2.7	3.8	4.4	4.7	4.5	4.5	4.5	3.9	3.4	2.4	1.8	1.3	0.9	4.7		
Min	-25.2	-25.2	-25.6	-26.4	-26.0	-27.7	-27.4	-27.2	-26.7	-26.5	-26.7	-24.4	-20.6	-20.0	-19.7	-19.8	-20.2	-20.4	-20.7	-21.0	-21.7	-22.4	-22.9	-23.6		-27.7	
Avg.	-13.8	-14.3	-14.8	-15.2	-15.6	-16.0	-16.2	-16.3	-15.8	-15.1	-13.9	-12.2	-10.7	-9.6	-8.9	-8.5	-8.6	-9.0	-9.6	-10.3	-10.8	-11.4	-12.0	-12.7			-12.6
																									Max Daily Mean		0.6
																									Min Daily Mean		-21.2

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-2.8	-3.3	-3.4	-3.5	-3.6	-4.0	-4.4	-4.5	-4.4	-4.0	-3.5	-2.9	-1.3	-0.3	0.1	0.1	0.3	0.1	-1.4	-3.1	-4.3	-5.2	-5.8	-6.1	0.3	-6.1	-3.0
2	-6.0	-6.6	-6.8	-7.8	-8.6	-9.4	-9.8	-10.0	-9.9	-8.9	-8.3	-7.4	-6.7	-6.4	-5.8	-5.5	-5.2	-5.3	-6.0	-6.7	-7.8	-8.8	-8.8	-9.2	-5.2	-10.0	-7.6
3	-10.0	-10.3	-10.6	-10.6	-11.0	-11.9	-11.8	-11.8	-11.2	-10.6	-9.4	-8.3	-7.3	-6.6	-6.2	-5.8	-5.4	-5.5	-5.5	-6.0	-6.8	-7.4	-8.3	-9.0	-5.4	-11.9	-8.6
4	-9.7	-10.3	-11.1	-11.5	-12.4	-12.7	-12.7	-12.1	-11.8	-11.1	-8.8	-6.2	-3.7	-2.0	-0.7	0.4	1.1	1.2	1.1	0.7	0.0	-0.4	-0.6	-1.5	1.2	-12.7	-5.6
5	-1.8	-3.2	-3.1	-4.2	-4.2	-5.1	-4.9	-5.0	-3.7	-1.8	-1.3	0.4	2.2	4.2	5.4	6.2	6.5	6.4	5.8	5.2	4.9	3.5	3.0	2.6	6.5	-5.1	0.8
6	2.6	2.7	3.2	2.1	2.7	1.9	1.9	2.3	2.2	2.9	3.9	4.4	4.6	5.0	5.5	5.5	5.2	5.1	4.4	3.1	2.5	1.7	0.9	-0.4	5.5	-0.4	3.2
7	-1.8	-3.0	-3.8	-4.3	-4.9	-5.4	-5.2	-5.0	-4.3	-2.9	-1.4	0.3	1.5	2.7	3.9	4.8	4.1	3.8	3.4	2.9	2.4	1.7	0.9	-0.1	4.8	-5.4	-0.4
8	0.1	-0.3	-0.9	-1.7	-2.8	-3.3	-3.5	-3.6	-3.4	-2.9	-2.0	-1.1	-0.3	0.7	1.5	1.9	1.8	2.0	2.1	1.6	0.5	0.0	-0.5	-0.9	2.1	-3.6	-0.6
9	-1.5	-2.1	-2.7	-4.0	-4.9	-5.7	-6.5	-6.4	-5.2	-3.4	-1.2	0.5	1.6	2.6	3.3	3.8	4.1	4.2	3.8	3.1	1.9	1.4	0.2	-1.9	4.2	-6.5	-0.6
10	-3.3	-4.2	-5.1	-5.7	-6.3	-6.2	-6.2	-5.4	-2.6	0.5	2.5	3.8	5.1	6.2	7.1	7.5	7.2	7.6	7.7	6.8	5.2	4.5	4.0	3.5	7.7	-6.3	1.4
11	2.0	1.5	-0.1	-1.2	-2.0	-1.7	-2.5	-2.6	-0.7	2.4	4.7	6.0	7.1	7.6	7.9	8.4	8.6	8.5	8.2	7.5	6.3	5.4	4.4	3.8	8.6	-2.6	3.7
12	2.0	1.2	0.0	-0.3	-0.9	-0.5	-0.9	-1.0	-0.3	1.5	3.9	6.0	7.1	7.8	8.2	8.6	8.5	8.2	8.2	7.3	6.6	5.8	5.2	4.6	8.6	-1.0	4.0
13	4.2	3.1	1.7	1.1	1.0	1.1	1.2	2.1	3.9	5.1	5.9	6.8	7.6	7.9	7.8	7.6	7.4	6.9	6.2	5.6	4.9	4.3	3.6	2.8	7.9	1.0	4.6
14	1.6	0.8	0.9	1.1	1.0	1.0	1.1	1.3	2.0	3.0	3.8	4.9	5.6	5.8	6.1	6.1	6.5	6.4	6.2	5.7	4.6	3.7	3.3	3.3	6.5	0.8	3.6
15	3.2	3.3	3.3	3.5	3.2	2.9	2.7	3.1	4.1	5.5	7.0	8.5	8.7	9.1	9.5	9.6	9.7	9.2	8.5	7.8	7.2	7.0	6.8	6.0	9.7	2.7	6.2
16	5.4	3.7	4.2	2.0	1.2	2.6	2.9	2.7	4.2	5.9	7.0	7.8	8.6	9.2	9.6	9.5	9.5	9.2	8.7	8.1	7.2	6.4	5.9	5.5	9.6	1.2	6.1
17	4.5	3.6	2.4	1.8	0.7	0.4	0.3	2.4	2.4	5.1	7.2	8.2	9.8	10.3	10.9	10.5	10.6	10.9	9.8	8.9	8.1	7.4	6.5	5.3	10.9	0.3	6.2
18	4.3	4.1	2.8	2.4	1.8	1.5	2.1	1.4	2.0	2.7	4.7	7.5	8.5	9.3	9.3	9.4	9.1	9.0	6.9	6.1	5.8	5.3	4.9	4.1	9.4	1.4	5.2
19	3.1	2.4	1.4	0.9	0.7	0.3	0.4	0.6	1.9	4.0	7.0	8.0	8.8	8.9	9.4	9.2	9.7	9.4	9.4	8.6	7.5	6.7	6.2	4.9	9.7	0.3	5.4
20	5.2	5.2	3.6	2.3	2.2	1.1	1.9	2.0	2.9	5.0	6.9	7.4	6.5	6.8	5.1	5.6	6.3	6.9	7.6	5.8	4.4	3.7	3.8	3.3	7.6	1.1	4.6
21	2.9	2.5	2.1	1.3	1.4	1.4	1.1	1.6	2.8	4.5	5.7	4.5	6.5	5.4	5.9	6.7	6.9	5.9	6.1	5.8	5.3	4.4	3.6	2.7	6.9	1.1	4.0
22	2.2	1.6	1.0	0.7	0.4	0.2	0.4	-0.3	1.1	2.9	4.4	5.7	6.1	6.2	6.9	6.6	5.4	5.0	3.3	3.2	3.1	3.0	2.7	1.4	6.9	-0.3	3.1
23	1.0	0.5	0.8	0.4	0.5	0.4	0.6	0.9	1.4	2.5	3.6	4.6	5.1	5.5	5.3	6.5	7.4	7.9	6.8	5.3	5.3	5.1	4.0	3.0	7.9	0.4	3.5
24	1.4	1.0	-0.3	-0.4	-1.5	-1.7	-0.9	0.1	1.1	4.2	6.5	7.5	7.5	7.5	8.5	7.8	8.1	8.0	7.4	6.7	6.2	5.6	4.7	3.9	8.5	-1.7	4.1
25	3.4	2.9	2.3	1.8	0.6	-0.4	0.0	0.9	2.3	4.9	6.3	6.5	6.6	6.8	7.2	7.3	7.5	7.4	6.9	6.4	5.6	4.2	3.2	2.3	7.5	-0.4	4.3
26	1.6	0.7	-0.2	-1.0	-1.8	-1.6	-2.1	-1.1	0.7	4.2	5.4	6.1	6.5	7.0	7.3	7.5	7.6	7.8	7.5	6.8	5.8	4.7	4.1	3.5	7.8	-2.1	3.6
27	3.3	2.5	1.0	0.6	-1.2	-1.6	-1.5	-0.5	1.7	4.2	5.9	7.0	7.5	8.9	8.9	8.7	7.1	7.5	7.1	6.6	5.7	5.1	4.8	4.0	8.9	-1.6	4.3
28	4.1	3.4	3.1	2.0	1.9	1.5	1.7	2.2	3.4	5.4	6.8	6.7	6.8	7.8	8.0	7.5	7.5	7.7	6.8	6.3	6.0	5.5	5.1	4.5	8.0	1.5	5.1
29	3.5	2.7	2.4	2.2	1.4	0.7	1.2	1.7	3.3	5.8	6.6	7.5	7.8	8.2	6.0	6.7	7.4	6.0	4.2	4.1	4.2	3.5	3.0	2.7	8.2	0.7	4.3
30	2.3	2.2	1.8	1.8	1.2	1.1	1.2	1.6	2.1	2.6	2.9	3.1	3.5	3.6	3.3	2.9	2.9	3.0	3.3	2.4	1.9	1.4	1.2	0.3	3.6	0.3	2.2
Max	5.4	5.2	4.2	3.5	3.2	2.9	2.9	3.1	4.2	5.9	7.2	8.5	9.8	10.3	10.9	10.5	10.6	10.9	9.8	8.9	8.1	7.4	6.8	6.0	10.9		
Min	-10.0	-10.3	-11.1	-11.5	-12.4	-12.7	-12.7	-12.1	-11.8	-11.1	-9.4	-8.3	-7.3	-6.6	-6.2	-5.8	-5.4	-5.5	-6.0	-6.7	-7.8	-8.8	-8.8	-9.2		-12.7	
Avg.	0.9	0.3	-0.3	-0.9	-1.5	-1.8	-1.7	-1.4	-0.4	1.3	2.8	3.8	4.6	5.2	5.5	5.7	5.8	5.7	5.2	4.4	3.7	3.0	2.4	1.6			2.2
																									Max Daily Mean		6.2
																									Min Daily Mean		-8.6

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	-0.4	-0.6	-0.8	-1.1	-1.4	-1.7	-1.8	Audit	Audit	-1.6	-2.2	-1.7	-1.6	-1.2	-1.4	-2.1	-3.3	-4.2	-4.7	-5.1	-5.9	-6.6	-7.1	-7.5	-0.4	-7.5	-2.9
2	-7.8	-8.1	-8.2	-8.1	-8.0	-8.0	-8.0	-7.6	-7.1	-6.6	-5.7	-5.1	-4.6	-3.4	-3.2	-2.1	-1.5	-1.9	-1.7	-1.5	-2.1	-2.7	-3.1	-3.7	-1.5	-8.2	-5.0
3	-4.7	-5.7	-7.4	-7.4	-6.8	-7.6	-6.5	-4.3	-3.0	-1.3	0.5	2.0	2.7	3.0	3.5	3.9	4.3	4.4	4.4	4.2	4.0	3.5	2.9	2.0	4.4	-7.6	-0.4
4	1.6	0.5	-0.5	-1.1	-1.4	-2.0	-1.2	-0.3	1.7	3.4	4.9	5.5	5.7	6.1	6.2	6.7	5.3	5.3	4.7	4.0	3.3	2.4	2.1	2.5	6.7	-2.0	2.7
5	1.2	0.6	0.2	0.1	-0.1	-0.9	-0.7	-0.2	0.9	3.5	4.3	4.7	4.9	5.4	5.4	5.0	4.4	3.9	4.0	3.8	3.3	3.0	2.6	2.3	5.4	-0.9	2.6
6	1.6	0.9	0.7	1.0	2.0	2.2	2.4	2.8	3.5	4.3	4.8	5.2	5.6	5.5	5.0	4.8	5.5	5.5	5.4	5.3	4.8	4.1	3.6	3.5	5.6	0.7	3.8
7	3.5	3.2	2.4	1.7	0.6	1.2	1.8	3.4	5.0	6.3	6.8	8.0	8.2	8.1	6.0	5.2	5.8	6.6	5.1	4.2	3.9	3.3	3.4	2.0	8.2	0.6	4.4
8	1.1	0.9	1.2	0.1	-0.4	-0.4	1.4	2.4	3.4	4.1	4.1	4.6	4.8	5.7	5.4	5.1	4.6	4.1	3.3	2.8	2.2	1.6	1.3	0.6	5.7	-0.4	2.7
9	0.0	0.0	-0.6	-0.9	-1.2	-0.9	-0.5	0.8	2.0	3.1	3.8	4.7	5.5	6.7	6.9	7.6	7.8	7.7	7.8	7.9	7.3	6.1	5.1	4.8	7.9	-1.2	3.8
10	3.7	3.0	1.7	1.4	1.5	2.1	3.0	3.8	4.9	6.1	7.0	7.1	7.2	7.8	8.0	8.1	8.2	8.6	8.6	8.2	8.0	7.5	6.9	6.5	8.6	1.4	5.8
11	6.1	5.7	5.9	6.4	6.4	6.5	6.5	7.2	7.1	7.5	8.8	8.3	9.2	9.8	9.5	9.2	9.5	9.1	7.5	6.6	5.9	5.1	5.0	4.1	9.8	4.1	7.2
12	3.6	2.3	-0.1	-0.4	0.4	0.8	2.0	3.7	6.3	6.8	7.4	7.9	9.1	9.5	10.2	9.9	10.3	10.0	8.5	5.9	5.7	5.8	5.8	4.9	10.3	-0.4	5.7
13	3.8	2.9	2.3	1.9	1.6	1.9	2.1	3.1	4.4	5.6	6.5	7.2	7.4	7.4	8.1	8.6	8.3	7.9	7.9	6.9	5.3	4.4	4.2	3.7	8.6	1.6	5.1
14	3.2	1.8	0.3	-0.8	-1.4	-1.7	-1.2	0.9	3.8	5.9	7.4	6.5	6.6	5.7	5.8	6.1	7.0	7.1	7.7	6.8	6.0	4.6	3.4	2.3	7.7	-1.7	3.9
15	2.0	1.6	1.3	1.1	1.1	1.1	1.6	1.7	2.7	3.4	3.9	4.9	4.5	5.6	5.7	6.5	6.9	6.9	7.0	6.4	5.0	4.6	3.6	2.7	7.0	1.1	3.8
16	2.1	1.2	0.4	-0.3	-0.5	-0.9	0.3	1.8	3.7	5.4	6.2	6.5	7.7	7.9	8.4	8.3	9.3	8.0	8.6	7.5	7.4	6.8	5.9	4.8	9.3	-0.9	4.9
17	4.3	3.1	2.0	0.7	0.6	-0.3	0.1	2.6	6.4	7.7	8.9	9.8	10.2	10.9	11.1	11.6	11.7	11.2	10.8	10.8	10.2	9.5	8.5	7.9	11.7	-0.3	7.1
18	6.4	5.6	4.4	3.1	3.5	3.0	3.3	5.5	9.2	10.3	10.6	10.8	11.1	12.7	11.5	11.6	12.7	11.9	10.7	10.6	10.2	10.0	8.3	7.7	12.7	3.0	8.5
19	6.8	5.0	3.9	3.3	2.7	2.8	4.0	5.7	8.4	10.2	11.7	12.2	12.8	12.6	12.0	11.5	11.6	12.9	12.5	11.6	10.8	10.4	9.9	8.7	12.9	2.7	8.9
20	8.0	6.2	5.3	4.6	4.5	4.4	4.8	6.3	8.0	9.3	11.2	12.1	12.0	12.2	13.1	12.6	13.0	13.2	12.9	12.5	12.3	11.3	11.1	10.1	13.2	4.4	9.6
21	9.1	8.1	7.6	6.8	6.3	8.0	9.6	10.5	11.6	12.6	13.1	13.3	13.6	13.7	12.9	14.0	14.2	13.9	14.2	13.9	13.7	12.9	11.8	10.9	14.2	6.3	11.5
22	10.5	10.1	10.0	9.9	9.2	10.7	11.2	11.5	12.1	13.3	14.6	15.0	15.3	15.8	15.6	15.3	15.0	14.6	15.2	14.8	14.1	12.8	12.4	11.5	15.8	9.2	12.9
23	11.3	10.8	9.4	8.7	8.7	8.7	9.4	9.7	10.0	9.3	9.4	10.0	10.8	12.5	11.8	10.5	11.2	12.2	12.5	12.0	11.5	11.3	10.8	10.1	12.5	8.7	10.5
24	9.2	8.4	8.0	7.7	7.4	7.3	8.0	8.3	9.6	10.5	11.7	13.5	12.2	11.9	13.3	14.4	14.5	14.6	14.7	14.0	10.9	9.2	8.8	8.5	14.7	7.3	10.7
25	8.3	7.5	7.3	7.2	7.1	7.0	6.8	6.5	6.7	6.9	6.9	7.2	7.5	7.4	7.8	7.7	8.1	7.9	7.8	7.8	7.8	7.8	7.6	6.7	8.3	6.5	7.4
26	6.0	4.9	3.9	3.6	3.1	3.3	3.8	5.7	8.2	9.9	10.3	11.1	12.0	13.0	10.3	9.1	9.8	8.8	7.8	7.9	7.6	7.6	7.4	7.2	13.0	3.1	7.6
27	6.7	6.4	6.2	5.9	5.8	5.1	5.1	5.2	6.0	6.7	7.7	8.4	8.3	7.7	7.7	7.6	7.7	7.5	6.8	6.7	6.6	6.2	6.3	6.4	8.4	5.1	6.7
28	5.5	5.7	5.6	5.4	5.4	5.1	5.1	5.7	7.0	8.3	9.7	10.4	11.0	10.9	12.5	10.8	10.2	10.2	8.3	8.1	8.3	8.5	8.9	9.1	12.5	5.1	8.2
29	9.1	8.3	8.0	8.2	8.0	8.9	9.5	10.1	10.0	10.5	10.2	9.2	7.8	9.7	11.7	11.8	12.2	11.5	12.3	11.9	11.0	10.3	9.4	8.4	12.3	7.8	9.9
30	7.3	4.8	3.2	2.7	2.6	3.4	5.6	9.4	10.2	10.9	11.6	12.6	12.7	13.0	14.0	14.1	13.8	14.2	13.6	13.6	13.6	12.8	11.7	10.4	14.2	2.6	10.1
31	10.4	8.1	6.3	6.1	5.3	5.8	5.3	8.1	10.3	12.2	13.6	13.4	12.2	12.7	11.5	12.1	10.2	10.3	9.2	9.0	8.3	7.3	6.5	5.9	13.6	5.3	9.2
Max	11.3	10.8	10.0	9.9	9.2	10.7	11.2	11.5	12.1	13.3	14.6	15.0	15.3	15.8	15.6	15.3	15.0	14.6	15.2	14.8	14.1	12.9	12.4	11.5	15.8		
Min	-7.8	-8.1	-8.2	-8.1	-8.0	-8.0	-8.0	-7.6	-7.1	-6.6	-5.7	-5.1	-4.6	-3.4	-3.2	-2.1	-3.3	-4.2	-4.7	-5.1	-5.9	-6.6	-7.1	-7.5		-8.2	
Avg.	4.5	3.7	2.9	2.5	2.3	2.4	3.0	4.3	5.8	6.6	7.4	7.9	8.1	8.6	8.6	8.6	8.7	8.5	8.2	7.7	7.1	6.5	6.0	5.3			6.1
																									Max Daily Mean		12.9
																									Min Daily Mean		-5.0

Total Hours in month: **744** **Hours Data Available:** **742** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	5.6	5.4	5.0	4.8	3.8	3.1	3.0	2.9	2.9	3.2	4.0	5.1	6.0	6.9	7.4	8.6	9.2	8.8	8.1	6.9	5.6	5.3	5.2	4.9	9.2	2.9	5.5
2	4.5	3.4	2.7	1.7	1.2	1.1	1.6	3.1	5.3	7.9	9.7	11.0	12.3	13.2	13.8	14.4	14.2	13.9	14.2	13.8	13.2	12.7	11.9	11.4	14.4	1.1	8.8
3	10.9	10.6	10.3	10.1	9.9	8.5	8.4	9.8	10.8	12.9	13.9	14.2	14.2	11.7	11.6	12.3	14.0	14.3	13.2	10.2	10.4	9.7	9.4	8.9	14.3	8.4	11.3
4	9.5	9.3	8.5	8.1	7.8	7.9	7.9	8.2	8.9	10.6	12.5	15.2	15.9	16.9	16.8	14.7	16.2	16.6	16.7	14.3	13.8	13.6	12.5	12.3	16.9	7.8	12.3
5	12.4	11.8	12.6	12.4	11.5	12.7	13.4	14.3	15.3	16.2	17.0	16.6	14.2	15.0	14.3	15.2	16.1	15.4	16.7	14.4	12.6	13.4	12.9	13.5	17.0	11.5	14.2
6	13.2	12.8	13.2	13.1	12.7	12.8	11.4	12.5	12.3	12.6	11.3	10.1	10.1	11.2	12.7	12.3	13.1	13.2	13.0	13.6	14.2	14.1	13.9	13.1	14.2	10.1	12.6
7	11.2	9.9	9.0	9.1	7.8	8.0	8.5	10.6	12.8	14.4	15.9	17.2	17.6	17.6	17.8	17.8	17.1	17.1	17.1	17.0	17.0	16.7	16.0	15.1	17.8	7.8	14.1
8	14.8	14.3	13.5	12.9	12.4	12.9	14.4	14.1	14.9	16.5	17.5	18.1	18.9	19.5	20.2	16.0	14.1	14.6	16.5	17.2	17.9	18.1	17.9	17.5	20.2	12.4	16.0
9	16.2	15.1	13.2	11.5	11.9	12.0	12.0	12.7	13.8	14.7	15.5	16.1	16.1	16.6	16.6	16.1	16.1	16.0	16.0	16.1	15.4	13.8	13.1	12.6	16.6	11.5	14.6
10	12.4	12.1	11.6	10.9	11.0	9.8	11.2	12.1	13.3	14.6	16.1	18.0	18.7	18.5	17.4	18.2	18.9	17.0	15.7	16.8	16.7	16.5	15.8	16.1	18.9	9.8	15.0
11	15.0	14.8	13.5	12.3	11.7	11.8	12.4	13.1	14.3	15.7	16.3	17.8	18.3	18.4	18.5	18.3	18.3	18.1	17.8	17.2	16.3	14.9	13.6	12.9	18.5	11.7	15.5
12	12.4	12.1	11.3	10.8	10.0	9.6	9.2	9.1	9.1	9.1	9.5	9.9	9.6	9.1	8.7	6.4	6.1	6.1	5.9	5.8	5.7	5.5	4.8	4.3	12.4	4.3	8.3
13	3.9	4.0	3.5	3.4	2.9	2.6	3.0	3.6	4.0	4.3	4.5	5.0	5.3	5.8	6.1	6.7	7.2	7.2	7.0	6.8	6.6	6.3	6.1	6.3	7.2	2.6	5.1
14	6.2	6.1	5.6	5.5	5.5	5.7	5.9	6.3	6.8	8.1	9.8	11.7	13.2	12.2	12.4	11.5	12.8	13.8	13.1	12.7	12.5	11.7	11.3	10.8	13.8	5.5	9.6
15	10.4	9.0	7.9	6.4	6.2	5.5	7.1	9.8	11.8	12.4	11.9	11.7	13.0	13.9	10.1	7.7	9.5	11.4	12.2	12.3	11.1	10.5	9.4	9.2	13.9	5.5	10.0
16	8.8	7.4	7.2	7.8	8.0	8.2	8.7	9.1	10.1	11.6	11.8	12.2	11.9	12.0	11.6	11.3	12.4	12.5	12.5	11.5	10.8	10.1	9.1	8.7	12.5	7.2	10.2
17	8.3	7.9	7.6	7.1	7.1	7.1	7.4	8.2	8.6	8.9	9.6	10.8	11.7	13.2	13.8	10.1	8.3	8.5	8.9	8.8	9.6	9.4	9.4	9.1	13.8	7.1	9.1
18	8.7	8.6	8.0	8.0	7.4	7.4	7.4	9.3	11.6	12.9	14.1	15.6	16.3	16.5	14.0	16.0	16.9	15.8	15.9	16.3	16.3	15.5	15.1	14.1	16.9	7.4	12.8
19	12.6	11.6	10.8	10.0	9.5	9.5	10.1	11.2	12.8	14.6	16.7	18.7	19.7	20.3	20.8	20.0	19.3	19.2	21.0	19.5	18.5	18.1	17.6	16.6	21.0	9.5	15.8
20	15.8	15.4	13.4	13.1	12.3	12.2	12.7	15.2	16.4	17.7	18.8	19.2	18.5	17.2	17.8	19.4	18.5	18.3	18.9	17.9	16.7	16.8	15.5	15.1	19.4	12.2	16.4
21	13.6	13.6	12.5	11.0	10.9	11.1	11.5	11.4	11.7	13.0	15.0	16.5	18.8	19.8	20.6	20.5	20.3	20.1	20.1	19.3	18.8	18.1	17.7	16.5	20.6	10.9	15.9
22	15.4	13.4	12.3	11.4	11.6	12.1	12.6	14.3	16.3	18.6	19.3	20.5	22.4	23.0	23.4	24.2	24.6	24.4	24.0	23.1	23.0	21.7	20.4	18.9	24.6	11.4	18.8
23	17.4	16.3	15.8	14.4	14.3	14.6	14.6	15.8	18.1	19.5	20.2	21.7	22.5	23.9	24.8	24.9	19.9	18.9	19.8	20.3	20.0	20.2	20.0	19.4	24.9	14.3	19.1
24	18.8	18.0	17.1	17.8	16.8	16.8	18.2	19.1	20.8	21.6	21.8	21.2	22.9	21.6	20.8	20.8	20.1	19.9	19.0	18.5	17.6	16.7	15.6	15.2	22.9	15.2	19.0
25	14.9	14.5	13.8	13.0	12.5	12.6	12.9	12.9	13.2	13.9	14.8	15.3	16.0	16.5	17.6	18.3	18.9	19.0	18.4	17.4	16.6	16.1	15.7	15.2	19.0	12.5	15.4
26	14.8	14.2	13.1	11.7	11.3	12.0	11.7	9.9	9.4	9.2	8.9	8.8	9.0	9.4	9.7	10.3	11.0	11.0	9.9	9.9	9.7	9.7	9.7	9.6	14.8	8.8	10.6
27	9.5	9.7	9.3	9.3	9.2	9.1	9.0	9.4	10.2	11.2	12.1	12.6	13.4	14.0	13.9	13.7	12.6	11.5	10.7	10.3	9.9	10.0	10.0	9.9	14.0	9.0	10.9
28	9.9	9.7	9.4	9.2	9.1	9.0	9.3	9.5	9.8	10.1	10.6	10.4	10.4	9.9	9.8	10.1	10.2	10.3	10.8	10.8	10.9	10.6	10.2	9.9	10.9	9.0	10.0
29	9.7	9.5	9.5	9.4	9.4	9.5	9.5	10.3	11.1	12.1	12.6	13.6	13.8	14.7	15.5	16.1	16.5	16.3	15.3	14.3	13.3	13.5	13.3	13.1	16.5	9.4	12.6
30	12.9	12.2	11.6	11.5	11.1	10.9	11.1	11.1	11.4	11.5	11.6	12.3	13.2	14.6	15.3	15.8	15.6	13.4	13.7	14.4	13.6	11.2	10.9	10.8	15.8	10.8	12.6
Max	18.8	18.0	17.1	17.8	16.8	16.8	18.2	19.1	20.8	21.6	21.8	21.7	22.9	23.9	24.8	24.9	24.6	24.4	24.0	23.1	23.0	21.7	20.4	19.4	24.9		
Min	3.9	3.4	2.7	1.7	1.2	1.1	1.6	2.9	2.9	3.2	4.0	5.0	5.3	5.8	6.1	6.4	6.1	6.1	5.9	5.8	5.6	5.3	4.8	4.3		1.1	
Avg.	11.7	11.1	10.4	9.9	9.6	9.5	9.9	10.6	11.6	12.7	13.4	14.2	14.8	15.1	15.1	14.9	14.9	14.8	14.7	14.2	13.8	13.4	12.8	12.4			12.7
																									Max Daily Mean		19.1
																									Min Daily Mean		5.1

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	10.5	10.0	10.1	10.9	10.7	9.6	10.1	11.1	11.1	12.1	13.0	14.4	14.4	12.4	12.2	13.7	14.4	15.6	15.3	12.1	10.7	10.5	10.3	10.2	15.6	9.6	11.9
2	10.1	9.8	9.8	9.8	10.0	9.7	10.4	11.0	11.5	12.2	13.0	14.2	15.4	15.3	16.2	15.2	16.4	14.4	11.3	11.4	11.8	11.9	11.7	11.2	16.4	9.7	12.2
3	11.1	10.3	9.9	9.1	8.9	9.2	9.4	10.0	10.6	10.6	11.0	11.7	12.1	11.9	12.4	12.7	12.6	12.1	11.7	11.8	12.1	11.8	11.4	11.4	12.7	8.9	11.1
4	11.5	11.0	10.4	10.3	9.6	9.5	8.8	8.8	8.7	8.9	9.2	9.2	9.2	9.3	9.3	9.3	9.7	9.5	10.2	10.4	10.2	10.4	9.8	8.5	11.5	8.5	9.7
5	7.7	6.2	5.5	5.1	4.5	4.8	6.3	7.4	10.4	13.1	14.2	15.0	14.1	10.8	12.3	13.6	14.1	15.4	14.8	14.3	14.2	13.6	12.9	12.1	15.4	4.5	10.9
6	11.0	10.3	9.0	9.3	8.4	8.6	9.7	10.6	12.8	14.4	15.7	15.9	16.6	16.5	17.4	17.9	17.2	13.9	14.2	13.5	13.6	13.6	14.0	12.8	17.9	8.4	13.2
7	11.5	11.0	9.9	9.6	8.7	8.6	12.7	14.5	15.5	16.2	17.0	17.1	17.5	18.3	18.4	18.1	18.3	17.0	16.7	14.3	12.1	11.5	11.3	10.9	18.4	8.6	14.0
8	10.2	10.1	9.6	8.7	8.7	8.9	9.3	9.5	10.8	11.6	12.2	12.8	13.6	14.4	14.9	14.2	15.5	15.6	14.9	14.4	13.4	12.3	11.3	10.2	15.6	8.7	12.0
9	9.8	7.9	6.1	5.9	4.8	5.3	6.3	8.1	10.3	12.1	13.6	14.6	15.4	14.5	14.2	14.1	12.0	13.5	13.4	13.5	12.8	12.1	11.6	10.8	15.4	4.8	10.9
10	10.1	10.3	9.6	10.1	10.9	11.0	10.3	9.6	9.2	8.7	8.7	8.8	8.9	8.7	9.2	9.4	8.7	8.4	8.7	8.8	8.0	7.9	7.8	7.9	11.0	7.8	9.2
11	7.7	7.6	7.6	7.5	7.5	7.2	7.6	8.0	8.4	9.0	9.6	10.7	12.4	13.6	14.4	14.9	15.5	16.3	15.8	16.0	15.8	15.2	13.7	12.7	16.3	7.2	11.4
12	11.4	9.6	8.3	7.7	7.9	7.1	8.7	10.7	13.0	13.7	15.3	16.4	17.3	17.7	18.0	19.1	18.4	17.9	16.5	15.7	14.9	13.7	13.1	12.7	19.1	7.1	13.5
13	12.3	11.9	11.5	11.2	10.7	9.8	10.3	10.8	11.7	12.7	13.6	14.1	14.7	15.8	15.9	15.2	15.0	14.8	14.2	14.1	13.2	12.9	12.5	12.1	15.9	9.8	13.0
14	11.8	11.4	11.0	9.9	9.3	10.1	10.4	11.1	12.2	12.8	14.5	15.6	16.1	16.0	16.7	17.0	17.7	17.2	17.3	17.0	15.9	15.3	14.8	14.1	17.7	9.3	14.0
15	13.1	12.7	12.4	12.1	11.5	10.9	11.1	11.8	12.5	13.7	14.6	15.6	15.4	15.4	15.3	14.6	14.4	13.6	12.2	11.4	11.1	11.2	10.8	10.6	15.6	10.6	12.8
16	9.1	8.7	8.5	8.1	7.8	7.6	7.6	7.8	7.9	7.9	7.9	8.1	8.3	8.1	8.0	8.2	8.5	8.8	8.9	9.2	9.1	9.3	9.3	9.2	9.3	7.6	8.4
17	8.8	8.6	8.7	8.4	8.4	8.4	8.6	9.5	9.9	10.3	10.7	10.1	10.5	11.5	12.4	12.6	12.7	12.7	12.5	11.9	11.2	10.7	10.2	9.6	12.7	8.4	10.4
18	9.3	9.0	8.8	8.5	8.2	8.2	8.4	8.9	9.1	9.5	10.3	10.5	11.1	11.4	11.6	11.9	12.0	12.3	12.3	12.0	11.6	10.6	10.4	9.9	12.3	8.2	10.2
19	10.0	9.2	9.2	8.7	8.8	9.6	9.6	9.6	9.7	9.8	9.9	10.1	10.3	10.5	10.7	11.3	11.6	11.6	11.4	11.3	10.9	10.3	10.8	10.7	11.6	8.7	10.2
20	10.4	10.2	9.6	9.2	8.8	8.4	8.4	8.6	8.9	9.6	10.2	10.9	12.5	13.9	14.7	15.8	16.3	17.1	17.0	16.7	16.4	16.2	15.5	14.5	17.1	8.4	12.5
21	13.5	12.6	12.8	11.7	11.3	11.0	12.1	12.5	13.0	14.4	15.2	15.8	16.2	16.6	16.7	16.4	15.7	16.1	16.2	15.5	14.8	14.5	13.8	12.8	16.7	11.0	14.2
22	12.0	11.6	11.2	11.0	11.0	11.6	12.2	13.3	13.6	15.3	17.1	17.9	18.8	19.0	18.9	19.3	19.8	19.7	19.8	20.1	18.7	17.2	16.2	16.0	20.1	11.0	15.9
23	15.8	15.4	15.0	13.7	12.5	11.9	11.9	12.6	12.8	12.8	12.7	13.2	14.2	15.1	15.8	16.5	16.2	16.5	15.7	14.7	14.1	14.0	13.6	12.4	16.5	11.9	14.1
24	12.0	11.0	11.4	11.2	10.7	10.4	10.4	10.8	11.3	11.1	11.1	10.9	11.3	11.6	12.5	12.6	13.0	12.9	14.3	13.6	13.3	12.9	12.4	12.2	14.3	10.4	11.9
25	12.0	11.6	11.0	10.5	10.2	10.2	10.5	10.5	11.0	11.6	13.1	14.6	15.2	15.7	16.4	16.3	16.5	17.4	18.0	17.9	17.2	16.7	15.2	14.2	18.0	10.2	13.9
26	12.8	11.5	11.4	10.6	10.4	9.9	9.8	10.7	12.5	15.9	18.3	19.6	19.9	20.5	21.2	22.6	22.6	23.0	23.4	22.9	21.9	20.8	19.6	17.9	23.4	9.8	17.1
27	16.1	14.5	13.6	12.6	13.3	13.0	13.9	14.3	14.9	16.0	17.4	18.3	19.4	20.3	20.9	21.6	21.8	22.2	22.2	20.5	19.8	18.8	17.9	17.2	22.2	12.6	17.5
28	16.2	15.5	14.7	13.9	12.7	11.9	12.2	13.2	15.8	17.3	18.7	19.7	20.7	22.3	22.9	22.9	24.4	23.9	23.8	23.5	22.2	20.9	20.0	19.0	24.4	11.9	18.7
29	17.4	16.7	14.9	14.7	13.8	14.0	14.1	14.0	15.1	17.4	18.7	19.8	20.1	21.0	19.3	20.2	20.8	20.5	20.6	19.8	17.4	15.7	15.0	14.6	21.0	13.8	17.3
30	14.2	14.0	13.5	12.7	12.1	12.1	12.0	12.2	13.0	14.0	15.2	16.5	17.2	17.8	18.5	19.2	18.5	17.7	16.5	14.8	13.4	12.4	11.8	11.4	19.2	11.4	14.6
31	11.4	10.4	10.5	10.4	10.3	10.2	10.3	10.2	10.7	11.6	12.7	13.5	14.3	14.9	15.5	16.3	16.3	16.5	15.3	15.0	14.7	13.9	13.1	12.7	16.5	10.2	12.9
Max	17.4	16.7	15.0	14.7	13.8	14.0	14.1	14.5	15.8	17.4	18.7	19.8	20.7	22.3	22.9	22.9	24.4	23.9	23.8	23.5	22.2	20.9	20.0	19.0	24.4		
Min	7.7	6.2	5.5	5.1	4.5	4.8	6.3	7.4	7.9	7.9	7.9	8.1	8.3	8.1	8.0	8.2	8.5	8.4	8.7	8.8	8.0	7.9	7.8	7.9		4.5	
Avg.	11.6	11.0	10.5	10.1	9.8	9.6	10.1	10.7	11.5	12.5	13.4	14.1	14.6	14.9	15.3	15.6	15.7	15.6	15.3	14.8	14.1	13.5	13.0	12.3			12.9
																									Max Daily Mean		18.7
																									Min Daily Mean		8.4

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	12.2	11.6	11.1	10.2	9.5	9.5	10.9	12.0	13.6	15.0	16.1	17.2	16.0	15.9	16.7	16.2	17.7	17.2	16.8	15.9	14.9	14.0	13.0	12.2	17.7	9.5	14.0
2	11.1	9.3	9.2	8.5	8.3	8.6	9.1	9.6	11.0	11.7	13.5	14.9	15.2	14.9	14.9	14.5	14.0	13.3	12.5	11.6	10.1	8.2	7.7	7.4	15.2	7.4	11.2
3	7.5	7.1	7.1	6.8	6.3	5.9	6.1	6.5	6.9	7.2	7.5	9.1	9.2	8.0	8.2	9.3	8.9	8.4	8.5	9.0	9.3	9.4	9.4	9.1	9.4	5.9	7.9
4	9.0	8.7	7.9	7.0	6.2	5.8	5.6	6.2	6.8	8.0	10.4	11.4	12.2	12.8	12.7	12.2	11.5	10.7	10.4	10.2	10.4	9.9	9.4	9.3	12.8	5.6	9.4
5	8.7	8.4	8.1	7.7	7.2	6.8	6.4	6.8	8.4	9.4	11.0	12.1	12.9	14.2	14.6	14.9	11.6	12.0	12.6	12.9	12.9	12.4	11.3	10.4	14.9	6.4	10.6
6	9.1	8.2	7.2	6.0	6.0	6.4	6.1	6.6	7.3	9.0	10.8	12.9	13.6	14.3	14.9	15.3	15.6	15.8	15.0	14.7	14.5	14.3	13.5	13.4	15.8	6.0	11.3
7	12.4	11.5	10.1	9.6	9.1	9.0	9.0	10.0	11.6	14.6	15.7	16.7	17.6	17.4	17.4	16.0	15.5	14.3	13.3	11.6	10.4	10.0	9.8	9.4	17.6	9.0	12.6
8	9.4	9.4	9.6	9.3	9.0	8.2	8.0	8.4	8.8	9.4	10.2	11.1	12.2	13.1	14.3	14.1	14.6	14.2	13.8	13.5	13.2	12.5	12.3	12.1	14.6	8.0	11.3
9	11.8	11.3	11.0	10.6	9.8	9.4	8.9	9.9	11.0	11.4	12.2	13.2	13.8	14.5	15.7	16.5	16.9	16.5	15.8	14.9	13.8	13.1	12.4	11.4	16.9	8.9	12.7
10	10.3	8.7	7.7	7.6	6.8	6.4	6.1	7.0	8.6	10.8	13.4	14.5	15.7	16.0	16.4	17.5	17.6	17.7	17.2	16.5	15.5	14.8	13.6	12.2	17.7	6.1	12.4
11	11.4	10.1	9.4	8.7	7.7	7.0	7.4	7.5	9.9	12.1	14.7	16.1	17.3	17.5	17.8	18.3	18.0	17.6	17.7	17.4	16.9	16.5	16.0	15.5	18.3	7.0	13.7
12	14.2	13.0	12.4	12.1	10.9	11.2	11.6	11.6	12.5	13.4	15.1	16.8	17.3	17.1	17.4	17.0	16.1	14.1	13.5	12.8	13.0	12.3	12.5	11.9	17.4	10.9	13.7
13	11.5	10.0	10.2	9.4	9.6	9.8	8.9	9.8	11.3	13.0	15.0	16.8	17.3	16.4	17.0	18.6	19.2	19.6	19.4	19.0	18.0	16.9	15.7	13.9	19.6	8.9	14.4
14	13.1	11.7	10.4	10.5	10.4	9.8	9.8	10.6	12.2	14.7	17.2	19.1	20.1	20.8	21.7	22.1	22.3	22.2	21.4	21.0	20.3	18.7	18.1	16.1	22.3	9.8	16.4
15	15.0	14.3	14.1	12.9	11.5	11.6	11.2	12.1	13.1	15.5	17.1	18.6	19.6	19.8	20.1	20.5	20.4	20.2	19.5	18.9	18.3	18.0	17.4	17.0	20.5	11.2	16.5
16	16.6	15.7	14.8	14.2	13.5	13.0	12.9	13.0	13.2	13.8	14.5	15.0	16.1	16.7	18.1	17.7	17.8	17.9	17.2	16.3	14.9	14.5	14.0	13.4	18.1	12.9	15.2
17	12.9	11.9	11.9	11.4	10.5	10.5	10.4	10.7	10.9	10.5	10.9	11.9	12.3	12.8	13.0	13.2	13.2	13.2	12.5	12.4	11.9	11.3	10.6	10.2	13.2	10.2	11.7
18	9.1	8.0	7.3	6.5	5.8	4.9	4.2	6.2	7.2	9.4	11.7	13.7	15.5	16.7	17.1	17.6	17.6	16.6	15.5	14.9	14.6	14.2	12.9	12.6	17.6	4.2	11.7
19	12.7	11.7	11.1	10.9	10.9	10.1	10.8	11.6	12.6	13.2	14.0	15.8	17.2	17.5	17.7	17.6	17.9	17.6	17.0	15.9	14.5	13.7	13.2	12.6	17.9	10.1	14.1
20	11.9	10.7	9.7	9.4	8.6	8.2	9.0	7.9	8.3	9.8	10.9	12.6	13.6	14.8	15.1	15.0	15.0	14.9	13.4	12.2	10.9	10.4	9.5	8.9	15.1	7.9	11.3
21	8.7	8.5	7.8	7.5	7.3	7.0	7.1	7.3	7.6	7.9	8.2	8.5	9.1	9.8	9.9	10.1	10.2	11.0	10.1	9.6	9.1	8.6	7.9	6.9	11.0	6.9	8.6
22	5.9	4.7	3.2	3.5	3.3	2.7	2.7	3.1	4.0	6.2	9.5	11.9	13.4	14.6	15.8	17.0	17.8	18.0	18.1	17.2	16.2	15.4	14.6	14.0	18.1	2.7	10.5
23	13.5	12.9	11.8	12.1	11.0	10.9	11.5	11.9	13.1	14.5	16.2	16.4	16.7	17.4	17.2	17.3	17.0	16.3	15.1	14.0	13.3	12.9	11.9	10.8	17.4	10.8	14.0
24	11.2	10.2	9.8	8.5	6.9	6.4	6.4	6.6	8.9	10.6	12.7	13.1	13.9	15.2	15.2	15.2	14.5	14.2	13.8	12.9	10.3	9.7	9.3	8.7	15.2	6.4	11.0
25	8.6	8.3	7.7	7.8	7.3	7.0	6.8	7.1	7.9	8.5	8.7	8.9	9.5	9.1	9.4	10.9	11.3	11.4	10.9	10.1	9.6	9.4	9.2	8.7	11.4	6.8	8.9
26	8.3	8.0	7.7	7.5	6.5	6.2	5.8	5.9	6.0	7.0	7.7	8.3	8.9	10.0	10.9	10.7	10.2	9.6	9.2	8.7	8.5	8.1	7.8	7.6	10.9	5.8	8.1
27	7.5	7.5	7.3	7.5	7.6	7.7	7.8	7.9	7.7	7.7	8.2	8.6	8.9	9.1	8.5	7.8	7.0	6.3	5.2	3.9	3.8	3.6	3.8	3.6	9.1	3.6	6.9
28	3.1	3.1	3.3	3.1	3.0	3.1	2.8	2.4	3.0	3.5	4.0	4.8	5.3	6.3	6.5	7.1	7.3	7.7	7.2	6.9	6.8	5.4	4.1	3.4	7.7	2.4	4.7
29	2.8	1.4	0.7	1.0	0.6	0.1	-1.0	-0.6	0.3	2.1	5.0	7.6	9.2	10.4	12.4	13.1	13.4	13.7	13.4	13.2	13.0	12.4	11.5	10.4	13.7	-1.0	6.9
30	9.6	8.4	8.0	8.0	7.3	8.0	8.0	8.9	9.4	10.6	11.5	14.0	16.3	18.1	18.9	19.2	18.8	18.9	17.9	16.6	15.7	14.9	14.2	13.8	19.2	7.3	13.1
31	13.8	12.7	11.6	10.2	9.7	9.0	8.5	7.7	7.7	8.2	9.2	10.5	11.1	11.8	12.0	12.9	13.3	12.9	12.4	11.7	11.1	10.0	11.1	10.5	13.8	7.7	10.8
Max	16.6	15.7	14.8	14.2	13.5	13.0	12.9	13.0	13.6	15.5	17.2	19.1	20.1	20.8	21.7	22.1	22.3	22.2	21.4	21.0	20.3	18.7	18.1	17.0	22.3		
Min	2.8	1.4	0.7	1.0	0.6	0.1	-1.0	-0.6	0.3	2.1	4.0	4.8	5.3	6.3	6.5	7.1	7.0	6.3	5.2	3.9	3.8	3.6	3.8	3.4		-1.0	
Avg.	10.4	9.6	9.0	8.6	8.0	7.7	7.7	8.1	9.1	10.3	11.7	13.0	13.8	14.3	14.8	15.0	14.9	14.6	14.1	13.4	12.8	12.1	11.5	10.9			11.5
																									Max Daily Mean		16.5
																									Min Daily Mean		4.7

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Temp 10m A (Deg C)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	10.1	10.6	8.5	9.5	8.9	9.3	7.7	7.8	8.9	9.1	9.5	9.3	10.2	10.4	9.8	9.7	9.7	9.9	9.0	8.2	7.7	7.3	7.0	6.8	10.6	6.8	9.0
2	7.0	7.0	6.8	6.9	6.5	6.3	6.4	6.7	7.2	7.7	9.5	10.9	11.9	13.1	13.4	13.8	13.7	13.6	13.0	11.6	10.7	10.1	9.4	9.3	13.8	6.3	9.7
3	8.5	8.9	8.6	7.8	7.4	7.7	7.3	8.3	9.7	10.8	11.2	11.5	11.9	12.1	12.4	13.1	13.2	12.9	13.1	12.7	12.4	12.1	11.7	11.2	13.2	7.3	10.7
4	9.3	8.2	7.2	7.0	7.4	7.6	7.2	7.2	7.6	7.8	8.6	10.4	12.2	13.4	14.1	13.5	12.9	12.1	11.3	10.8	10.5	10.4	9.9	9.4	14.1	7.0	9.8
5	8.9	9.1	8.3	9.1	8.9	8.9	8.8	10.0	10.7	11.4	12.1	12.2	12.6	12.8	12.1	11.8	11.4	11.2	10.4	9.9	9.4	8.9	7.8	7.7	12.8	7.7	10.2
6	7.3	6.9	6.8	6.5	6.3	5.6	5.4	5.1	4.7	5.2	5.4	5.9	6.6	7.7	7.4	4.7	5.2	5.0	4.8	4.6	4.2	4.1	4.0	4.1	7.7	4.0	5.6
7	3.5	2.9	2.6	2.2	2.4	1.9	1.7	1.4	1.6	1.9	2.6	3.3	4.4	5.7	6.3	5.7	6.6	6.7	6.3	5.3	4.1	4.0	3.4	2.6	6.7	1.4	3.7
8	1.3	0.8	0.6	0.4	-0.3	-0.2	-0.5	-0.4	0.7	2.6	4.4	6.1	6.7	7.5	6.9	6.3	5.3	4.9	4.8	4.9	4.7	3.8	3.5	2.7	7.5	-0.5	3.2
9	2.7	2.1	2.2	2.0	1.9	1.9	1.9	2.1	2.5	3.8	4.7	5.4	6.0	6.2	6.3	6.0	5.6	5.0	4.1	3.0	2.5	2.4	2.0	1.9	6.3	1.9	3.5
10	1.6	1.5	1.3	1.1	0.9	0.6	0.2	0.2	0.3	0.8	1.2	1.4	1.9	3.0	3.3	3.3	3.2	3.0	3.0	2.7	2.4	1.8	1.4	0.2	3.3	0.2	1.7
11	-0.2	-1.0	-1.9	-2.5	-2.3	-2.5	-3.7	-2.5	-0.9	0.5	1.9	3.2	4.6	5.3	6.0	6.2	6.1	6.2	5.9	5.1	4.3	3.4	2.6	2.6	6.2	-3.7	1.9
12	1.9	1.4	1.5	0.6	-0.4	-1.4	-1.2	-1.0	0.3	3.3	4.5	5.3	6.3	7.0	7.5	7.6	7.7	7.7	7.1	6.8	6.5	5.9	5.2	5.3	7.7	-1.4	4.0
13	5.0	3.8	4.0	3.9	3.7	2.7	2.5	1.9	2.0	2.1	2.5	3.5	4.3	4.8	4.9	5.2	5.2	4.9	4.6	4.4	3.9	3.7	3.3	2.6	5.2	1.9	3.7
14	1.4	0.7	0.0	-1.1	-0.8	-0.3	-0.6	-1.0	-0.6	0.8	1.2	3.1	4.6	5.2	5.4	6.0	6.4	6.3	6.4	6.4	5.9	5.8	5.8	5.3	6.4	-1.1	3.0
15	4.2	3.3	3.6	3.3	3.2	2.9	2.2	2.2	3.6	5.2	6.4	8.2	9.8	10.5	11.0	11.3	10.7	10.3	9.9	9.7	9.5	9.3	9.4	9.4	11.3	2.2	7.0
16	9.3	9.3	9.5	9.0	8.8	8.8	9.4	9.3	10.0	10.7	11.4	12.7	13.9	15.0	16.2	15.7	15.6	15.2	14.4	13.1	12.4	11.9	10.7	9.8	16.2	8.8	11.8
17	8.6	8.4	8.6	8.7	8.2	7.6	7.5	8.0	8.4	8.9	9.0	9.3	9.0	9.8	9.8	8.8	8.1	8.8	8.3	7.0	6.6	6.1	5.6	5.5	9.8	5.5	8.1
18	5.0	4.1	3.4	2.2	2.9	3.3	3.5	4.4	4.8	5.8	6.7	7.2	7.9	7.9	8.2	8.8	8.5	8.7	8.1	7.9	7.8	7.1	6.8	6.4	8.8	2.2	6.1
19	6.3	5.8	6.0	5.0	7.1	7.5	8.4	7.9	8.4	8.9	9.8	11.3	12.8	14.4	14.8	15.2	15.4	15.9	15.5	15.2	14.4	13.9	13.6	13.2	15.9	5.0	11.1
20	12.4	11.3	10.8	9.8	9.8	10.0	10.9	10.7	11.6	11.4	12.2	11.6	10.2	9.9	10.8	11.7	12.6	13.1	13.8	12.2	11.5	11.9	11.2	12.3	13.8	9.8	11.4
21	14.0	15.0	14.8	14.3	13.5	12.1	11.0	9.6	9.8	10.6	11.6	12.7	12.9	12.9	13.2	13.9	13.8	14.3	14.1	14.6	14.4	14.1	14.2	14.1	15.0	9.6	13.1
22	14.9	15.7	16.0	15.7	15.4	15.1	14.2	14.6	14.6	15.4	15.9	16.1	16.8	17.3	18.1	18.1	17.1	16.4	15.9	15.9	16.0	15.8	15.8	15.5	18.1	14.2	15.9
23	14.7	13.9	12.6	12.0	11.7	10.6	9.7	11.1	12.2	12.7	13.1	14.0	15.4	15.0	14.8	13.8	13.3	12.5	11.5	10.8	10.3	9.9	8.9	6.9	15.4	6.9	12.1
24	4.6	3.3	2.5	2.2	1.8	1.3	0.9	0.7	1.0	1.2	1.7	2.0	3.1	4.0	5.6	6.4	6.4	7.0	6.8	6.0	5.1	3.9	3.1	2.3	7.0	0.7	3.5
25	2.2	2.6	1.1	1.8	1.2	0.8	1.1	1.4	2.0	3.4	7.2	8.7	10.5	11.9	11.8	11.7	10.8	10.5	9.9	8.8	7.7	7.4	7.3	7.9	11.9	0.8	6.2
26	8.3	7.6	6.8	6.4	6.9	7.1	6.2	5.1	5.9	5.3	6.7	7.5	9.2	10.9	11.8	11.7	12.1	11.2	10.4	9.5	8.2	8.2	7.7	7.4	12.1	5.1	8.3
27	6.6	6.0	5.7	5.3	5.3	4.6	2.8	2.2	2.3	2.3	2.7	3.3	4.0	5.0	5.8	6.6	8.4	8.7	7.5	7.3	6.6	5.9	4.9	4.3	8.7	2.2	5.2
28	2.9	2.6	3.1	1.8	2.3	2.5	4.9	5.5	5.6	6.4	6.4	7.4	8.0	9.0	9.2	9.3	9.2	8.9	8.5	7.9	7.4	7.1	6.6	5.6	9.3	1.8	6.2
29	5.1	4.6	3.2	2.7	2.9	2.6	1.7	2.9	2.5	2.9	5.0	6.3	7.2	7.7	7.1	6.3	5.4	4.5	3.7	2.8	2.1	-0.6	-1.7	-1.7	7.7	-1.7	3.6
30	-1.8	-2.1	-2.0	-2.3	-2.2	-2.1	-2.1	-2.1	-2.0	-1.7	-1.5	-1.2	-1.0	-0.8	-0.3	-0.3	-0.2	-0.5	-0.6	-0.8	-1.6	-2.0	-2.0	-1.7	-0.2	-2.3	-1.5
Max	14.9	15.7	16.0	15.7	15.4	15.1	14.2	14.6	14.6	15.4	15.9	16.1	16.8	17.3	18.1	18.1	17.1	16.4	15.9	15.9	16.0	15.8	15.8	15.5	18.1		
Min	-1.8	-2.1	-2.0	-2.5	-2.3	-2.5	-3.7	-2.5	-2.0	-1.7	-1.5	-1.2	-1.0	-0.8	-0.3	-0.3	-0.2	-0.5	-0.6	-0.8	-1.6	-2.0	-2.0	-1.7		-3.7	
Avg.	6.2	5.8	5.4	5.0	5.0	4.8	4.5	4.6	5.2	5.9	6.8	7.6	8.5	9.2	9.5	9.4	9.3	9.2	8.7	8.1	7.6	7.1	6.6	6.3			6.9
																									Max Daily Mean		15.9
																									Min Daily Mean		-1.5

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.00	0.20	0.10	0.20	0.20	0.30	0.20	0.20	0.20	-0.30	-0.30	-0.70	-0.40	-0.50	-0.10	-0.10	0.20	0.20	0.20	0.10	0.20	0.20	0.20	0.20	0.30	-0.70	0.03
2	0.20	0.20	0.20	0.40	0.40	0.30	0.30	0.10	-0.10	-0.40	-0.30	-0.30	-0.20	-0.10	-0.10	0.00	0.10	0.20	0.20	0.20	0.30	0.20	0.30	0.30	0.40	-0.40	0.10
3	0.40	0.50	0.30	0.20	0.30	0.30	0.60	0.50	0.10	-0.30	-0.30	-0.40	-0.40	-0.20	-0.20	-0.10	0.20	0.10	0.10	0.20	0.30	0.30	0.40	0.30	0.60	-0.40	0.13
4	0.30	0.40	0.30	0.30	0.40	0.40	0.10	0.20	0.00	OutCal	OutCal	OutCal	OutCal	-0.30	-0.40	-0.30	-0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.00	0.40	-0.40	0.10
5	0.40	0.30	0.20	0.10	0.10	0.20	0.40	0.70	0.80	0.50	0.00	-0.40	-0.50	-0.70	-0.40	-0.10	0.00	0.00	0.10	0.10	0.10	0.20	0.30	0.40	0.80	-0.70	0.12
6	0.90	0.90	0.90	0.90	0.90	1.40	1.20	1.60	1.40	0.70	0.20	-0.30	-0.70	-0.20	-0.10	-0.10	0.00	0.10	0.10	0.10	0.20	0.20	0.60	0.50	1.60	-0.70	0.48
7	0.40	0.20	0.20	0.20	0.30	0.30	0.20	0.30	0.30	0.10	-0.10	-0.20	-0.30	-0.20	-0.20	-0.20	0.00	0.00	0.10	0.20	0.10	0.00	0.10	0.40	0.40	-0.30	0.09
8	0.40	0.30	0.10	0.10	0.30	0.20	0.50	0.30	-0.10	-0.40	-0.80	-0.60	-0.40	-0.30	-0.30	-0.30	0.00	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.50	-0.80	-0.02
9	0.10	0.10	-0.10	0.00	-0.10	-0.10	-0.10	0.00	0.00	-0.10	-0.30	-0.40	-0.30	-0.10	0.10	0.20	0.20	0.10	0.10	0.20	0.20	0.30	0.50	0.40	0.50	-0.40	0.04
10	0.30	0.40	0.50	0.70	0.50	0.50	0.60	0.20	0.10	-0.10	0.00	0.00	-0.20	-0.30	-0.40	-0.30	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	-0.40	0.10
11	0.00	0.10	0.00	-0.10	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.40	-0.40	-0.50	-0.50	-0.30	-0.20	-0.10	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.10	-0.50	-0.10
12	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.40	-0.40	-0.40	-0.30	-0.30	-0.30	0.10	0.20	0.10	0.00	0.00	0.00	0.20	0.20	-0.40	-0.06
13	0.20	0.30	0.30	0.60	0.40	0.80	0.40	0.30	0.30	0.20	0.20	0.00	-0.20	-0.20	-0.20	-0.20	0.00	0.10	0.20	0.20	0.50	0.80	0.70	0.60	0.80	-0.20	0.26
14	0.90	1.10	1.20	1.00	0.40	0.80	0.50	0.30	0.30	0.20	0.10	0.00	-0.10	0.00	0.00	-0.10	0.00	0.10	0.20	0.30	0.20	0.30	0.50	0.30	1.20	-0.10	0.35
15	0.40	0.30	0.50	0.30	0.60	1.10	1.00	0.30	0.20	-0.10	0.00	0.00	0.10	-0.10	-0.10	0.00	0.20	0.40	0.30	0.10	0.20	0.30	0.20	0.20	1.10	-0.10	0.27
16	0.20	0.20	0.20	0.30	0.20	0.10	0.20	0.20	0.20	-0.10	-0.10	-0.40	-0.30	-0.20	-0.10	0.00	0.00	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.30	-0.40	0.05
17	0.10	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	-0.10	-0.20	-0.20	-0.20	-0.30	-0.30	-0.20	-0.10	-0.10	0.00	0.10	0.00	0.00	0.10	0.00	0.10	-0.30	-0.05
18	0.10	0.30	0.00	0.10	0.00	0.40	0.20	0.10	0.10	0.00	-0.20	0.00	-0.30	-0.40	-0.30	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.40	-0.40	-0.04
19	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	0.00	0.00	0.00	0.10	0.10	0.20	0.20	0.20	0.20	-0.20	-0.03
20	0.40	0.70	0.80	0.50	0.30	0.30	0.20	0.20	0.20	0.20	0.20	0.70	0.60	-0.10	0.10	0.40	0.40	0.40	0.40	0.50	0.40	0.80	0.70	0.70	0.80	-0.10	0.42
21	0.60	0.80	0.30	0.50	1.10	0.50	0.30	0.50	0.30	0.20	0.20	0.10	0.00	0.10	0.30	0.40	0.30	0.30	0.30	0.20	0.50	0.90	0.70	0.40	1.10	0.00	0.41
22	0.40	0.30	0.30	0.50	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.30	0.20	0.10	0.10	0.00	0.20	0.00	0.10	0.10	0.20	0.50	0.40	0.80	0.80	0.00	0.24
23	0.40	0.40	0.20	0.60	0.40	0.70	0.30	0.40	0.20	0.30	0.50	0.50	0.00	-0.20	-0.10	0.10	0.20	0.10	0.30	0.20	0.20	0.30	0.20	0.40	0.70	-0.20	0.28
24	0.30	0.30	0.40	0.60	0.40	0.60	0.70	0.40	0.70	0.30	0.10	0.80	0.20	0.10	0.10	0.20	0.50	0.50	1.40	1.00	0.80	0.70	0.60	0.20	1.40	0.10	0.50
25	0.70	1.00	1.20	1.20	0.90	0.80	0.40	0.30	0.20	0.20	0.10	0.20	0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.30	1.20	0.00	0.37
26	0.30	0.40	0.20	0.30	0.10	0.10	0.00	-0.10	0.00	0.00	-0.10	-0.30	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.00	0.40	-0.30	0.03
27	0.00	0.00	0.10	0.30	0.40	0.30	0.60	0.40	0.50	0.30	0.30	0.40	0.60	0.30	0.70	0.40	0.40	0.60	0.70	0.80	0.70	0.30	0.60	0.30	0.80	0.00	0.42
28	0.30	0.20	0.20	1.00	1.00	0.90	0.70	0.90	1.10	2.00	0.80	0.80	0.70	0.40	0.50	0.50	0.50	1.20	1.00	0.80	1.20	0.60	0.40	0.20	2.00	0.20	0.75
29	0.20	0.40	0.50	0.80	1.20	0.70	0.80	1.40	1.00	0.70	0.40	0.30	0.10	0.10	0.10	0.10	0.10	0.20	0.40	0.50	0.30	0.50	0.30	0.20	1.40	0.10	0.47
30	0.20	0.30	0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.10	0.10	0.00	0.10	0.10	0.10	0.20	0.30	-0.20	-0.01
31	0.20	0.00	0.10	0.10	0.10	0.10	0.20	0.40	0.50	0.40	0.40	0.40	0.20	0.30	0.20	0.40	0.50	0.40	0.40	0.50	0.40	0.40	0.40	0.40	0.50	0.00	0.31
Max	0.90	1.10	1.20	1.20	1.20	1.40	1.20	1.60	1.40	2.00	0.80	0.80	0.70	0.40	0.70	0.50	0.50	1.20	1.40	1.00	1.20	0.90	0.70	0.80	2.00		
Min	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.40	-0.80	-0.70	-0.70	-0.70	-0.40	-0.30	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10		-0.80	
Avg.	0.30	0.34	0.31	0.37	0.35	0.39	0.34	0.33	0.27	0.14	0.00	-0.03	-0.11	-0.15	-0.07	-0.01	0.11	0.17	0.24	0.23	0.25	0.27	0.29	0.26			0.19
																									Max Daily Mean		0.75
																									Min Daily Mean		-0.10

Total Hours in month: **744** **Hours Data Available:** **740** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.50	0.30	0.50	0.40	0.40	0.30	0.70	0.60	0.80	0.40	0.10	0.10	0.00	0.30	0.10	0.00	0.20	0.30	0.20	0.30	0.40	0.30	0.30	0.30	0.80	0.00	0.33
2	0.40	0.90	1.90	0.60	0.20	0.10	0.10	0.10	0.50	0.30	0.20	0.60	0.40	0.20	0.50	0.50	0.60	0.40	0.60	0.20	0.60	0.60	0.80	0.80	1.90	0.10	0.50
3	0.70	1.00	1.30	1.40	1.30	3.60	2.80	1.90	1.20	0.20	0.20	0.20	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	3.60	0.00	0.70
4	0.10	0.20	0.10	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.20	0.00	0.00	0.00	0.00	-0.10	-0.10	0.00	0.00	0.00	0.00	0.20	-0.20	0.02
5	-0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.10	0.00	0.10	0.20	0.60	0.70	0.10	0.70	0.90	0.50	0.40	0.20	0.00	0.90	-0.10	0.23
6	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.20	0.30	0.50	0.10	0.10	0.20	0.20	0.30	0.50	0.00	0.11
7	0.40	0.40	0.30	0.20	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.40	-0.20	0.00
8	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.30	0.00	-0.10	-0.20	-0.10	-0.10	-0.10	0.00	0.00	0.20	0.40	0.60	1.00	1.20	1.40	1.00	1.40	-0.20	0.23
9	1.00	1.60	0.90	0.80	0.70	0.60	0.20	0.20	0.10	0.10	0.10	0.20	0.30	0.30	0.10	0.00	0.10	0.20	0.30	0.30	0.30	0.20	0.00	0.10	1.60	0.00	0.36
10	0.20	0.20	0.20	0.30	0.10	0.30	0.30	0.30	0.40	0.40	0.40	0.00	0.00	0.40	0.70	0.40	0.80	0.50	0.20	0.40	0.50	0.60	0.40	0.20	0.80	0.00	0.34
11	0.20	0.10	0.10	0.10	0.20	0.10	0.10	0.00	0.20	0.30	0.20	0.20	0.40	0.20	0.10	0.10	0.20	0.20	0.20	0.20	0.10	0.10	0.20	0.10	0.40	0.00	0.16
12	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.40	-0.10	0.08
13	0.00	0.00	0.00	0.10	0.20	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.00	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10	0.20	-0.10	0.03
14	0.10	0.10	0.20	0.20	0.00	0.20	0.30	0.40	0.30	0.20	-0.10	0.00	0.00	0.00	0.00	0.10	0.20	0.50	0.40	0.20	0.20	0.30	0.20	0.30	0.50	-0.10	0.18
15	0.40	0.30	0.30	0.20	0.20	0.30	0.30	0.40	0.60	0.50	1.00	0.60	0.80	0.50	0.10	0.20	0.20	0.30	0.10	0.10	0.10	0.20	0.30	0.20	1.00	0.10	0.34
16	0.20	0.40	0.40	0.50	0.40	0.40	0.50	0.50	0.20	0.20	0.10	0.00	0.00	0.10	0.20	0.50	0.90	0.30	0.40	0.60	0.30	0.90	0.70	0.40	0.90	0.00	0.38
17	0.80	0.30	0.50	0.80	0.30	0.10	0.10	0.20	0.30	0.30	0.30	0.10	0.10	0.30	0.40	0.30	0.40	0.40	0.60	0.60	0.90	1.00	0.70	0.80	1.00	0.10	0.44
18	0.90	1.10	0.50	0.40	0.60	0.60	0.40	0.30	0.50	0.60	0.70	0.40	0.40	0.40	0.60	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.70	1.10	0.30	0.56
19	0.30	0.40	0.40	0.30	0.80	0.70	0.50	0.50	0.40	0.40	0.60	0.50	1.00	1.50	1.70	0.90	0.80	0.90	0.80	0.70	1.10	0.80	1.00	1.00	1.70	0.30	0.75
20	0.90	0.60	0.50	0.50	0.40	0.50	0.40	0.40	0.30	0.30	0.20	0.30	0.30	0.30	0.10	0.10	0.20	0.20	0.20	0.20	0.30	0.20	0.30	0.30	0.90	0.10	0.33
21	0.30	0.30	0.20	0.50	0.40	0.40	0.60	0.50	0.40	0.30	0.30	0.30	0.40	0.20	0.20	0.30	0.30	0.40	0.40	0.30	0.50	0.40	0.50	0.40	0.60	0.20	0.37
22	0.50	0.40	0.60	0.60	0.80	0.60	1.20	1.00	0.90	0.30	1.10	1.20	0.50	0.40	0.20	0.30	0.20	0.40	0.10	0.30	0.30	0.30	0.20	0.10	1.20	0.10	0.52
23	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.40	0.20	0.10	0.00	-0.10	0.00	0.10	0.20	0.40	0.50	0.50	0.50	0.80	0.50	0.30	0.80	0.70	0.80	-0.10	0.27
24	0.30	0.30	0.10	0.20	0.20	0.40	0.50	0.50	0.50	0.50	0.50	0.20	0.40	0.50	0.50	0.70	0.80	0.70	0.80	0.40	0.80	0.10	0.20	0.20	0.80	0.10	0.43
25	0.20	0.20	0.10	0.30	0.10	0.10	0.20	0.10	0.20	0.30	0.40	0.30	0.30	0.10	0.20	0.30	0.40	0.30	0.30	0.00	0.20	0.70	0.40	0.30	0.70	0.00	0.25
26	0.30	0.40	0.60	0.30	0.20	0.20	0.50	0.30	0.50	0.40	0.40	0.40	0.80	0.70	0.60	0.40	0.20	0.30	0.50	0.70	0.60	0.70	1.00	1.10	1.10	0.20	0.50
27	1.50	0.90	0.90	1.00	0.70	1.10	1.00	0.80	1.40	1.30	2.30	1.20	0.90	0.80	0.40	0.40	0.30	0.30	0.40	0.30	0.30	0.20	0.20	0.10	2.30	0.10	0.78
28	0.10	0.10	0.10	0.20	0.10	0.20	0.40	0.30	0.30	0.50	0.70	0.90	0.70	0.70	0.80	0.70	0.40	0.30	0.60	0.40	0.50	0.40	0.30	0.30	0.90	0.10	0.42
29	0.30	0.50	0.50	0.40	0.40	0.60	0.50	0.30	0.10	0.20	0.20	0.40	0.40	0.50	0.60	0.60	0.70	0.80	1.00	0.70	0.90	1.10	1.20	0.50	1.20	0.10	0.56
30	2.00	1.60	0.90	0.80	1.00	0.60	0.30	0.20	0.30	0.50	1.10	2.40	1.90	1.70	1.70	1.50	1.50	1.60	0.70	1.30	1.40	0.80	0.90	0.90	2.40	0.20	1.15
Max	2.00	1.60	1.90	1.40	1.30	3.60	2.80	1.90	1.40	1.30	2.30	2.40	1.90	1.70	1.70	1.50	1.50	1.60	1.00	1.30	1.40	1.20	1.40	1.10	3.60		
Min	-0.10	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	-0.10	-0.10	0.00	0.00	0.00	0.00		-0.20	
Avg.	0.42	0.43	0.41	0.38	0.34	0.41	0.41	0.36	0.38	0.31	0.38	0.33	0.32	0.32	0.33	0.33	0.38	0.37	0.38	0.37	0.43	0.43	0.44	0.38			0.38
																									Max Daily Mean		1.15
																									Min Daily Mean		0.00

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.30	0.30	0.10	0.10	0.10	0.10	0.20	0.10	0.20	0.20	0.40	0.20	0.00	0.00	0.00	0.10	0.10	0.30	0.60	0.50	0.40	0.30	0.50	0.40	0.60	0.00	0.23
2	0.40	0.70	0.60	0.70	0.30	0.20	0.40	0.20	0.30	0.10	0.20	0.20	0.20	0.20	0.30	0.30	0.30	0.20	0.10	0.10	0.20	0.20	0.20	0.00	0.70	0.00	0.28
3	0.00	0.00	0.00	0.00	0.20	0.30	0.20	0.40	1.40	1.80	0.90	0.50	0.40	0.50	0.40	0.50	0.40	0.50	0.60	0.60	1.20	0.90	1.20	0.60	1.80	0.00	0.56
4	0.40	0.50	0.10	0.20	0.10	0.20	0.10	0.10	0.10	0.20	0.10	0.10	0.20	0.10	0.10	-0.10	-0.20	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10	0.50	-0.20	0.06
5	-0.10	-0.10	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.02
6	0.00	0.00	0.00	-0.10	-0.10	0.00	-0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	-0.10	-0.10	0.00	0.00	0.30	0.30	-0.10	-0.04
7	0.30	0.30	0.60	0.50	0.40	0.30	0.50	0.70	0.40	1.20	1.00	1.50	0.80	0.40	0.30	0.30	0.40	0.40	0.40	0.30	0.20	0.10	0.30	0.10	1.50	0.10	0.49
8	0.10	0.00	-0.10	0.00	0.00	0.10	0.10	0.10	0.20	0.50	0.20	0.60	0.30	0.30	0.60	0.60	0.40	0.50	0.90	1.10	1.10	0.80	0.70	0.60	1.10	-0.10	0.40
9	0.70	1.00	0.10	0.40	0.40	0.50	0.20	0.40	0.20	0.30	0.40	0.30	0.20	0.20	0.00	0.30	0.90	0.70	0.60	1.00	0.90	0.30	0.20	0.20	1.00	0.00	0.43
10	0.30	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.30	0.40	0.40	0.90	1.10	1.20	1.30	1.40	1.40	1.10	0.50	0.40	0.40	0.40	0.30	0.70	1.40	0.00	0.53
11	0.50	0.60	0.60	0.60	0.90	0.90	0.90	0.90	1.20	2.20	0.80	1.30	0.50	0.10	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.10	0.20	0.10	2.20	0.00	0.53
12	0.10	0.40	0.40	0.40	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.06
13	0.00	0.10	0.00	-0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.00	-0.10	-0.10	0.10	0.10	0.20	0.30	0.30	0.30	0.50	0.30	0.40	0.40	0.70	0.70	-0.10	0.15
14	1.20	1.40	1.30	0.90	0.60	0.30	0.50	1.10	0.90	0.70	0.60	0.60	0.90	0.50	0.30	0.30	0.30	0.30	0.30	0.20	0.30	0.40	0.40	0.40	1.40	0.20	0.61
15	0.20	0.20	0.20	0.20	0.40	0.20	0.30	0.60	0.40	0.40	0.50	1.00	0.50	0.10	0.00	0.00	0.00	0.10	0.20	0.40	0.50	0.60	0.20	0.40	1.00	0.00	0.32
16	0.60	0.70	0.80	0.90	0.50	0.80	1.40	1.70	1.00	1.60	1.60	1.50	1.00	1.40	1.00	1.50	1.00	1.20	0.90	0.70	0.80	0.90	0.70	0.90	1.70	0.50	1.05
17	1.10	1.10	0.70	1.20	0.90	0.80	1.20	0.90	1.10	0.70	0.70	1.00	1.40	1.10	1.30	1.40	2.00	2.10	1.50	1.50	2.40	1.40	1.20	1.60	2.40	0.70	1.26
18	1.80	1.00	1.30	0.60	0.70	0.30	0.30	0.20	0.20	0.20	0.20	0.10	0.20	0.10	0.10	0.20	0.20	0.30	0.20	0.40	0.60	0.50	0.20	0.20	1.80	0.10	0.42
19	0.20	0.60	0.60	0.60	0.60	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.10	0.10	0.20	0.30	0.10	0.10	0.60	0.00	0.16
20	0.20	0.10	0.20	0.20	0.30	0.20	0.20	0.40	0.20	0.40	0.30	0.60	0.50	0.30	0.70	0.80	0.70	0.80	1.10	0.50	0.60	0.70	0.60	0.40	1.10	0.10	0.46
21	0.20	0.10	0.10	0.20	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.30	0.30	0.30	-0.10	0.06
22	0.40	0.50	0.50	0.40	0.70	0.40	0.20	1.10	0.50	0.20	0.20	0.40	0.30	0.80	0.40	0.00	0.10	0.20	0.10	0.00	0.00	0.00	0.20	0.10	1.10	0.00	0.32
23	0.10	0.20	0.20	0.40	0.30	-0.10	-0.10	-0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.10	0.00	0.10	0.10	0.20	0.30	0.40	0.70	0.70	-0.10	0.10
24	0.50	0.20	0.10	0.00	0.10	0.20	0.10	0.10	0.20	0.30	0.20	0.20	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.50	0.50	0.20	0.20	0.50	0.50	0.00	0.28
25	0.20	0.30	0.20	0.20	0.40	0.20	0.40	0.30	0.50	0.50	0.30	0.10	0.20	0.10	0.10	0.00	0.10	0.00	0.10	0.10	0.20	0.20	0.20	0.30	0.50	0.00	0.22
26	0.30	0.50	0.60	0.40	0.50	0.40	0.30	0.60	0.20	0.70	1.10	0.50	0.30	0.70	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.00	1.10	0.00	0.35
27	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10	0.20	0.20	0.30	0.20	0.30	0.20	0.40	0.30	0.40	0.30	0.30	0.30	0.80	0.50	0.40	0.40	0.80	0.00	0.24
28	0.30	0.30	0.40	0.50	0.60	0.50	0.60	0.40	0.50	0.70	0.60	0.80	0.70	0.10	0.30	0.40	-0.10	0.20	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	0.80	-0.10	0.30
29	0.00	0.00	0.00	-0.10	0.00	0.20	0.20	0.20	0.10	0.20	0.20	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.50	0.30	0.40	0.70	0.60	0.70	-0.10	0.21
30	0.50	0.60	0.30	0.40	0.20	0.40	0.90	1.20	0.60	0.30	0.30	0.30	0.30	0.10	0.20	0.30	0.40	0.20	0.30	0.20	0.20	0.50	0.10	0.40	1.20	0.10	0.38
31	0.40	0.30	0.30	0.30	0.50	0.20	0.20	0.30	0.30	0.30	0.50	0.50	0.40	0.20	0.20	0.30	0.30	0.20	0.20	0.30	0.50	0.40	0.30	0.30	0.50	0.20	0.32
Max	1.80	1.40	1.30	1.20	0.90	0.90	1.40	1.70	1.40	2.20	1.60	1.50	1.40	1.40	1.30	1.50	2.00	2.10	1.50	1.50	2.40	1.40	1.20	1.60	2.40		
Min	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	-0.10		-0.20	
Avg.	0.36	0.38	0.33	0.32	0.31	0.25	0.30	0.40	0.37	0.46	0.38	0.43	0.35	0.30	0.28	0.32	0.33	0.34	0.32	0.33	0.41	0.35	0.33	0.36			0.35
																									Max Daily Mean		1.26
																									Min Daily Mean		-0.04

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.30	0.30	0.30	0.20	0.60	0.60	0.40	0.50	0.40	0.50	0.30	0.30	0.20	0.20	0.30	0.10	0.20	0.20	0.20	0.10	0.30	0.10	0.10	0.00	0.60	0.00	0.28
2	0.00	0.10	0.10	0.00	-0.10	0.00	0.10	0.20	0.10	0.20	0.20	0.10	0.50	0.30	0.30	0.50	0.40	0.40	0.50	0.40	0.40	0.90	0.60	0.80	0.90	-0.10	0.29
3	0.90	1.00	0.50	1.10	0.90	0.90	1.30	1.50	0.70	0.40	0.60	0.40	0.30	0.30	0.30	0.70	0.90	0.20	0.30	0.50	0.80	0.60	1.00	0.50	1.50	0.20	0.69
4	0.60	0.30	0.40	0.20	0.40	0.30	0.70	0.10	0.30	0.00	0.10	-0.10	-0.20	-0.20	-0.10	-0.10	0.20	-0.20	-0.10	-0.20	-0.20	-0.10	0.10	0.00	0.70	-0.20	0.09
5	0.10	0.20	0.20	0.20	0.30	0.40	0.30	0.50	1.00	0.80	0.80	0.50	0.30	0.50	0.30	0.50	0.60	0.90	0.30	1.20	1.20	1.30	0.60	0.70	1.30	0.10	0.57
6	0.60	0.50	0.80	0.70	0.20	0.70	0.90	0.60	0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.20	0.20	0.30	0.30	0.40	0.60	0.50	0.90	-0.10	0.30
7	0.20	0.30	0.50	0.30	0.40	0.30	0.30	0.10	0.20	0.10	0.10	0.20	0.00	0.00	0.20	0.30	0.20	0.40	0.10	0.10	0.10	0.00	0.00	0.00	0.50	0.00	0.18
8	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.20	0.20	0.20	0.20	0.10	0.20	0.20	-0.10	0.00
9	0.20	0.20	0.20	0.30	0.60	0.40	0.50	0.80	0.60	0.50	0.70	0.50	0.60	0.70	0.70	1.10	1.10	1.20	1.00	1.90	1.30	1.30	1.80	3.40	3.40	0.20	0.90
10	3.70	2.80	2.20	1.90	1.90	1.30	0.40	0.30	0.50	0.30	0.20	0.20	0.70	0.90	0.40	0.40	0.50	0.10	0.40	0.30	0.40	0.20	0.30	0.30	3.70	0.10	0.86
11	0.30	0.60	0.60	1.10	1.50	1.40	2.20	1.40	1.50	2.00	1.10	1.10	0.50	1.20	1.10	0.40	0.80	0.50	0.40	0.30	0.40	0.20	0.20	0.10	2.20	0.10	0.87
12	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.10
13	-0.10	-0.10	0.00	0.00	-0.10	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.30	0.30	0.20	0.20	0.30	0.30	-0.10	0.06
14	0.20	0.30	0.20	0.30	0.20	0.30	0.30	0.60	0.40	0.50	0.50	0.50	0.40	0.50	0.70	0.90	1.20	1.10	1.10	0.50	0.80	0.80	1.00	0.80	1.20	0.20	0.59
15	1.10	0.90	0.90	0.80	0.70	1.10	1.00	0.80	1.00	1.20	1.30	1.50	1.00	0.40	0.60	0.80	1.00	0.70	0.90	1.10	1.10	0.60	1.20	0.70	1.50	0.40	0.93
16	0.70	0.20	0.60	0.60	0.70	0.30	0.20	0.10	0.20	0.30	0.20	0.30	0.50	0.30	0.50	0.40	0.50	0.50	0.60	0.40	0.50	0.90	0.80	0.80	0.90	0.10	0.46
17	0.60	0.60	0.70	0.80	1.30	0.80	1.20	1.20	0.70	0.70	1.00	0.80	0.80	0.70	1.10	0.90	1.00	0.90	0.80	0.50	0.80	1.00	1.00	0.50	1.30	0.50	0.85
18	0.80	0.50	1.00	0.90	1.00	0.70	0.90	1.00	0.90	0.80	0.90	1.10	0.80	1.00	1.30	0.90	0.90	0.60	1.00	0.80	0.70	0.80	1.00	1.00	1.30	0.50	0.89
19	0.70	0.80	0.70	0.80	0.30	0.70	0.90	0.90	0.80	0.60	0.40	0.50	0.40	0.60	0.60	0.30	0.40	0.40	1.00	0.60	0.50	0.50	0.80	0.80	1.00	0.30	0.63
20	0.60	0.40	0.60	0.60	0.50	0.30	0.30	0.60	0.40	0.50	0.40	0.80	0.50	0.40	0.80	0.60	0.40	0.40	0.30	1.00	0.60	0.50	0.20	0.40	1.00	0.20	0.50
21	0.40	0.40	0.30	0.60	0.30	0.20	0.30	0.30	0.20	0.20	0.40	0.40	0.30	0.50	0.40	0.30	0.20	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.60	0.00	0.25
22	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.20	0.10	0.20	-0.10	0.02
23	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.10	0.10	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	-0.10	-0.10	0.00	-0.10	-0.10	0.00	0.20	-0.10	0.02
24	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.10	0.20	0.00	-0.10	-0.20	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	0.20	-0.20	-0.04
25	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	0.00	-0.10	-0.10	0.20	0.00	0.10	0.00	0.00	0.10	0.10	0.10	0.20	0.20	-0.20	-0.04
26	0.00	0.00	0.00	-0.10	0.00	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.20	0.30	0.10	0.10	0.10	0.10	0.00	0.00	0.10	0.20	0.30	0.20	0.40	0.40	-0.10	0.07
27	0.30	0.20	0.20	0.20	0.20	0.10	0.20	0.10	0.10	0.30	0.40	0.30	0.40	0.30	0.30	0.30	0.30	0.40	0.40	0.50	0.40	0.30	0.60	0.50	0.60	0.10	0.30
28	0.60	0.60	0.60	0.70	0.60	0.90	0.80	1.30	0.70	0.70	0.60	0.30	0.60	0.90	0.60	0.70	0.60	0.50	0.60	1.00	0.60	0.50	0.80	1.00	1.30	0.30	0.70
29	0.70	1.10	0.90	1.10	1.30	1.00	1.00	1.50	0.70	1.10	0.80	0.50	0.70	0.80	0.70	0.30	0.60	0.30	0.50	0.70	0.50	0.60	0.40	0.30	1.50	0.30	0.75
30	1.00	0.60	0.50	0.70	0.60	0.60	0.70	0.60	0.20	0.60	0.10	0.00	0.00	0.20	0.10	0.20	0.10	0.30	0.10	0.30	0.20	0.20	0.10	0.10	1.00	0.00	0.34
31	0.10	0.00	0.40	0.20	0.30	0.00	0.00	0.10	0.30	0.20	-0.10	-0.10	0.00	0.00	0.10	0.30	0.30	0.20	0.40	0.30	0.40	0.80	0.50	0.70	0.80	-0.10	0.23
Max	3.70	2.80	2.20	1.90	1.90	1.40	2.20	1.50	1.50	2.00	1.30	1.50	1.00	1.20	1.30	1.10	1.20	1.20	1.10	1.90	1.30	1.30	1.80	3.40	3.70		
Min	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.10	-0.10	-0.10	-0.20	-0.10	-0.20	-0.20	-0.10	-0.10	-0.10		-0.20	
Avg.	0.47	0.41	0.43	0.45	0.46	0.41	0.47	0.48	0.38	0.41	0.35	0.32	0.29	0.32	0.35	0.35	0.40	0.34	0.35	0.42	0.41	0.42	0.46	0.48			0.40
																									Max Daily Mean		0.93
																									Min Daily Mean		-0.10

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.80	0.60	0.70	1.20	1.20	0.80	0.90	0.50	1.00	0.30	0.50	0.10	0.10	1.40	0.80	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	1.40	0.10	0.50
2	0.30	0.40	0.30	0.30	0.30	0.30	0.30	0.40	0.20	0.20	0.20	0.20	0.10	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.40	0.00	0.17
3	0.20	0.40	0.20	0.10	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	0.10	0.10	0.00	0.10	0.20	0.40	-0.20	-0.01
4	0.20	0.20	0.20	0.30	0.40	0.50	0.60	0.50	0.40	0.30	0.50	0.70	0.20	0.30	1.90	1.50	3.00	1.40	0.70	0.90	0.90	0.10	0.20	0.30	3.00	0.10	0.68
5	0.10	0.30	0.20	0.30	0.30	0.20	0.20	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.40	0.30	0.30	0.40	0.10	0.18
6	0.50	0.40	0.50	0.60	0.70	0.30	0.40	0.90	1.10	0.60	0.60	0.40	0.40	0.20	0.20	0.30	0.60	0.70	0.40	0.30	0.60	0.30	0.50	0.60	1.10	0.20	0.50
7	0.90	0.80	0.70	0.30	0.40	0.20	0.10	0.20	0.20	0.10	0.10	0.10	0.20	0.20	0.20	0.10	0.10	0.20	0.10	0.10	0.00	0.10	0.10	0.10	0.90	0.00	0.23
8	0.10	0.20	0.20	0.10	0.10	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.00	0.10
9	0.10	0.10	0.00	0.10	0.10	0.30	0.20	0.30	0.30	0.20	0.50	0.50	0.20	0.40	0.40	0.20	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.00	0.50	0.00	0.20
10	0.10	0.10	0.10	0.10	0.10	0.20	0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.30	0.40	0.20	0.10	0.10	0.20	0.20	0.20	0.40	0.40	0.00	0.14
11	0.30	0.60	0.70	0.60	1.00	1.00	0.10	0.10	0.20	0.20	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.10	0.20	0.10	0.20	0.20	0.10	1.00	0.00	0.27
12	0.10	0.10	0.30	0.20	0.60	0.60	0.30	0.40	0.30	0.70	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.30	0.70	0.50	0.80	1.10	1.10	0.00	0.31
13	0.70	1.10	1.40	1.70	1.60	1.50	1.00	1.00	0.90	0.90	1.80	1.10	0.90	0.40	0.50	0.30	0.20	0.10	0.20	0.20	0.20	0.30	0.40	0.30	1.80	0.10	0.78
14	0.30	0.20	0.20	0.20	0.20	0.30	0.40	0.40	0.20	0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.10	-0.10	0.10	0.30	0.30	0.40	0.70	0.70	1.00	1.00	-0.20	0.22
15	0.70	1.00	1.20	0.20	1.00	1.30	0.60	0.90	0.40	0.30	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.20	0.20	0.10	0.10	0.10	0.10	0.10	1.30	0.00	0.37
16	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.30	0.60	0.50	0.50	0.50	0.40	0.50	0.30	0.80	1.60	1.30	1.00	1.00	0.80	0.70	1.40	1.60	0.30	0.62
17	1.10	1.20	1.20	1.10	1.10	1.20	1.40	1.40	1.30	1.10	0.90	0.50	0.60	0.70	0.70	0.60	0.50	0.60	0.60	0.80	1.10	0.90	0.90	0.60	1.40	0.50	0.92
18	0.80	0.80	0.60	0.70	1.20	0.90	0.80	0.80	1.00	0.80	1.10	1.00	1.40	1.80	1.00	0.30	0.30	0.20	0.50	0.40	1.00	1.50	1.70	2.00	2.00	0.20	0.94
19	1.80	1.90	1.10	1.10	0.70	0.30	0.50	0.90	0.80	1.00	0.80	1.80	2.00	1.40	0.50	0.30	0.20	0.10	0.20	0.10	0.00	0.10	0.10	0.10	2.00	0.00	0.74
20	0.10	0.10	0.20	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.40	0.40	0.00	0.10
21	0.30	0.30	0.30	0.40	0.40	0.20	0.10	0.20	0.20	0.20	-0.10	-0.10	0.00	-0.10	-0.10	0.00	-0.10	0.10	0.20	0.20	0.20	0.20	0.10	0.10	0.40	-0.10	0.13
22	0.20	0.10	0.00	0.20	0.20	0.10	0.20	0.20	0.10	0.20	-0.10	-0.10	0.00	-0.10	-0.20	-0.10	0.00	0.00	0.10	0.30	0.20	0.10	0.00	0.40	0.40	-0.20	0.08
23	0.30	0.40	0.30	0.10	0.30	0.10	0.10	0.10	0.20	0.30	0.30	0.10	-0.10	-0.10	-0.20	-0.10	-0.10	0.00	0.20	0.10	0.10	0.10	0.20	0.30	0.40	-0.20	0.13
24	0.20	0.50	0.40	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.00	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.00	0.00	0.00	0.50	-0.20	0.04
25	0.00	0.10	0.10	0.00	0.00	0.10	0.10	0.00	0.10	0.00	0.00	-0.10	0.00	-0.10	-0.10	0.00	0.10	0.10	0.30	0.30	0.20	0.00	0.10	0.00	0.30	-0.10	0.05
26	0.00	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.00	-0.10	0.00	0.00	-0.10	0.50	0.40	0.70	1.20	1.50	1.20	1.00	0.40	0.90	0.90	0.30	1.50	-0.10	0.38
27	0.50	0.60	0.50	0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.40	-0.20	-0.10	-0.10	0.10	0.00	-0.10	0.00	0.00	0.00	0.60	-0.40	0.02
28	0.00	0.00	-0.10	-0.10	-0.10	-0.10	0.10	0.00	0.00	-0.10	0.00	-0.10	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.30	0.30	0.30	-0.10	0.03
29	0.30	0.30	0.10	0.00	-0.10	0.00	0.20	0.20	0.10	0.00	-0.30	-0.30	-0.20	-0.10	-0.20	0.00	0.20	0.20	0.50	0.40	0.70	0.30	0.30	0.40	0.70	-0.30	0.13
Max	1.80	1.90	1.40	1.70	1.60	1.50	1.40	1.40	1.30	1.10	1.80	1.80	2.00	1.80	1.90	1.50	3.00	1.60	1.30	1.00	1.10	1.50	1.70	2.00	3.00		
Min	0.00	0.00	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.10	-0.10	-0.30	-0.30	-0.20	-0.20	-0.40	-0.20	-0.20	-0.10	-0.10	-0.10	-0.10	0.00	0.00	0.00		-0.40	
Avg.	0.39	0.45	0.41	0.37	0.42	0.39	0.33	0.36	0.33	0.28	0.26	0.21	0.21	0.24	0.20	0.16	0.27	0.27	0.27	0.27	0.31	0.30	0.33	0.39			0.31
																									Max Daily Mean		0.94
																									Min Daily Mean		-0.01

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.30	0.30	0.20	0.30	0.40	0.70	0.70	0.40	0.20	0.00	0.00	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	0.20	0.50	0.70	-0.10	0.20
2	0.60	0.70	0.40	0.20	0.20	0.40	0.40	0.40	0.60	0.60	0.50	0.10	0.00	-0.10	-0.20	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.20	0.70	-0.20	0.23
3	0.20	0.10	0.10	0.20	0.60	0.70	0.20	0.10	0.10	0.00	-0.20	-0.30	-0.20	-0.10	-0.10	-0.10	-0.10	0.00	0.30	0.20	0.10	0.10	0.10	0.10	0.70	-0.30	0.09
4	0.00	0.10	0.10	0.10	0.30	0.20	0.10	0.20	0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.20	0.20	0.20	0.20	0.20	0.30	0.30	-0.20	0.05
5	0.50	0.50	0.70	0.70	0.40	0.70	0.70	0.90	0.70	0.70	0.70	1.00	1.20	0.00	-0.10	-0.10	-0.10	0.00	0.00	0.10	0.10	0.10	0.00	0.00	1.20	-0.10	0.39
6	-0.10	0.00	0.00	0.10	0.10	0.10	0.20	0.50	0.70	0.40	-0.10	-0.30	-0.20	0.00	0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.70	-0.30	0.08
7	0.00	0.00	0.00	0.00	0.10	0.50	0.30	0.50	0.70	0.20	0.10	-0.10	0.00	0.00	0.00	0.00	0.40	0.30	0.60	1.50	1.40	1.90	2.90	3.30	3.30	-0.10	0.61
8	3.20	3.00	3.20	1.70	2.20	2.40	2.40	2.30	1.80	2.00	2.30	0.70	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.00	3.20	0.00	1.15
9	0.00	0.00	0.00	0.00	0.10	0.10	0.20	0.30	0.10	0.00	-0.10	-0.20	-0.30	-0.20	-0.30	-0.20	-0.10	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.30	-0.30	-0.01
10	0.00	-0.10	0.00	0.10	0.00	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.20	-0.20	-0.30	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.10	0.30	0.20	0.20	0.30	-0.30	-0.03
11	0.20	0.10	0.20	0.10	0.10	0.10	0.20	0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.10	0.00	0.10	0.20	-0.20	0.01
12	0.00	0.00	0.10	0.00	0.00	0.00	0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.30	-0.10	-0.10	0.00	0.10	0.10	0.00	0.10	0.10	0.20	0.20	0.20	0.20	-0.30	0.01
13	0.30	0.30	0.60	1.00	0.50	0.50	0.50	0.40	0.30	0.10	-0.10	-0.10	-0.10	-0.10	0.00	0.10	0.10	0.10	0.10	0.10	0.00	0.10	0.10	0.10	1.00	-0.10	0.20
14	0.10	0.10	0.20	0.30	0.50	0.70	0.30	0.30	0.20	0.10	0.00	0.00	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.70	-0.20	0.12
15	0.10	0.30	0.70	1.20	0.50	0.50	0.90	1.40	0.90	0.70	0.10	-0.20	-0.10	-0.10	-0.10	0.00	0.10	0.20	0.20	0.20	0.20	0.20	0.30	0.30	1.40	-0.20	0.35
16	0.40	0.40	0.50	1.60	1.10	0.40	0.20	0.20	0.10	0.00	-0.20	-0.30	-0.40	-0.40	-0.20	-0.10	0.10	0.30	0.20	0.20	0.30	0.20	0.20	0.60	1.60	-0.40	0.23
17	0.50	0.70	0.70	0.50	0.40	0.80	0.60	0.20	0.30	0.00	0.00	-0.20	-0.20	-0.20	-0.10	-0.10	-0.20	-0.20	0.00	0.30	0.20	0.10	0.10	0.10	0.80	-0.20	0.18
18	0.20	0.20	0.20	0.10	0.10	0.10	0.00	0.00	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	-0.20	-0.20	0.10	0.30	0.20	0.20	0.20	0.20	0.30	-0.20	0.03
19	0.20	0.30	0.30	0.20	0.20	0.20	0.10	0.20	0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.10	0.10	0.20	0.20	0.20	0.30	0.10	0.30	-0.20	0.08
20	0.00	0.20	0.20	0.30	0.20	0.00	0.00	0.00	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.00	0.00	0.30	-0.20	-0.04
21	0.00	0.00	0.00	0.00	0.20	0.10	0.20	0.20	-0.10	-0.30	-0.30	-0.20	-0.30	-0.20	-0.20	-0.20	0.00	0.00	0.10	0.20	0.20	0.50	0.60	0.60	0.60	-0.30	0.05
22	0.40	0.60	0.60	0.40	0.80	0.80	0.70	0.40	0.20	0.30	0.00	-0.10	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.10	0.20	0.20	0.40	0.40	0.50	0.80	-0.20	0.25
23	0.50	0.70	0.60	0.70	0.80	0.60	1.50	0.30	0.70	0.10	-0.20	-0.20	-0.20	-0.20	-0.10	-0.20	0.00	0.10	0.20	0.20	0.10	0.30	0.40	0.10	1.50	-0.20	0.28
24	0.20	0.70	0.70	0.60	0.10	0.30	0.30	0.20	0.30	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.10	0.70	-0.20	0.07
25	0.10	0.00	0.00	0.10	0.00	0.10	0.10	0.20	0.00	-0.10	-0.10	-0.30	-0.30	-0.30	-0.20	-0.10	-0.10	-0.10	0.00	0.10	0.10	0.10	0.10	0.30	0.30	-0.30	-0.01
26	0.20	0.20	0.20	0.30	0.60	0.70	0.80	0.50	0.70	0.00	-0.20	-0.30	-0.30	-0.20	-0.20	-0.10	-0.10	-0.10	0.00	0.10	0.50	0.60	1.10	1.10	1.10	-0.30	0.25
27	0.90	0.70	0.40	0.80	0.90	0.90	0.80	0.40	0.40	0.10	-0.10	0.00	-0.30	-0.20	-0.10	-0.10	0.10	0.30	0.20	0.20	0.20	0.20	0.20	0.20	0.90	-0.30	0.30
28	0.20	0.30	0.20	0.20	0.10	0.10	0.10	0.00	-0.10	-0.30	-0.30	-0.30	-0.20	-0.20	0.00	0.00	0.10	0.30	0.30	0.30	0.30	0.20	0.20	0.40	0.40	-0.30	0.08
29	0.30	0.70	0.80	0.70	1.00	1.10	1.10	0.60	-0.10	0.30	-0.10	-0.20	-0.30	-0.20	-0.20	0.00	0.10	0.00	0.10	0.20	0.10	0.00	0.00	0.00	1.10	-0.30	0.25
30	0.10	0.20	0.40	0.50	0.20	0.20	0.30	0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.20	-0.20	-0.10	-0.10	0.00	0.20	0.10	0.10	0.30	0.20	0.50	-0.30	0.03
31	0.20	0.00	0.10	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.10	0.10	0.00	0.10	0.10	0.20	-0.20	-0.04
Max	3.20	3.00	3.20	1.70	2.20	2.40	2.40	2.30	1.80	2.00	2.30	1.00	1.20	0.00	0.10	0.10	0.40	0.30	0.60	1.50	1.40	1.90	2.90	3.30	3.30		
Min	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.30	-0.30	-0.30	-0.40	-0.40	-0.30	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.00	0.00		-0.40	
Avg.	0.32	0.36	0.40	0.42	0.41	0.45	0.45	0.36	0.27	0.13	0.00	-0.11	-0.14	-0.15	-0.12	-0.09	-0.04	0.00	0.09	0.17	0.18	0.22	0.28	0.33			0.18
																									Max Daily Mean		1.15
																									Min Daily Mean		-0.04

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.30	-0.10	-0.20	-0.30	-0.20	-0.30	-0.20	-0.10	0.00	0.20	0.20	0.30	0.30	0.30	-0.30	-0.05
2	0.10	0.00	0.00	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.30	-0.40	-0.40	-0.40	-0.50	-0.40	-0.30	-0.20	-0.10	-0.10	0.20	0.10	0.10	0.00	0.20	0.20	-0.50	-0.10
3	0.10	0.20	0.00	0.00	0.00	0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.10	-0.20	-0.20	-0.10	-0.10	-0.20	-0.20	-0.10	0.20	0.10	0.10	0.10	0.10	0.20	-0.20	-0.03
4	0.40	0.30	0.30	0.40	0.50	0.50	1.00	0.60	0.10	-0.20	-0.30	-0.40	-0.40	-0.40	-0.30	-0.20	-0.10	-0.10	0.00	0.10	0.10	0.20	0.30	0.50	1.00	-0.40	0.12
5	0.80	1.20	1.50	1.50	1.60	0.80	0.80	0.40	0.20	0.30	-0.30	-0.30	-0.10	-0.20	-0.10	0.00	-0.10	0.00	0.00	0.10	0.40	0.30	0.20	0.20	1.60	-0.30	0.38
6	0.20	0.30	0.30	0.70	0.40	0.50	0.20	0.20	0.10	-0.20	-0.30	-0.20	-0.30	-0.20	-0.20	-0.10	-0.30	-0.20	-0.10	0.00	0.20	0.20	0.20	0.20	0.70	-0.30	0.07
7	0.10	0.20	0.10	0.10	0.10	0.20	0.10	0.00	-0.20	-0.20	-0.40	-0.30	-0.40	-0.30	-0.10	-0.20	-0.10	-0.10	-0.10	0.10	0.10	0.00	0.00	0.00	0.20	-0.40	-0.05
8	0.10	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.10	-0.20	-0.30	-0.40	-0.40	-0.20	0.00	0.30	0.30	0.20	0.20	0.10	0.20	0.30	-0.40	-0.06
9	0.30	0.20	0.20	0.50	0.60	0.80	0.50	0.10	-0.20	-0.40	-0.50	-0.60	-0.60	-0.40	-0.30	-0.20	-0.20	-0.10	0.10	0.40	0.30	0.60	0.50	0.40	0.80	-0.60	0.08
10	0.40	0.50	0.20	0.30	0.30	0.30	0.10	0.10	0.40	0.10	-0.30	-0.30	-0.30	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	0.30	0.50	0.40	0.40	0.40	0.50	-0.30	0.13
11	0.50	0.50	0.70	0.60	0.40	0.80	0.30	-0.20	-0.30	-0.30	-0.40	-0.30	-0.20	-0.20	-0.20	-0.10	0.00	0.20	0.30	0.40	0.30	0.30	0.30	0.40	0.80	-0.40	0.16
12	0.30	0.40	0.30	0.70	0.60	1.00	0.40	0.00	-0.20	-0.30	-0.40	-0.40	-0.20	-0.20	-0.10	-0.10	0.00	0.20	0.30	0.30	0.30	0.20	0.10	0.10	1.00	-0.40	0.14
13	0.40	0.50	0.50	0.40	0.30	0.30	0.00	-0.40	-0.30	-0.30	-0.30	-0.30	-0.20	-0.10	0.00	0.10	0.10	0.10	0.20	0.20	0.10	0.10	0.10	0.00	0.50	-0.40	0.06
14	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.30	-0.20	-0.30	-0.30	0.00	0.00	0.00	-0.10	0.10	0.30	0.20	0.20	0.10	0.10	0.10	0.30	-0.30	-0.02
15	0.10	0.10	0.10	0.20	0.20	0.20	0.00	-0.30	-0.40	-0.50	-0.50	-0.30	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	0.00	0.10	0.20	0.30	0.40	0.30	0.40	-0.50	-0.03
16	0.20	0.60	0.10	0.50	0.30	0.30	0.00	-0.10	-0.40	-0.30	-0.40	-0.40	-0.30	-0.30	-0.30	-0.10	-0.10	0.10	0.30	0.40	0.60	0.50	0.20	0.20	0.60	-0.40	0.07
17	0.30	0.40	0.50	0.80	0.70	0.70	0.70	0.80	-0.20	-0.60	-0.80	-0.60	-0.50	-0.40	-0.50	-0.20	-0.20	-0.20	0.10	0.20	0.30	0.40	0.10	0.50	0.80	-0.80	0.10
18	0.50	0.60	0.80	0.50	0.50	0.70	0.30	0.10	-0.10	-0.30	-0.80	-0.80	-0.30	-0.40	-0.10	-0.10	-0.10	-0.10	-0.20	0.00	0.10	0.20	0.20	0.20	0.80	-0.80	0.06
19	0.20	0.20	0.50	0.70	0.60	0.50	0.00	-0.40	-0.70	-0.80	-0.80	-0.60	-0.30	-0.50	-0.40	-0.10	-0.10	0.10	0.20	0.30	0.50	0.40	0.30	0.30	0.70	-0.80	0.00
20	0.40	0.40	0.80	0.40	0.40	0.60	0.00	-0.30	-0.80	-0.90	-0.70	-0.50	-0.40	-0.30	-0.20	-0.30	-0.40	-0.50	-0.40	0.00	0.10	0.20	0.10	0.00	0.80	-0.90	-0.10
21	0.10	0.10	0.10	0.30	0.20	0.10	0.00	-0.20	-0.70	-0.50	-0.40	-0.10	-0.50	-0.80	-0.50	-0.40	-0.30	-0.30	-0.20	-0.20	0.00	0.10	0.00	0.10	0.30	-0.80	-0.17
22	0.10	0.10	0.00	0.20	0.10	0.20	0.10	-0.40	-0.60	-1.00	-1.50	-0.70	-0.50	-0.40	-0.60	-0.50	-0.50	-0.20	0.00	0.20	0.10	0.20	0.20	0.10	0.20	-1.50	-0.22
23	0.10	0.20	0.20	0.10	0.10	0.10	0.20	0.00	-0.10	-0.30	-0.30	-0.60	-0.80	-0.70	-0.50	-0.80	-0.80	-0.50	0.00	0.00	0.20	0.10	0.20	0.50	0.50	-0.80	-0.14
24	0.80	0.60	0.90	0.80	0.30	0.20	-0.30	-0.70	-1.10	-1.20	-1.20	-0.80	-0.60	-1.00	-1.10	0.00	-0.10	0.00	0.20	0.20	0.30	0.30	0.40	0.30	0.90	-1.20	-0.12
25	0.10	0.30	0.50	0.50	0.60	0.40	0.00	-0.30	-1.00	-1.30	-1.40	-1.10	-0.60	-0.60	-0.60	-0.50	-0.50	-0.10	0.10	0.20	0.30	0.60	0.30	0.20	0.60	-1.40	-0.16
26	0.50	0.40	0.60	0.40	0.40	0.30	-0.40	-0.60	-0.90	-1.10	-0.80	-0.80	-0.90	-0.80	-0.60	-0.40	-0.40	-0.30	0.00	0.20	0.20	0.30	0.20	0.20	0.60	-1.10	-0.18
27	0.20	0.50	1.00	1.40	0.50	0.60	-0.20	-0.50	-1.10	-1.40	-1.10	-1.10	-0.70	-0.70	-0.80	-0.60	-0.40	-0.40	-0.30	-0.20	-0.10	0.00	0.00	0.10	1.40	-1.40	-0.22
28	0.10	0.10	0.20	0.20	0.10	0.10	-0.10	-0.40	-0.50	-0.60	-0.80	-0.80	-0.50	-0.80	-0.70	-0.70	-0.60	-0.40	0.00	0.00	0.30	0.20	0.20	0.20	0.30	-0.80	-0.22
29	0.20	0.30	0.10	0.30	0.50	0.20	-0.10	-0.40	-0.50	-1.00	-0.90	-1.00	-0.70	-0.60	-0.50	-0.60	-0.40	-0.20	-0.30	-0.20	-0.10	-0.10	0.00	0.00	0.50	-1.00	-0.25
30	0.00	0.00	0.00	0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.40	-0.50	-0.50	-0.50	-0.50	-0.50	-0.40	-0.30	-0.30	-0.30	-0.10	0.00	0.10	0.10	0.20	0.20	-0.50	-0.20
Max	0.80	1.20	1.50	1.50	1.60	1.00	1.00	0.80	0.40	0.30	-0.10	-0.10	-0.10	0.00	0.00	0.10	0.10	0.20	0.30	0.40	0.60	0.60	0.50	0.50	1.60		
Min	0.00	-0.10	0.00	0.00	-0.10	-0.10	-0.40	-0.70	-1.10	-1.40	-1.50	-1.10	-0.90	-1.00	-1.10	-0.80	-0.80	-0.50	-0.40	-0.20	-0.10	-0.10	0.00	0.00		-1.50	
Avg.	0.25	0.30	0.35	0.42	0.34	0.35	0.11	-0.12	-0.35	-0.49	-0.58	-0.50	-0.41	-0.41	-0.36	-0.26	-0.24	-0.13	0.00	0.13	0.20	0.23	0.19	0.22			-0.03
																									Max Daily Mean		0.38
																									Min Daily Mean		-0.25

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.20	0.20	0.20	0.20	0.00	-0.10	-0.20	Audit	Audit	-0.40	-0.50	-0.60	-0.60	-0.60	-0.60	-0.50	-0.50	-0.40	-0.40	-0.20	-0.20	-0.20	-0.10	-0.10	0.20	-0.60	-0.25
2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.50	-0.80	-0.80	-0.70	-1.20	-0.90	-0.80	-0.80	-0.80	-0.70	-0.40	-0.30	-0.30	-0.10	0.10	0.10	0.20	0.20	-1.20	-0.40
3	0.10	0.40	0.40	0.60	1.00	0.50	-0.20	-0.40	-0.70	-1.10	-1.00	-0.60	-0.50	-0.40	-0.50	-0.40	-0.40	-0.40	-0.20	0.00	0.00	0.20	0.20	0.10	1.00	-1.10	-0.14
4	0.20	0.30	0.40	0.10	0.30	0.10	-0.30	-0.70	-0.40	-0.40	-0.60	-0.70	-0.60	-0.70	-0.70	-0.60	-0.40	-0.30	-0.30	0.00	0.00	0.40	0.10	0.20	0.40	-0.70	-0.19
5	0.20	0.20	0.30	0.30	0.30	0.40	0.00	-0.40	-0.70	-1.10	-1.10	-0.90	-0.50	-0.60	-0.70	-0.50	-0.50	-0.10	-0.10	-0.10	0.10	0.20	0.20	0.10	0.40	-1.10	-0.21
6	0.30	0.30	0.20	0.30	0.20	0.00	-0.30	-0.50	-0.60	-0.50	-0.80	-0.90	-0.70	-0.60	-0.50	-0.50	-0.40	-0.30	-0.20	-0.20	0.00	0.10	0.10	0.20	0.30	-0.90	-0.22
7	0.20	0.20	0.20	0.20	0.30	0.40	-0.40	-0.70	-1.00	-0.70	-1.20	-0.80	-0.60	-1.30	-0.10	-0.60	-0.40	-0.50	-0.10	-0.10	0.00	0.20	0.30	0.30	0.40	-1.30	-0.26
8	0.30	0.20	0.40	0.40	0.40	-0.20	-0.80	-1.00	-0.90	-1.00	-0.90	-1.00	-1.10	-1.20	-1.50	-1.10	-0.80	-0.70	-0.40	-0.20	0.00	0.00	0.20	0.20	0.40	-1.50	-0.45
9	0.30	0.20	0.20	0.20	0.10	-0.10	-0.30	-0.50	-0.40	-0.60	-0.60	-0.60	-0.60	-0.80	-0.60	-0.70	-0.60	-0.30	-0.30	-0.30	-0.20	0.10	0.10	0.20	0.30	-0.80	-0.25
10	0.10	0.30	0.20	0.30	0.50	0.20	0.00	-0.30	-0.50	-0.60	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.30	-0.20	-0.20	-0.20	-0.10	0.00	0.10	0.10	0.50	-0.60	-0.15
11	0.10	0.20	0.30	0.20	0.20	0.00	-0.10	-0.20	-0.20	-0.40	-0.60	-0.50	-0.90	-1.00	-1.00	-1.00	-0.90	-0.70	-0.30	-0.20	0.00	0.20	0.20	0.30	0.30	-1.00	-0.26
12	0.30	0.80	0.30	0.30	0.70	0.70	0.00	-0.50	-1.00	-0.80	-0.60	-0.80	-1.10	-0.90	-0.60	-0.40	-0.50	-0.30	-0.20	-0.10	-0.10	0.10	0.10	0.10	0.80	-1.10	-0.19
13	0.10	0.00	0.20	0.10	0.00	-0.20	-0.20	-0.50	-0.60	-0.80	-1.00	-1.10	-1.00	-0.80	-1.10	-1.00	-0.90	-0.70	-0.70	-0.50	0.00	0.20	0.30	0.20	0.30	-1.10	-0.42
14	0.20	0.30	0.50	0.60	0.50	-0.10	-0.80	-1.00	-1.40	-0.50	-0.70	-0.50	-0.70	-0.50	-0.50	-0.80	-0.50	-0.60	-0.60	-0.30	-0.20	0.00	0.10	0.20	0.60	-1.40	-0.30
15	0.20	0.10	0.00	0.00	-0.10	-0.20	-0.30	-0.30	-0.50	-0.50	-0.50	-0.50	-0.60	-0.70	-0.60	-0.80	-0.90	-0.70	-0.60	-0.50	-0.10	0.10	0.20	0.20	0.20	-0.90	-0.32
16	0.20	0.20	0.10	0.30	0.30	-0.20	-0.60	-0.80	-1.00	-0.80	-0.90	-0.40	-0.80	-0.80	-1.00	-0.60	-1.10	-0.40	-0.40	-0.30	0.00	0.10	0.30	0.50	0.50	-1.10	-0.34
17	0.50	0.80	1.00	0.70	0.80	-0.30	-0.80	-1.00	-1.10	-1.40	-1.40	-1.40	-1.10	-0.60	-0.70	-0.70	-0.40	-0.40	-0.10	-0.10	0.20	0.20	0.40	0.30	1.00	-1.40	-0.28
18	0.50	1.00	1.30	0.70	1.00	1.10	-0.50	-0.40	-1.30	-1.70	-0.80	-0.50	-0.60	-1.20	-0.60	-0.60	-0.90	-0.90	-0.20	-0.30	-0.10	0.10	0.50	0.20	1.30	-1.70	-0.18
19	0.60	0.80	0.80	0.70	0.80	-0.20	-0.50	-0.70	-1.00	-0.60	-0.80	-0.80	-0.90	-1.10	-0.90	-0.40	-0.50	-1.10	-0.50	-0.20	0.20	0.20	0.10	0.20	0.80	-1.10	-0.24
20	0.20	0.30	0.20	0.20	0.20	-0.30	-0.70	-0.40	-0.60	-0.60	-0.70	-0.90	-0.90	-0.90	-0.60	-0.30	-0.50	-0.50	-0.30	-0.20	0.00	0.40	0.40	0.50	0.50	-0.90	-0.25
21	0.70	0.50	0.40	0.60	0.40	-0.40	-0.90	-1.20	-1.30	-1.10	-0.90	-0.60	-0.50	-0.50	-0.20	-0.40	-0.30	-0.20	-0.30	-0.10	0.00	0.40	0.70	0.80	0.80	-1.30	-0.18
22	0.70	0.80	0.60	0.50	0.20	-0.30	-0.50	-0.60	-0.90	-1.10	-1.00	-0.40	-0.40	-0.50	-0.50	-0.40	-0.50	-0.40	-0.30	-0.10	0.00	0.10	0.40	0.20	0.80	-1.10	-0.18
23	0.10	0.10	0.40	0.30	0.10	-0.10	-0.30	-0.20	-0.20	-0.20	-0.30	-0.50	-0.50	-0.70	-0.40	-0.30	-0.70	-0.50	-0.60	-0.30	-0.10	0.00	0.10	0.10	0.40	-0.70	-0.20
24	0.20	0.20	0.10	0.20	0.20	0.20	0.10	-0.30	-0.30	-0.40	-0.50	-0.60	-0.50	-0.90	-0.90	-0.60	-0.70	-0.50	-0.40	-0.20	0.40	0.10	0.00	0.00	0.40	-0.90	-0.21
25	0.40	0.00	0.00	0.00	0.00	-0.10	-0.20	0.00	-0.10	-0.20	-0.30	-0.30	-0.30	-0.40	-0.60	-0.40	-0.60	-0.50	-0.40	0.10	0.20	0.20	0.10	0.20	0.40	-0.60	-0.13
26	0.30	0.30	0.30	0.50	0.10	-0.30	-0.50	-0.80	-1.10	-1.10	-0.70	-0.80	-1.00	-0.70	-0.10	-0.10	-0.20	0.10	-0.10	-0.10	-0.10	0.00	0.10	0.10	0.50	-1.10	-0.25
27	0.00	-0.10	-0.10	-0.10	0.00	-0.10	-0.20	-0.30	-0.30	-0.40	-0.50	-0.70	-0.60	-0.40	-0.30	-0.30	-0.20	-0.20	-0.10	0.00	0.10	0.10	0.10	0.10	0.10	-0.70	-0.19
28	0.00	0.00	0.00	0.00	0.10	-0.10	-0.20	-0.60	-0.40	-0.90	-0.80	-0.50	-0.50	-0.30	-0.80	-0.20	-0.50	-0.40	0.00	0.20	0.00	0.30	0.50	0.50	0.50	-0.90	-0.19
29	0.20	0.40	0.30	0.40	0.30	-0.20	-0.30	-0.40	-0.30	-0.40	-0.40	-0.20	-0.30	-0.70	-0.80	-0.90	-0.60	-0.30	-0.40	-0.40	-0.20	0.10	0.20	0.20	0.40	-0.90	-0.20
30	0.50	0.90	0.50	0.30	-0.10	-0.20	-0.80	-0.90	-1.20	-0.70	-0.70	-0.70	-0.40	-0.60	-0.90	-0.70	-0.50	-0.50	-0.20	-0.20	-0.20	0.00	0.20	0.20	0.90	-1.20	-0.29
31	0.20	0.30	0.60	0.40	0.10	0.10	-0.70	-0.80	-1.20	-0.60	-0.80	-0.60	-0.80	-0.60	-0.50	-0.40	-0.20	-0.30	-0.10	-0.20	-0.10	0.00	0.00	0.10	0.60	-1.20	-0.25
Max	0.70	1.00	1.30	0.70	1.00	1.10	0.10	0.00	-0.10	-0.20	-0.30	-0.20	-0.30	-0.30	-0.10	-0.10	-0.20	0.10	0.00	0.20	0.40	0.40	0.70	0.80	1.30		
Min	-0.10	-0.10	-0.10	-0.10	-0.10	-0.40	-0.90	-1.20	-1.40	-1.70	-1.40	-1.40	-1.10	-1.30	-1.50	-1.10	-1.10	-1.10	-0.70	-0.50	-0.20	-0.20	-0.10	-0.10		-1.70	
Avg.	0.26	0.33	0.33	0.30	0.28	-0.01	-0.38	-0.56	-0.73	-0.72	-0.74	-0.68	-0.68	-0.72	-0.65	-0.56	-0.55	-0.44	-0.30	-0.18	-0.02	0.13	0.20	0.22			-0.24
																									Max Daily Mean		-0.13
																									Min Daily Mean		-0.45

Total Hours in month: **744** **Hours Data Available:** **742** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.10	0.10	0.10	0.00	-0.10	-0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.50	-0.50	-0.60	-0.80	-0.80	-0.50	-0.20	-0.20	0.00	0.10	0.10	0.10	0.10	-0.80	-0.22
2	0.10	0.10	0.30	0.00	-0.20	-0.30	-0.40	-0.70	-0.70	-0.40	-0.30	-0.40	-0.60	-0.60	-0.50	-0.60	-0.40	-0.30	-0.40	-0.40	-0.20	0.00	0.10	0.20	0.30	-0.70	-0.28
3	0.20	0.20	0.30	0.20	0.30	0.10	-0.20	-0.40	-0.60	-0.60	-0.70	-0.80	-0.60	-0.10	-0.30	-0.50	-0.70	-0.60	-0.20	0.10	0.00	0.10	0.10	-0.10	0.30	-0.80	-0.20
4	0.20	0.10	0.00	-0.10	-0.20	-0.20	-0.30	-0.40	-0.40	-0.50	0.20	0.70	-0.20	-0.50	-0.40	-0.30	-0.40	-0.60	0.00	0.50	0.70	0.30	0.40	0.60	0.70	-0.60	-0.03
5	0.60	0.70	0.90	0.50	0.20	-0.20	-0.70	-0.80	-0.90	-0.60	-0.50	-0.50	-0.50	-0.40	-0.60	-0.60	-0.40	-0.30	-0.40	0.20	0.40	0.50	0.80	0.70	0.90	-0.90	-0.08
6	0.50	0.50	0.40	0.30	0.30	0.20	-0.10	-0.30	-0.20	-0.30	-0.20	-0.20	-0.40	-0.60	-0.50	-0.30	-0.50	-0.20	-0.40	-0.20	-0.10	0.30	0.30	0.50	0.50	-0.60	-0.05
7	0.60	0.40	0.40	1.30	-0.10	0.20	-0.60	-0.50	-0.90	-0.80	-1.10	-1.30	-1.10	-0.60	-0.60	-0.70	0.10	-0.20	-0.30	0.00	0.20	0.30	0.40	0.40	1.30	-1.30	-0.19
8	0.10	0.30	0.20	0.30	0.00	-0.10	-0.10	-0.10	-0.10	-0.50	-0.50	-0.70	-0.80	-0.70	-0.30	0.10	0.20	-0.10	0.10	0.10	0.10	0.10	0.50	0.60	0.60	-0.80	-0.05
9	0.60	0.50	0.20	0.10	-0.10	-0.30	-0.50	-0.50	-0.60	-0.60	-0.70	-0.70	-0.50	-0.80	-0.70	-0.40	-0.40	-0.40	-0.30	-0.40	-0.40	0.00	0.10	0.20	0.60	-0.80	-0.28
10	0.20	0.20	0.10	0.20	-0.10	0.00	-0.20	-0.50	-0.60	-0.70	-0.60	-0.60	-0.50	-0.50	-0.30	-0.90	-0.50	-0.20	-0.20	-0.40	0.10	0.20	0.20	0.20	0.20	-0.90	-0.23
11	0.50	0.40	0.20	0.10	-0.10	-0.20	-0.30	-0.50	-0.30	-0.60	-0.60	-0.80	-1.00	-1.40	-1.20	-1.20	-1.10	-0.70	-0.40	-0.10	0.10	0.40	0.40	0.60	0.60	-1.40	-0.33
12	0.40	0.20	0.30	0.40	0.00	-0.10	-0.20	-0.20	-0.20	-0.40	-0.70	-0.70	-0.50	-0.50	-0.40	-0.10	-0.30	-0.10	-0.10	-0.10	0.00	0.00	0.00	-0.10	0.40	-0.70	-0.14
13	0.00	0.00	0.00	-0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.30	-0.50	-0.50	-0.40	-0.50	-0.50	-0.40	-0.30	-0.20	-0.10	0.00	-0.10	-0.10	0.00	0.00	-0.50	-0.23
14	0.00	0.10	0.00	-0.10	-0.20	-0.20	-0.40	-0.30	-0.30	-0.30	0.10	-0.30	-0.60	-0.30	-0.50	-0.40	-0.60	-0.60	-0.40	-0.20	0.00	0.10	0.10	0.10	0.10	-0.60	-0.22
15	0.20	0.20	0.20	0.30	0.30	-0.30	-0.60	-0.50	-0.50	-0.40	-0.20	-0.40	-0.70	-0.80	0.00	-0.10	-0.50	-0.20	0.00	-0.20	0.00	0.00	0.40	0.40	0.40	-0.80	-0.14
16	0.60	0.60	0.90	0.80	0.00	-0.30	-0.20	-0.30	-0.80	-1.00	-0.80	-0.90	-0.20	-0.50	-0.30	-0.40	-0.50	-0.40	-0.30	-0.20	-0.10	0.00	0.00	0.30	0.90	-1.00	-0.17
17	0.10	0.10	0.10	0.00	0.00	-0.10	-0.20	-0.20	-0.30	-0.40	-0.60	-0.70	-0.80	-0.90	-0.80	-0.10	0.00	0.10	0.10	0.00	0.00	-0.20	0.10	0.20	0.20	-0.90	-0.19
18	0.20	0.20	0.10	0.10	0.20	0.20	-0.30	-0.10	-0.40	-0.50	-0.60	-0.60	-0.80	-0.50	-0.40	-0.70	-0.70	-0.20	-0.30	-0.20	0.00	0.10	0.40	0.30	0.40	-0.80	-0.19
19	0.20	0.20	0.20	0.30	0.40	0.30	-0.20	-0.50	-0.50	-0.50	-0.50	-0.60	-0.70	-0.80	-1.00	-0.90	-0.60	-0.30	-0.60	-0.30	0.00	0.00	0.20	0.30	0.40	-1.00	-0.25
20	0.30	0.40	0.30	0.30	0.20	0.00	-0.30	-0.60	-0.60	-0.70	-0.80	-0.60	-0.20	-0.40	-0.60	-0.90	-0.80	-0.40	-0.80	-0.20	0.30	0.20	0.20	0.20	0.40	-0.90	-0.23
21	0.30	0.30	0.30	0.10	0.00	0.10	0.00	-0.10	-0.10	-0.30	-0.50	-0.50	-0.90	-0.90	-0.90	-0.60	-0.50	-0.40	-0.40	0.00	0.00	-0.10	0.10	0.20	0.30	-0.90	-0.20
22	0.30	0.30	0.30	0.60	0.40	-0.20	-0.70	-0.80	-0.80	-0.50	-0.40	-0.90	-1.00	-0.90	-0.90	-1.00	-0.90	-0.70	-0.50	-0.30	-0.30	0.10	0.30	0.30	0.60	-1.00	-0.34
23	0.70	0.50	0.30	0.40	0.50	0.50	-0.50	-0.60	-0.70	-0.70	-0.60	-0.60	-1.20	-0.80	-1.00	-0.80	-0.50	-0.30	-0.20	-0.10	0.20	0.20	0.40	0.40	0.70	-1.20	-0.19
24	0.30	0.40	0.60	0.30	0.30	0.40	-0.30	-0.50	-0.80	-0.60	-0.60	-0.70	-0.90	-0.70	-0.60	-0.80	-0.70	-0.80	-0.50	-0.70	-0.40	-0.20	0.00	0.10	0.60	-0.90	-0.31
25	0.20	0.20	0.20	0.20	0.00	-0.30	-0.40	-0.50	-0.60	-0.80	-0.70	-0.60	-0.50	-0.60	-1.00	-0.90	-1.00	-0.70	-0.50	-0.20	-0.10	0.10	0.20	0.20	0.20	-1.00	-0.34
26	0.20	0.40	0.40	0.50	0.10	-0.10	-0.30	-0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.40	-0.40	-0.20	-0.20	0.00	-0.10	0.00	0.00	0.00	0.50	-0.40	-0.07
27	0.00	0.10	0.10	0.00	0.00	0.00	-0.10	-0.20	-0.50	-0.90	-0.50	-0.80	-1.00	-0.90	-0.70	-0.40	-0.30	-0.20	-0.10	0.00	0.00	0.10	0.10	0.10	0.10	-1.00	-0.25
28	0.00	0.00	0.00	-0.10	-0.10	-0.20	-0.30	-0.40	-0.40	-0.50	-0.50	-0.40	-0.30	-0.20	-0.10	-0.20	-0.30	-0.20	-0.30	-0.20	0.00	0.10	0.00	0.00	0.10	-0.50	-0.19
29	0.00	0.00	0.00	0.00	-0.20	-0.20	-0.10	0.00	-0.30	-0.60	-0.50	-0.40	-0.50	-0.80	-0.60	-0.70	-0.80	-0.60	-0.40	-0.20	0.00	0.00	0.00	0.00	0.00	-0.80	-0.29
30	0.00	0.20	0.20	0.20	0.10	0.00	0.00	0.00	-0.20	-0.20	-0.20	-0.50	-0.40	-0.60	-0.60	-0.40	-0.40	0.00	-0.10	-0.20	0.00	0.20	0.10	0.10	0.20	-0.60	-0.11
Max	0.70	0.70	0.90	1.30	0.50	0.50	0.00	0.00	-0.10	-0.10	0.20	0.70	-0.20	-0.10	0.00	0.10	0.20	0.10	0.10	0.50	0.70	0.50	0.80	0.70	1.30		
Min	0.00	0.00	0.00	-0.10	-0.20	-0.30	-0.70	-0.80	-0.90	-1.00	-1.10	-1.30	-1.20	-1.40	-1.20	-1.20	-1.10	-0.80	-0.80	-0.70	-0.40	-0.20	-0.10	-0.10		-1.40	
Avg.	0.26	0.26	0.25	0.24	0.06	-0.05	-0.30	-0.37	-0.47	-0.52	-0.48	-0.55	-0.62	-0.62	-0.57	-0.55	-0.50	-0.35	-0.28	-0.14	0.01	0.10	0.20	0.24			-0.20
																									Max Daily Mean		-0.03
																									Min Daily Mean		-0.34

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.10	0.00	0.10	0.40	0.10	0.00	-0.20	-0.30	-0.30	0.00	-0.60	-0.70	-0.40	0.00	-0.10	-0.40	-0.30	-0.50	-0.50	0.00	0.00	0.00	0.00	0.00	0.40	-0.70	-0.15
2	0.00	0.00	-0.10	0.00	0.00	-0.30	-0.30	-0.40	-0.30	-0.30	-0.30	-0.60	-0.50	-0.70	-0.70	-0.40	-0.60	0.00	0.20	-0.20	-0.20	-0.10	0.20	0.20	0.20	-0.70	-0.23
3	0.20	0.10	0.20	0.10	-0.10	-0.20	-0.10	-0.30	-0.30	-0.30	-0.40	-0.40	-0.40	-0.30	0.10	-0.20	-0.20	-0.20	-0.10	-0.10	-0.10	0.10	0.10	0.10	0.20	-0.40	-0.11
4	0.20	0.50	0.20	0.10	0.00	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.30	-0.30	-0.40	-0.40	-0.30	-0.40	-0.20	0.10	-0.10	0.10	0.20	0.50	-0.40	-0.09
5	0.10	0.40	0.30	0.40	0.00	-0.30	-0.40	-0.90	-0.90	-0.90	-1.00	-1.00	-0.20	0.20	-0.40	-0.50	-0.50	-0.50	-0.40	-0.20	0.10	0.30	0.30	0.20	0.40	-1.00	-0.24
6	0.20	0.20	0.60	0.30	0.00	-0.20	-0.30	-0.80	-0.90	-0.40	-0.50	-0.50	-0.60	-0.40	-0.60	-0.80	-0.70	0.20	0.10	0.20	0.10	0.10	0.20	0.40	0.60	-0.90	-0.17
7	0.20	0.10	0.30	0.50	0.10	-0.20	-0.50	-0.90	-0.80	-0.60	-0.70	-0.50	-0.50	-0.60	-0.20	-0.40	-0.40	-0.20	-0.20	0.00	0.00	0.00	0.00	0.00	0.50	-0.90	-0.23
8	0.00	0.10	0.10	0.10	-0.10	-0.20	-0.20	-0.20	-0.50	-0.60	-0.50	-0.50	-0.60	-0.90	-1.10	-0.70	-1.00	-0.90	-0.80	-0.60	-0.40	-0.20	0.20	0.40	0.40	-1.10	-0.38
9	0.70	0.50	0.50	0.40	0.10	-0.30	-0.40	-0.80	-1.00	-0.60	-0.60	-0.50	-0.70	-0.40	-0.80	-0.60	-0.20	-0.80	-0.30	-0.20	0.10	0.00	0.30	0.20	0.70	-1.00	-0.23
10	0.30	0.70	0.40	0.20	0.40	0.20	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.30	-0.40	-0.30	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.00	0.10	0.70	-0.40	0.00
11	0.10	0.00	0.10	0.10	0.10	0.00	-0.10	-0.10	-0.20	-0.30	-0.40	-0.60	-0.70	-0.60	-0.80	-0.60	-0.60	-0.70	-0.50	-0.30	-0.30	-0.20	0.10	0.30	0.30	-0.80	-0.26
12	0.30	0.30	0.60	0.60	0.10	-0.30	-0.40	-0.70	-0.40	-0.30	-0.60	-0.60	-0.60	-0.70	-0.60	-1.00	-0.70	-0.70	-0.40	-0.30	-0.20	0.00	0.10	0.20	0.60	-1.00	-0.26
13	0.10	0.10	0.10	0.00	0.20	0.20	-0.20	-0.30	-0.50	-0.80	-0.90	-0.90	-0.60	-0.70	-0.80	-0.60	-0.60	-0.70	-0.60	-0.70	-0.30	-0.10	-0.10	0.00	0.20	-0.90	-0.36
14	0.00	0.10	0.10	0.20	0.20	0.00	-0.50	-0.50	-0.50	-0.40	-0.60	-0.90	-0.80	-0.60	-0.70	-0.80	-0.80	-0.60	-0.60	-0.40	-0.20	0.00	0.20	0.10	0.20	-0.90	-0.33
15	0.10	0.20	0.10	0.10	0.10	-0.10	-0.30	-0.40	-0.40	-0.70	-0.90	-0.80	-0.70	-0.60	-0.70	-0.40	-0.30	-0.20	-0.20	0.00	0.10	0.10	0.10	0.10	0.20	-0.90	-0.24
16	0.00	0.00	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.20	-0.20	-0.20	-0.10	0.00	-0.10	0.00	0.10	0.10	0.10	0.10	0.10	-0.20	-0.05
17	0.00	0.10	0.10	0.00	0.00	-0.10	-0.20	-0.40	-0.40	-0.30	-0.40	-0.60	-0.40	-0.50	-0.60	-0.50	-0.50	-0.50	-0.30	-0.20	0.00	0.10	0.20	0.10	0.20	-0.60	-0.22
18	0.10	0.10	0.10	0.10	0.00	-0.10	-0.20	-0.40	-0.40	-0.50	-0.40	-0.40	-0.50	-0.50	-0.40	-0.50	-0.40	-0.40	-0.30	-0.10	0.00	0.00	0.00	0.00	0.10	-0.50	-0.21
19	0.10	0.10	0.20	0.10	0.10	0.00	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.20	-0.30	-0.40	-0.20	-0.10	-0.10	0.10	0.20	0.10	0.20	0.10	0.20	-0.40	-0.03
20	0.10	0.20	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.30	-0.40	-0.40	-0.50	-0.50	-0.80	-0.80	-0.60	-0.70	-0.70	-0.40	-0.30	-0.10	0.00	0.10	0.10	0.20	-0.80	-0.26
21	0.30	0.20	0.30	0.20	0.20	0.00	0.00	-0.20	-0.20	-0.30	-0.40	-0.60	-0.50	-0.60	-0.40	-0.30	-0.20	-0.30	-0.20	0.00	0.20	0.10	0.30	0.20	0.30	-0.60	-0.09
22	0.20	0.00	0.10	0.00	0.00	0.20	-0.20	-0.50	-0.50	-0.80	-0.70	-0.50	-0.80	-0.40	-0.20	-0.40	-0.50	-0.40	-0.40	-0.40	-0.20	0.10	0.50	0.50	0.50	-0.80	-0.22
23	0.30	0.00	0.10	0.20	0.00	-0.10	-0.30	-0.30	-0.30	-0.40	-0.80	-0.40	-0.60	-0.80	-0.70	-0.90	-0.60	-0.50	-0.60	-0.20	0.10	0.00	0.00	0.20	0.30	-0.90	-0.28
24	0.20	0.10	0.10	0.00	0.00	-0.20	-0.30	-0.30	-0.40	-0.30	-0.30	-0.30	-0.30	-0.40	-0.50	-0.50	-0.70	-0.50	-0.60	-0.30	-0.20	0.00	0.10	0.00	0.20	-0.70	-0.23
25	0.00	0.20	0.10	0.00	-0.10	0.00	-0.10	-0.30	-0.40	-0.50	-0.50	-0.50	-0.50	-0.60	-0.60	-0.70	-0.80	-0.80	-0.60	-0.30	0.20	0.30	0.30	0.30	0.30	-0.80	-0.25
26	0.50	0.60	0.90	1.00	0.70	0.50	0.00	-0.60	-1.00	-1.00	-1.40	-1.00	-1.30	-1.00	-0.90	-1.10	-1.00	-0.50	-0.70	-0.50	-0.30	0.10	0.40	0.30	1.00	-1.40	-0.30
27	0.40	0.50	0.70	0.60	0.50	0.30	-0.10	-0.40	-0.30	-0.60	-0.70	-0.80	-0.90	-0.90	-0.90	-0.90	-0.90	-0.80	-0.60	-0.20	0.10	0.20	0.20	0.30	0.70	-0.90	-0.22
28	0.30	0.30	0.30	0.60	0.50	0.00	-0.30	-0.60	-0.80	-0.80	-0.60	-0.60	-0.80	-0.80	-0.70	-0.60	-1.00	-0.80	-0.60	-0.40	-0.30	0.20	0.10	0.10	0.60	-1.00	-0.30
29	0.20	0.30	0.40	0.40	0.20	0.00	-0.10	0.00	-0.30	-0.50	-0.60	-0.80	-0.70	-1.00	-0.20	-0.40	-0.50	-0.40	-0.60	-0.50	-0.10	0.00	0.00	0.10	0.40	-1.00	-0.21
30	0.10	0.10	0.20	0.30	0.10	-0.10	-0.10	-0.60	-0.70	-0.40	-0.70	-0.80	-0.90	-0.90	-1.00	-1.00	-0.90	-0.90	-0.60	-0.50	0.00	0.30	0.30	0.30	0.30	-1.00	-0.35
31	0.30	0.30	0.20	0.10	0.10	0.00	0.00	-0.30	-0.40	-0.50	-0.80	-1.20	-0.70	-0.60	-0.60	-0.70	-0.60	-0.60	-0.20	0.10	0.30	0.20	0.40	0.30	0.40	-1.20	-0.20
Max	0.70	0.70	0.90	1.00	0.70	0.50	0.00	0.00	-0.10	0.00	-0.10	-0.10	-0.10	0.20	0.10	-0.20	-0.10	0.20	0.20	0.20	0.30	0.30	0.50	0.50	1.00		
Min	0.00	0.00	-0.10	0.00	-0.10	-0.30	-0.50	-0.90	-1.00	-1.00	-1.40	-1.20	-1.30	-1.00	-1.10	-1.10	-1.00	-0.90	-0.80	-0.70	-0.40	-0.20	-0.10	0.00		-1.40	
Avg.	0.18	0.21	0.24	0.23	0.11	-0.05	-0.20	-0.39	-0.45	-0.45	-0.56	-0.58	-0.56	-0.55	-0.55	-0.57	-0.55	-0.46	-0.38	-0.22	-0.04	0.05	0.16	0.18			-0.22
																									Max Daily Mean		0.00
																									Min Daily Mean		-0.38

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.30	0.30	0.30	0.30	1.10	0.50	-0.60	-0.90	-1.00	-0.80	-0.60	-0.70	-0.40	-0.40	-0.50	-0.40	-0.70	-0.50	-0.40	-0.20	0.00	0.00	0.00	0.20	1.10	-1.00	-0.21
2	0.30	0.30	0.30	0.20	0.20	0.10	-0.10	-0.10	-0.30	-0.50	-0.40	-0.50	-0.40	-0.40	-0.40	-0.30	-0.20	-0.10	-0.20	0.00	-0.10	0.10	0.10	0.00	0.30	-0.50	-0.10
3	0.00	0.10	0.30	0.20	0.20	0.00	-0.20	-0.20	-0.30	-0.30	-0.30	-0.60	-0.40	-0.30	-0.20	-0.30	-0.10	-0.20	-0.20	-0.20	-0.10	0.10	0.10	0.10	0.30	-0.60	-0.12
4	0.10	0.10	0.10	0.10	0.10	0.00	-0.20	-0.20	-0.40	-0.60	-0.30	-0.80	-0.70	-0.70	-0.30	-0.30	-0.30	-0.20	-0.10	0.00	0.10	0.20	0.20	0.20	0.20	-0.80	-0.16
5	0.10	0.10	0.10	0.10	0.00	0.20	-0.10	-0.30	-0.50	-0.50	-0.40	-0.40	-0.40	-0.70	-0.90	-0.50	0.60	0.00	-0.30	-0.20	-0.10	0.20	0.10	0.20	0.60	-0.90	-0.15
6	0.20	0.30	0.70	0.30	0.40	0.50	0.00	0.00	-0.20	-0.40	-0.50	-0.30	-0.30	-0.70	-0.50	-0.30	-0.40	-0.30	-0.10	-0.10	0.00	0.00	0.10	0.10	0.70	-0.70	-0.06
7	0.20	0.30	0.10	0.20	0.20	0.40	0.10	-0.30	-0.60	-0.50	-0.60	-0.70	-0.90	-0.50	-0.50	-0.50	-0.60	-0.10	-0.30	0.00	0.10	0.10	0.10	0.10	0.40	-0.90	-0.18
8	0.10	0.10	0.00	0.10	0.00	0.00	-0.10	-0.30	-0.40	-0.40	-0.60	-0.70	-0.70	-0.80	-0.80	-0.80	-0.80	-0.50	-0.30	-0.20	-0.10	0.00	0.10	0.10	0.10	-0.80	-0.29
9	0.10	0.10	0.10	0.10	0.10	0.00	-0.20	-0.30	-0.50	-0.40	-0.50	-0.50	-0.50	-0.50	-0.70	-1.00	-0.90	-0.80	-0.60	-0.30	0.10	0.20	0.10	0.30	0.30	-1.00	-0.27
10	0.70	0.30	0.20	0.30	0.40	0.20	-0.20	-0.30	-0.70	-0.70	-0.50	-0.60	-0.80	-0.70	-0.70	-0.80	-0.80	-0.70	-0.40	-0.20	0.10	0.20	0.20	0.30	0.70	-0.80	-0.22
11	0.20	0.50	0.60	0.30	0.30	0.70	0.30	-0.50	-0.60	-0.80	-0.90	-0.90	-0.90	-0.90	-0.70	-0.80	-0.60	-0.50	-0.20	-0.10	0.10	0.10	0.10	0.10	0.70	-0.90	-0.21
12	0.30	0.20	0.50	0.40	0.40	0.20	0.20	-0.20	-0.30	-0.50	-0.70	-1.00	-0.80	-0.50	-0.50	-0.60	-0.30	0.30	0.10	0.00	0.30	0.20	0.20	0.20	0.50	-1.00	-0.08
13	0.40	0.40	0.40	0.20	0.50	0.20	-0.40	-0.20	-0.40	-0.80	-0.60	-0.90	-0.60	-0.50	-0.50	-0.60	-0.70	-0.50	-0.40	-0.30	0.10	0.30	0.30	0.10	0.50	-0.90	-0.19
14	0.30	0.50	0.40	0.80	0.50	0.30	-0.20	-0.40	-0.60	-0.90	-0.60	-0.50	-0.70	-0.80	-0.70	-0.80	-0.80	-0.60	-0.30	-0.10	0.10	0.30	0.20	0.50	0.80	-0.90	-0.17
15	0.50	0.40	0.90	1.10	0.70	0.70	0.20	-0.30	-0.30	-0.30	-0.60	-0.60	-0.80	-0.70	-0.60	-0.60	-0.50	-0.40	-0.10	-0.10	0.20	0.10	0.10	0.10	1.10	-0.80	-0.04
16	0.10	0.10	0.10	0.10	0.20	0.00	-0.10	-0.50	-0.40	-0.50	-0.70	-0.70	-0.70	-0.60	-0.90	-0.70	-0.80	-0.70	-0.40	-0.20	0.00	0.00	0.00	0.10	0.20	-0.90	-0.30
17	0.00	0.20	0.10	0.20	0.20	0.00	-0.10	-0.20	-0.40	-0.50	-0.50	-0.60	-1.00	-0.70	-0.80	-0.80	-0.60	-0.40	-0.40	-0.30	0.20	0.20	0.20	0.30	0.30	-1.00	-0.24
18	0.20	0.20	0.20	0.20	0.30	0.40	0.20	-0.30	-0.60	-0.80	-1.20	-1.30	-0.80	-0.90	-0.90	-0.90	-0.70	-0.30	-0.10	0.00	0.10	0.10	0.20	0.10	0.40	-1.30	-0.28
19	0.10	0.30	0.10	0.30	0.40	0.30	0.10	-0.20	-0.30	-0.50	-0.50	-0.80	-0.90	-1.00	-1.00	-1.00	-0.90	-0.70	-0.60	-0.10	0.20	0.30	0.20	0.30	0.40	-1.00	-0.25
20	0.30	0.20	0.20	0.30	0.50	0.60	0.50	0.40	0.10	0.00	-0.40	-0.70	-1.00	-0.90	-0.40	-0.40	-0.70	-0.30	-0.10	0.00	0.00	0.10	0.00	0.00	0.60	-1.00	-0.07
21	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.30	-0.40	-0.40	-0.40	-0.70	-0.30	-0.60	-0.40	-0.40	-0.20	0.10	0.30	0.30	0.30	0.20	0.30	-0.70	-0.14
22	0.30	0.40	0.40	0.50	0.50	0.50	0.40	-0.40	-0.60	-1.00	-0.90	-1.20	-1.20	-1.00	-1.10	-0.70	-0.70	-0.60	-0.30	0.00	0.10	0.20	0.20	0.40	0.50	-1.20	-0.24
23	0.40	0.50	0.80	0.50	0.70	0.80	0.30	-0.50	-0.70	-0.50	-0.50	-0.40	-0.70	-0.70	-0.70	-0.80	-0.60	-0.30	-0.10	0.10	0.20	0.20	0.20	0.20	0.80	-0.80	-0.07
24	0.20	0.30	0.40	0.60	0.50	0.20	0.20	-0.30	-0.70	-0.70	-0.50	-0.60	-0.70	-0.70	-0.70	-0.60	-0.30	-0.10	0.00	0.00	0.00	0.10	0.10	0.10	0.60	-0.70	-0.13
25	0.10	0.20	0.10	0.10	0.20	0.30	0.20	0.10	0.00	-0.10	-0.10	0.00	-0.10	-0.20	-0.30	-0.50	-0.30	-0.10	-0.10	0.10	0.20	0.20	0.10	0.10	0.30	-0.50	0.01
26	0.20	0.20	0.10	0.20	0.20	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.20	0.00	0.30	-0.10	-0.20	-0.20	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.30	-0.20	0.00
27	0.00	0.00	-0.10	0.00	0.00	0.10	0.10	0.00	-0.20	-0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.40	-0.50	-0.20	0.00	0.00	0.00	0.10	0.00	0.10	-0.50	-0.11
28	0.10	0.00	0.00	0.00	0.10	0.10	-0.10	-0.20	-0.30	-0.30	-0.30	-0.30	-0.40	-0.50	-0.30	-0.30	-0.30	-0.30	-0.10	0.10	0.10	0.20	0.20	0.20	0.20	-0.50	-0.11
29	0.30	0.40	0.60	0.30	0.40	0.60	0.10	0.20	-0.20	-0.70	-0.30	-0.90	-1.20	-0.80	-0.50	-0.40	-0.30	-0.30	-0.10	0.00	0.00	0.10	0.20	0.40	0.60	-1.20	-0.09
30	0.70	0.90	0.90	0.60	0.70	0.70	0.60	0.40	0.50	-0.10	-0.70	-0.60	-0.80	-0.60	-0.60	-0.60	-0.40	-0.30	0.00	0.30	0.40	0.20	0.10	0.30	0.90	-0.80	0.11
31	0.30	0.10	0.00	-0.10	0.00	0.00	-0.10	0.00	-0.30	-0.30	-0.40	-0.50	-0.50	-0.50	-0.40	-0.70	-0.50	-0.30	0.10	0.50	0.20	0.50	0.70	0.50	0.70	-0.70	-0.07
Max	0.70	0.90	0.90	1.10	1.10	0.80	0.60	0.40	0.50	0.00	-0.10	0.00	0.00	0.30	-0.10	-0.20	0.60	0.30	0.10	0.50	0.40	0.50	0.70	0.50	1.10		
Min	-0.10	0.00	-0.10	-0.10	0.00	0.00	-0.60	-0.90	-1.00	-1.00	-1.20	-1.30	-1.20	-1.00	-1.10	-1.00	-0.90	-0.80	-0.60	-0.30	-0.10	0.00	0.00	0.00		-1.30	
Avg.	0.23	0.26	0.29	0.27	0.32	0.28	0.03	-0.20	-0.37	-0.48	-0.51	-0.62	-0.64	-0.61	-0.57	-0.58	-0.49	-0.35	-0.21	-0.05	0.09	0.15	0.15	0.19			-0.14
																									Max Daily Mean		0.11
																									Min Daily Mean		-0.30

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Delta T A (Deg C)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.60	0.50	0.50	0.80	0.40	0.50	0.30	-0.10	-0.10	-0.30	-0.30	-0.30	-0.30	-0.30	-0.20	-0.20	-0.20	-0.20	-0.10	-0.10	0.00	0.00	-0.10	-0.10	0.80	-0.30	0.03
2	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.30	-0.40	-0.60	-0.60	-0.50	-0.60	-0.70	-0.60	-0.60	-0.40	-0.30	-0.10	0.10	0.20	0.20	0.10	0.20	0.20	-0.70	-0.21
3	0.40	0.30	0.70	0.90	1.00	0.70	0.70	1.20	0.00	-0.20	-0.20	-0.20	-0.20	-0.20	-0.30	-0.20	-0.20	0.00	0.00	0.10	0.00	0.00	0.00	0.00	1.20	-0.30	0.18
4	0.10	0.30	0.10	0.10	0.20	0.50	0.30	0.00	-0.30	-0.40	-0.90	-0.50	-0.50	-0.40	-0.40	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.00	0.10	0.30	0.50	-0.90	-0.08
5	0.20	0.10	0.30	0.20	0.10	0.20	0.20	-0.10	-0.30	-0.30	-0.40	-0.50	-0.60	-0.70	-0.30	-0.20	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.30	-0.70	-0.09
6	0.20	0.20	0.00	0.00	0.20	0.20	0.10	-0.10	-0.20	-0.30	-0.60	-0.50	-0.60	-0.60	-0.30	-0.30	-0.30	-0.20	0.00	0.20	0.10	0.00	0.10	0.10	0.20	-0.60	-0.11
7	0.10	0.10	0.00	0.00	0.10	0.10	0.00	-0.20	-0.20	-0.40	-0.40	-0.40	-0.30	-0.50	-0.40	-0.40	-0.30	-0.10	0.00	0.10	0.40	0.30	0.30	0.40	0.40	-0.50	-0.07
8	0.40	0.20	0.20	0.20	0.50	0.40	0.40	-0.30	-0.40	-0.80	-0.80	-0.80	-0.90	-0.70	-0.60	-0.30	-0.30	0.00	0.20	0.10	0.00	0.20	0.30	0.30	0.50	-0.90	-0.10
9	0.30	0.30	0.20	0.20	0.20	0.10	0.10	0.00	-0.10	-0.60	-1.00	-1.10	-0.90	-0.70	-0.60	-0.40	-0.50	-0.10	0.20	0.40	0.30	0.20	0.20	0.20	0.40	-1.10	-0.13
10	0.20	0.10	0.10	0.10	0.10	0.20	0.20	-0.10	-0.40	-0.60	-0.60	-0.50	-0.50	-0.60	-0.60	-0.40	-0.30	-0.10	0.10	0.40	0.20	0.20	0.10	0.20	0.40	-0.60	-0.10
11	0.30	0.40	0.60	0.50	0.60	0.30	0.30	0.10	-0.50	-0.70	-0.90	-0.80	-0.80	-0.80	-0.60	-0.20	-0.20	-0.10	0.10	0.40	0.20	0.20	0.20	0.20	0.60	-0.90	-0.05
12	0.30	0.50	0.50	1.10	0.90	0.70	0.80	0.60	0.00	-0.90	-0.90	-1.10	-1.10	-0.70	-0.70	-0.50	-0.30	-0.20	0.10	0.10	0.10	0.20	0.20	0.30	1.10	-1.10	0.00
13	0.30	0.10	0.20	0.20	0.20	0.20	0.10	0.00	-0.10	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.20	-0.20	0.00	0.00	0.10	0.10	0.10	0.20	0.30	-0.30	-0.03
14	0.20	0.30	0.50	0.40	0.50	0.40	0.30	0.20	-0.10	-0.10	-0.20	-0.10	-0.30	-0.30	-0.20	-0.50	-0.30	-0.20	0.00	0.00	0.10	0.40	0.40	0.40	0.50	-0.50	0.08
15	0.60	0.60	0.70	0.60	0.60	0.60	0.60	0.50	0.40	-0.10	-0.20	-0.50	-0.40	-0.40	-0.30	-0.30	-0.20	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.70	-0.50	0.11
16	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	0.00	0.00	0.00	-0.10	-0.10	-0.20	-0.30	-0.40	-0.30	-0.20	-0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	-0.40	-0.08
17	0.20	0.10	0.00	0.00	0.10	0.10	0.30	0.00	-0.10	-0.40	-0.40	-0.50	-0.50	-0.60	-0.40	-0.50	-0.30	-0.30	-0.10	0.20	0.30	0.20	0.20	0.20	0.30	-0.60	-0.09
18	0.20	0.20	0.60	0.90	0.80	0.90	0.70	0.80	0.30	-0.10	-0.30	-0.30	-0.30	-0.20	-0.20	-0.30	-0.10	0.00	0.10	0.30	0.20	0.10	0.20	0.30	0.90	-0.30	0.20
19	0.40	0.60	0.90	1.00	0.70	0.10	0.10	0.20	0.00	-0.10	-0.20	-0.40	-0.30	-0.30	-0.20	-0.20	-0.10	-0.10	0.00	0.00	0.00	0.00	0.10	0.10	1.00	-0.40	0.10
20	0.30	0.40	0.20	0.20	0.40	0.40	0.30	0.50	0.10	0.00	-0.10	-0.10	-0.20	-0.40	-0.20	0.00	0.00	0.10	0.30	0.30	0.30	0.30	0.20	0.60	0.60	-0.40	0.16
21	0.40	0.40	0.20	0.20	0.20	0.10	0.10	-0.10	-0.20	-0.20	-0.30	-0.40	-0.70	-0.70	-0.40	-0.20	0.20	0.40	0.30	0.50	0.40	0.30	0.40	0.30	0.50	-0.70	0.05
22	0.30	0.40	0.30	0.20	0.30	0.20	0.20	0.20	0.10	-0.20	-0.20	-0.30	-0.30	-0.40	-0.10	-0.10	0.00	0.10	0.20	0.20	0.10	0.10	0.10	0.00	0.40	-0.40	0.06
23	0.10	0.20	0.30	0.20	0.20	0.30	0.40	0.20	-0.10	-0.20	-0.30	-0.40	-0.50	-0.30	-0.30	-0.10	-0.10	0.00	0.10	0.20	0.10	0.20	0.10	-0.10	0.40	-0.50	0.01
24	-0.10	0.00	0.00	0.00	-0.10	-0.10	-0.10	-0.20	-0.20	-0.30	-0.30	-0.30	-0.50	-0.40	-0.50	-0.40	-0.30	-0.20	0.00	0.20	0.20	0.30	0.70	0.50	0.70	-0.50	-0.09
25	0.60	0.70	0.80	1.20	1.10	0.80	0.70	0.70	0.50	0.70	0.40	0.20	-0.50	-0.40	-0.30	-0.20	-0.10	0.00	0.20	0.30	0.10	0.10	0.10	0.10	1.20	-0.50	0.33
26	0.10	0.00	0.00	0.00	0.10	0.10	0.20	0.20	0.20	0.20	-0.40	-0.60	-0.80	-0.60	-0.50	-0.20	-0.30	0.10	0.40	0.30	0.30	0.30	0.20	0.20	0.40	-0.80	-0.02
27	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	-0.10	-0.30	-0.40	-0.40	-0.40	-0.30	-0.40	-0.40	-0.30	-0.10	0.20	0.20	0.40	0.70	0.80	0.90	0.90	-0.40	0.03
28	1.10	0.80	1.50	0.70	0.50	0.40	0.60	0.10	0.10	0.20	-0.10	-0.30	-0.30	-0.30	-0.30	-0.20	0.00	0.00	0.10	0.10	0.10	0.20	0.10	0.10	1.50	-0.30	0.22
29	0.20	0.30	0.20	0.70	0.40	0.60	1.20	1.10	0.10	0.00	-0.20	-0.20	-0.40	-0.40	-0.30	-0.30	-0.20	0.00	0.10	0.20	0.20	0.20	-0.10	0.00	1.20	-0.40	0.14
30	0.00	-0.10	-0.10	-0.10	-0.10	-0.10	0.00	-0.10	-0.30	-0.30	-0.30	-0.30	-0.30	-0.50	-0.30	-0.30	-0.20	-0.10	0.00	0.00	-0.10	-0.10	0.00	0.00	0.00	-0.50	-0.15
Max	1.10	0.80	1.50	1.20	1.10	0.90	1.20	1.20	0.50	0.70	0.40	0.20	-0.20	-0.20	-0.10	0.00	0.20	0.40	0.40	0.50	0.40	0.70	0.80	0.90	1.50		
Min	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.30	-0.50	-0.90	-1.00	-1.10	-1.10	-0.80	-0.70	-0.60	-0.50	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10		-1.10	
Avg.	0.27	0.27	0.32	0.35	0.34	0.29	0.30	0.17	-0.08	-0.26	-0.38	-0.42	-0.49	-0.47	-0.37	-0.29	-0.19	-0.07	0.08	0.16	0.14	0.16	0.17	0.20			0.01
																									Max Daily Mean		0.33
																									Min Daily Mean		-0.21

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.66	1.57	0.88	1.66	1.21	1.00	1.72	0.73	1.22	1.49	1.33	2.17	2.18	1.06	0.39	0.57	1.38	1.05	0.86	0.89	2.06	1.67	2.54	2.96	2.96	0.39	1.43
2	1.18	1.92	2.71	3.36	4.10	3.39	1.96	1.07	1.29	1.39	0.99	1.83	2.75	2.15	1.74	2.87	2.97	3.16	1.85	2.34	3.27	3.26	5.18	5.74	5.74	0.99	2.60
3	2.61	1.65	1.81	1.37	1.49	1.07	1.14	0.82	1.70	1.32	0.83	1.00	1.10	1.03	0.91	2.08	2.68	1.24	0.86	0.84	0.56	1.00	0.80	1.07	2.68	0.56	1.29
4	0.89	0.19	0.66	0.51	0.51	0.99	1.10	OutCal	OutCal	OutCal	OutCal	OutCal	OutCal	1.16	0.99	2.37	2.76	3.19	3.01	1.39	1.70	1.50	0.50	0.85	3.19	0.19	1.35
5	0.85	0.80	0.55	0.53	0.16	0.48	0.55	2.21	2.07	2.87	2.99	0.92	0.98	1.52	1.12	1.34	2.85	2.44	1.86	1.19	1.33	1.20	1.15	1.45	2.99	0.16	1.39
6	1.54	1.81	1.69	2.11	2.36	1.52	2.16	1.95	2.09	1.90	2.01	2.29	1.44	1.89	0.67	0.99	0.72	1.00	0.80	0.59	0.73	0.82	0.97	1.58	2.36	0.59	1.48
7	1.13	1.44	0.83	0.78	0.82	0.88	0.49	0.85	0.85	1.26	0.65	0.98	1.40	0.45	0.50	0.49	1.03	1.80	1.45	1.77	0.51	0.48	1.08	1.23	1.80	0.45	0.96
8	1.59	1.01	0.96	1.13	1.06	0.65	1.61	0.94	1.57	1.96	0.89	0.68	0.53	0.46	0.58	0.87	1.16	1.37	0.96	0.76	3.67	2.93	4.81	2.93	4.81	0.46	1.46
9	1.74	2.19	2.68	2.15	2.09	2.16	1.94	1.73	1.48	1.42	1.98	1.78	1.41	2.20	4.44	3.39	4.40	1.78	0.78	1.45	0.75	1.05	0.96	2.06	4.44	0.75	2.00
10	2.16	0.95	1.01	0.54	0.83	1.48	2.86	3.29	2.68	2.16	2.16	3.51	3.67	4.10	3.64	3.63	3.08	2.89	2.71	2.05	1.18	1.12	1.17	1.63	4.10	0.54	2.27
11	1.90	1.74	1.59	2.26	3.55	2.75	2.00	1.55	1.99	1.66	1.91	2.19	2.80	1.54	0.89	1.04	1.22	2.11	1.96	1.62	1.38	0.99	0.49	0.28	3.55	0.28	1.73
12	0.89	1.24	1.82	1.15	1.01	0.59	1.19	0.98	1.17	1.59	2.02	2.50	2.57	2.44	1.95	2.36	3.55	2.90	3.19	1.47	0.34	0.54	0.37	0.82	3.55	0.34	1.61
13	0.84	0.95	1.64	1.07	1.03	1.31	1.26	1.70	0.71	0.59	0.49	0.85	1.17	0.43	0.62	0.72	1.51	2.28	2.10	2.27	1.46	2.21	2.14	2.76	2.76	0.43	1.34
14	2.48	2.57	1.50	2.03	3.17	2.59	3.05	1.25	1.72	1.49	1.47	1.14	1.15	1.32	1.11	1.11	1.55	0.68	1.36	1.74	1.80	2.16	1.99	2.36	3.17	0.68	1.78
15	3.21	3.19	2.35	2.33	3.22	2.74	3.15	4.07	4.10	3.51	3.25	2.30	2.13	1.13	0.44	0.82	1.84	2.29	1.16	0.54	0.96	1.27	1.00	0.72	4.10	0.44	2.16
16	1.31	1.08	1.32	0.80	0.85	0.82	0.54	0.80	0.66	0.65	0.77	0.48	0.54	0.78	0.38	0.50	1.03	1.76	0.43	0.81	0.48	0.98	1.42	1.16	1.76	0.38	0.85
17	1.63	0.90	0.75	0.86	1.12	1.53	1.77	1.87	1.91	1.41	1.08	0.67	0.59	0.63	0.77	0.36	0.54	1.08	0.28	0.57	0.44	0.78	1.49	2.20	2.20	0.28	1.05
18	2.76	1.93	2.75	2.94	3.20	1.73	1.74	1.44	0.81	1.15	1.08	0.72	2.20	3.49	3.59	3.25	3.62	3.98	3.94	4.15	4.63	4.11	3.54	2.98	4.63	0.72	2.74
19	3.19	3.62	3.78	3.52	3.25	3.09	2.28	2.12	1.83	1.36	1.59	1.30	0.97	0.92	1.14	0.60	0.69	0.75	0.56	0.75	1.09	1.23	0.95	1.11	3.78	0.56	1.74
20	0.85	1.54	1.37	2.30	3.06	2.96	3.21	2.68	2.27	2.90	3.06	2.38	1.73	1.31	0.80	2.14	4.20	4.02	3.17	3.07	1.99	3.69	4.67	3.53	4.67	0.80	2.62
21	4.08	3.68	3.94	4.14	2.66	3.24	3.17	3.05	4.11	5.19	5.06	6.76	6.06	4.77	5.18	4.33	3.89	3.84	3.16	3.74	3.85	4.37	5.01	5.47	6.76	2.66	4.28
22	5.12	5.97	5.71	6.03	5.85	4.95	5.32	4.59	3.49	2.69	2.18	2.14	1.26	1.09	0.63	0.83	1.01	0.30	0.99	0.48	0.75	1.02	0.97	0.93	6.03	0.30	2.68
23	0.51	0.56	0.51	1.08	0.74	1.49	1.65	0.44	0.90	0.98	1.17	1.71	1.33	2.59	2.63	2.06	1.33	1.23	1.20	0.48	0.35	0.72	1.65	1.36	2.63	0.35	1.19
24	1.45	0.99	0.75	1.28	1.60	1.32	1.51	2.35	2.58	2.94	3.21	3.06	3.32	2.68	2.81	2.39	2.61	2.47	2.16	1.97	2.77	2.64	3.44	3.01	3.44	0.75	2.30
25	1.89	1.99	1.98	1.68	1.14	1.38	1.52	1.38	1.90	1.60	1.50	1.60	1.43	2.69	7.20	10.24	14.25	13.91	12.91	8.43	6.65	3.78	1.02	0.83	14.25	0.83	4.29
26	1.25	1.55	2.15	1.90	1.25	2.70	2.83	1.90	2.98	5.08	3.23	3.84	3.90	4.49	4.31	3.71	2.76	2.74	2.47	2.62	2.89	2.95	1.69	2.05	5.08	1.25	2.80
27	0.76	0.73	0.86	1.93	1.60	1.31	1.63	1.39	1.24	1.35	1.39	1.42	1.12	1.27	1.40	2.52	3.26	2.55	2.70	2.74	2.52	3.17	2.59	4.17	4.17	0.73	1.90
28	3.65	4.91	4.72	3.96	3.12	3.31	5.10	4.62	3.33	2.09	4.18	3.94	3.56	3.59	2.31	2.56	2.95	2.11	1.52	1.31	2.09	4.31	4.66	6.21	6.21	1.31	3.50
29	5.24	2.24	2.93	4.14	2.92	3.29	2.86	2.83	2.79	3.38	3.24	5.05	4.81	4.99	5.08	4.35	1.72	1.00	2.25	2.41	2.88	2.07	1.37	0.49	5.24	0.49	3.10
30	0.86	0.99	2.38	2.38	3.61	4.09	3.25	3.95	3.65	3.02	3.28	1.82	1.57	0.85	0.94	1.63	1.78	1.47	1.41	0.62	1.50	2.05	2.24	2.55	4.09	0.62	2.16
31	2.55	0.66	0.77	0.33	0.90	1.09	0.86	1.73	0.89	0.93	0.99	1.20	2.32	2.71	3.41	3.17	3.21	2.57	2.36	0.85	0.89	1.57	1.22	1.37	3.41	0.33	1.61
Max	5.24	5.97	5.71	6.03	5.85	4.95	5.32	4.62	4.11	5.19	5.06	6.76	6.06	4.99	7.20	10.24	14.25	13.91	12.91	8.43	6.65	4.37	5.18	6.21	14.25		
Min	0.51	0.19	0.51	0.33	0.16	0.48	0.49	0.44	0.66	0.59	0.49	0.48	0.53	0.43	0.38	0.36	0.54	0.30	0.28	0.48	0.34	0.48	0.37	0.28		0.16	
Avg.	1.99	1.82	1.91	2.01	2.05	2.00	2.11	2.01	2.00	2.04	2.00	2.07	2.07	1.99	2.02	2.24	2.63	2.45	2.14	1.80	1.85	1.99	2.03	2.19			2.06
																									Max Daily Mean		4.29
																									Min Daily Mean		0.85

Total Hours in month: **744** **Hours Data Available:** **738** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.34	0.98	0.91	1.18	1.27	1.12	1.07	1.06	1.69	3.01	2.57	2.46	1.13	0.66	1.54	2.02	1.48	1.66	2.07	1.53	1.71	0.91	1.42	1.94	3.01	0.66	1.53
2	1.96	1.69	2.06	1.16	0.92	0.72	0.95	0.81	1.70	1.99	2.04	1.46	2.06	1.48	1.36	2.37	1.79	1.93	1.40	0.70	1.19	1.21	1.33	1.19	2.37	0.70	1.48
3	2.17	1.39	1.24	1.64	1.84	2.71	3.05	2.04	2.41	4.28	5.82	9.02	7.90	7.37	7.46	7.89	5.54	0.93	2.27	1.71	1.60	1.41	2.01	1.09	9.02	0.93	3.53
4	1.85	1.34	0.97	1.51	1.97	3.41	3.96	2.33	1.42	1.59	2.45	2.27	3.39	3.28	2.61	2.67	1.73	1.03	1.31	4.40	3.47	3.98	3.69	4.33	4.40	0.97	2.54
5	3.27	4.40	3.94	3.31	3.66	2.28	3.00	2.10	2.74	1.42	2.15	0.85	0.69	1.42	1.50	2.66	2.79	3.11	2.73	2.36	2.77	3.22	3.40	5.09	5.09	0.69	2.70
6	4.67	5.89	6.04	7.88	6.29	7.38	6.27	7.83	7.27	6.61	4.44	5.69	6.39	6.49	7.14	4.53	2.67	2.82	2.48	2.00	1.86	1.31	3.01	2.36	7.88	1.31	4.97
7	1.94	1.78	1.89	0.70	3.54	5.02	3.88	4.19	1.76	1.63	1.04	0.71	0.88	1.34	1.09	1.18	1.68	1.82	1.74	2.06	1.89	1.21	1.24	1.20	5.02	0.70	1.89
8	0.78	1.26	2.70	3.13	3.05	3.27	3.64	3.27	3.32	3.35	2.90	2.20	1.11	1.58	2.31	1.55	0.89	1.21	1.53	1.50	0.50	1.76	2.93	4.16	4.16	0.50	2.25
9	4.16	3.57	4.80	3.99	4.25	4.48	5.05	5.18	5.25	4.99	3.91	2.53	1.70	3.06	3.94	2.65	3.00	3.80	1.65	1.60	1.98	2.35	3.15	1.63	5.25	1.60	3.44
10	2.64	3.22	2.42	1.91	3.94	2.59	2.63	2.70	2.29	3.25	1.03	1.29	2.53	1.66	1.79	0.77	1.27	2.37	2.05	1.77	2.18	1.58	2.75	2.17	3.94	0.77	2.20
11	3.59	3.93	3.21	3.34	2.17	2.38	2.48	1.36	1.16	0.95	1.51	1.06	1.54	1.64	4.42	4.39	5.89	6.26	6.30	7.74	8.57	7.67	9.29	7.30	9.29	0.95	4.09
12	6.02	7.44	6.86	7.38	4.78	4.23	3.03	2.30	2.94	2.92	3.45	4.02	3.53	3.63	2.74	3.63	2.29	1.46	0.24	0.47	0.79	0.35	0.52	0.47	7.44	0.24	3.15
13	0.12	0.50	0.60	1.59	2.84	2.35	3.30	3.31	5.30	5.76	5.52	5.15	4.84	3.77	5.50	5.59	3.70	3.20	2.89	3.81	3.35	3.32	3.71	4.04	5.76	0.12	3.50
14	4.16	3.07	2.36	3.78	4.53	4.35	4.30	2.81	1.67	1.48	1.51	0.61	0.75	0.61	0.49	1.13	1.08	0.79	1.04	0.95	0.95	0.44	0.29	1.14	4.53	0.29	1.85
15	0.75	0.76	1.76	1.57	1.54	1.23	1.55	1.99	1.51	1.79	1.38	1.98	1.64	1.09	1.17	0.99	1.84	1.99	1.18	0.71	0.85	0.53	1.32	0.97	1.99	0.53	1.34
16	0.41	0.39	0.70	0.73	0.76	1.40	1.08	1.19	0.83	0.76	0.61	0.50	0.56	0.67	0.76	0.90	0.77	1.09	0.73	0.93	0.65	1.04	1.53	1.42	1.53	0.39	0.85
17	1.63	0.89	1.16	1.19	0.83	0.50	0.86	1.06	0.78	0.71	0.79	0.37	0.82	1.01	0.93	0.89	1.24	1.97	1.10	0.76	1.96	2.53	2.49	2.95	2.95	0.37	1.23
18	3.49	4.46	2.36	1.60	1.86	2.77	2.70	2.51	3.00	3.38	4.35	3.15	3.16	2.33	2.88	2.75	3.25	2.94	2.55	2.74	2.82	2.23	2.14	2.90	4.46	1.60	2.85
19	2.31	2.42	2.05	2.82	2.45	1.88	2.90	3.36	3.12	3.52	2.89	3.28	3.99	3.87	4.30	5.03	4.22	3.89	4.63	5.08	4.57	3.77	3.76	3.84	5.08	1.88	3.50
20	4.00	4.66	4.95	4.78	4.16	4.87	4.69	4.82	5.17	4.34	3.78	3.70	3.16	2.54	1.40	0.76	0.86	0.97	1.12	0.79	0.99	0.61	0.57	0.67	5.17	0.57	2.85
21	0.61	0.88	0.64	0.93	0.30	0.96	1.04	1.40	1.18	0.92	0.50	0.77	0.56	0.75	0.80	1.16	1.23	0.67	0.82	1.42	1.01	0.52	0.92	0.94	1.42	0.30	0.87
22	1.09	0.69	1.09	1.64	1.27	1.46	0.93	1.68	1.70	0.77	0.69	1.35	1.05	1.27	1.04	0.69	0.63	1.78	2.22	2.23	1.61	2.00	2.41	1.74	2.41	0.63	1.38
23	1.56	1.65	2.68	2.67	2.76	2.43	1.65	1.32	1.53	1.83	1.47	1.27	1.03	0.73	1.22	1.23	1.61	1.11	1.25	1.89	2.24	1.34	0.98	1.90	2.76	0.73	1.64
24	1.12	0.66	0.48	0.38	1.04	0.70	1.15	0.67	0.78	0.37	0.53	0.26	0.67	1.44	0.73	1.32	0.90	0.60	0.62	0.69	0.81	0.80	0.65	0.24	1.44	0.24	0.73
25	0.72	0.59	0.57	0.63	0.81	0.89	0.57	0.87	0.84	0.68	1.63	1.90	2.37	0.91	0.98	0.59	0.91	0.64	1.17	2.07	1.00	0.91	1.70	2.33	2.37	0.57	1.10
26	0.86	1.68	1.18	1.88	1.65	1.49	1.04	0.94	1.02	1.05	0.70	0.58	0.90	0.63	0.45	1.03	1.24	0.71	0.50	0.84	0.96	1.50	1.77	1.11	1.88	0.45	1.07
27	1.10	1.03	0.96	0.71	1.20	1.10	1.46	1.91	1.77	3.03	2.17	2.89	3.20	3.16	4.23	4.18	4.41	4.51	4.17	4.19	3.21	4.78	3.43	4.12	4.78	0.71	2.79
28	5.78	5.17	4.23	3.76	4.54	4.30	3.77	3.37	4.01	4.46	3.41	3.22	2.49	3.24	3.09	2.82	1.24	1.94	3.43	2.18	2.13	1.94	0.79	1.14	5.78	0.79	3.19
29	0.91	1.00	0.95	0.78	0.44	1.01	1.20	0.95	1.18	0.69	1.53	1.15	2.08	1.70	1.32	1.27	1.49	1.65	1.17	1.75	3.32	3.33	3.74	3.88	3.88	0.44	1.60
30	3.43	1.82	2.03	2.83	1.75	1.48	1.17	0.99	0.80	0.89	1.34	1.87	2.53	2.52	2.26	2.59	3.33	4.03	4.10	5.05	4.25	4.27	3.58	3.77	5.05	0.80	2.61
Max	6.02	7.44	6.86	7.88	6.29	7.38	6.27	7.83	7.27	6.61	5.82	9.02	7.90	7.37	7.46	7.89	5.89	6.26	6.30	7.74	8.57	7.67	9.29	7.30	9.29		
Min	0.12	0.39	0.48	0.38	0.30	0.50	0.57	0.67	0.78	0.37	0.50	0.26	0.56	0.61	0.45	0.59	0.63	0.60	0.24	0.47	0.50	0.35	0.29	0.24		0.12	
Avg.	2.28	2.31	2.26	2.38	2.41	2.49	2.48	2.34	2.34	2.41	2.27	2.25	2.29	2.20	2.38	2.37	2.17	2.10	2.02	2.20	2.17	2.09	2.35	2.40			2.29
																									Max Daily Mean		4.97
																									Min Daily Mean		0.73

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	3.93	3.64	4.17	3.52	2.80	1.11	1.91	4.02	3.54	2.43	3.48	3.91	1.42	1.84	2.08	1.20	0.77	1.35	1.75	1.57	1.24	0.81	1.43	1.16	4.17	0.77	2.30
2	1.25	1.20	2.00	2.26	2.48	3.30	1.65	1.54	1.18	2.73	1.50	0.73	1.30	2.68	4.07	6.93	6.80	6.63	4.98	6.32	4.31	2.95	3.29	3.32	6.93	0.73	3.14
3	2.94	2.23	2.01	0.93	1.70	1.28	2.53	3.33	2.64	2.74	3.65	3.63	2.26	2.15	1.83	1.25	2.29	0.86	1.00	1.63	1.98	1.70	1.68	1.90	3.65	0.86	2.09
4	1.30	1.76	1.81	1.66	2.33	2.52	4.23	2.71	1.92	2.17	4.28	3.96	6.40	6.04	6.20	5.01	4.19	2.36	1.95	2.38	1.68	2.38	2.72	2.83	6.40	1.30	3.12
5	3.33	5.37	10.35	6.52	4.81	5.74	7.78	7.29	6.87	4.18	5.58	6.68	5.14	8.58	7.41	3.75	3.77	4.65	4.69	4.90	4.57	4.60	5.03	4.41	10.35	3.33	5.67
6	4.91	4.89	4.53	3.60	4.15	4.08	3.38	4.01	4.48	3.30	4.14	2.91	2.46	1.27	1.44	0.64	0.64	0.76	2.12	1.84	1.83	2.14	2.10	2.44	4.91	0.64	2.84
7	2.45	1.62	1.27	1.81	2.28	2.42	1.97	3.03	3.46	3.17	2.27	1.93	1.52	1.03	0.96	1.29	3.06	3.71	3.90	4.47	3.97	4.29	3.99	4.42	4.47	0.96	2.68
8	4.84	3.71	3.70	3.45	3.40	3.54	3.91	3.52	2.50	1.94	3.10	2.08	2.89	3.07	2.36	1.84	2.06	3.01	1.77	1.43	1.25	1.22	2.05	1.07	4.84	1.07	2.65
9	0.82	0.82	2.57	1.38	2.00	1.63	1.86	1.04	1.20	1.33	0.47	0.83	1.10	0.98	0.54	1.37	1.14	1.09	1.45	2.03	1.99	3.21	2.54	2.15	3.21	0.47	1.48
10	3.62	3.55	1.89	3.21	3.51	2.92	2.62	0.96	0.79	1.89	1.86	2.46	2.17	2.68	2.92	3.18	3.75	3.64	4.05	4.70	5.08	3.89	1.48	1.59	5.08	0.79	2.85
11	2.51	2.16	2.14	2.09	1.05	1.62	1.35	1.28	2.40	2.73	3.40	3.58	3.39	5.47	7.98	8.13	9.33	9.51	10.46	11.29	11.45	11.80	3.81	6.12	11.80	1.05	5.21
12	4.82	1.62	1.40	1.81	2.39	1.36	1.23	4.12	3.13	3.56	4.17	3.84	4.51	3.86	3.07	4.06	2.90	3.29	3.66	2.94	3.50	3.06	2.68	3.17	4.82	1.23	3.09
13	3.37	3.08	2.10	2.58	2.92	3.12	3.07	2.39	2.33	2.32	1.18	1.37	0.61	1.98	1.17	0.79	1.47	2.26	2.58	3.36	3.54	2.97	2.09	1.26	3.54	0.61	2.25
14	2.06	2.53	2.67	2.98	2.88	2.62	2.33	2.05	2.76	2.15	2.28	2.08	1.83	2.51	2.36	2.34	2.63	2.26	1.93	1.55	2.21	2.31	2.11	2.14	2.98	1.55	2.32
15	1.76	2.82	4.34	3.41	5.01	4.07	5.43	6.58	6.68	6.52	5.73	6.00	5.82	6.02	3.80	4.23	6.17	4.02	1.47	1.94	1.63	1.15	2.31	1.92	6.68	1.15	4.12
16	1.23	1.16	1.90	1.78	2.32	1.37	1.42	1.80	2.21	1.41	2.11	2.46	1.72	2.61	2.97	1.85	2.30	2.57	2.12	3.31	2.42	1.59	1.08	1.26	3.31	1.08	1.96
17	1.20	0.95	1.01	0.93	1.62	2.25	1.34	0.94	1.59	1.28	2.15	1.93	2.11	1.98	1.41	1.55	1.65	1.26	2.35	2.74	2.08	2.19	1.97	1.63	2.74	0.93	1.67
18	1.82	1.53	1.08	1.00	1.10	1.38	2.25	3.63	2.20	2.95	2.28	4.55	3.93	3.61	2.43	4.11	1.95	2.01	2.82	4.90	2.70	1.33	2.79	1.97	4.90	1.00	2.51
19	2.04	1.48	0.96	0.84	1.39	1.31	0.78	2.08	1.29	1.10	0.79	2.48	2.06	2.53	2.81	2.12	2.45	0.75	0.94	0.81	0.43	1.13	1.25	3.17	3.17	0.43	1.54
20	2.34	2.48	2.85	1.76	1.56	0.78	1.05	0.51	0.56	0.92	0.92	1.06	1.08	1.27	0.70	1.04	1.92	1.88	1.68	1.87	1.58	1.44	2.10	1.62	2.85	0.51	1.46
21	2.91	3.91	2.45	1.54	0.74	1.75	2.07	1.05	0.89	0.77	1.09	2.14	4.14	2.03	2.33	1.32	1.69	0.96	2.03	1.31	0.73	0.99	1.02	2.20	4.14	0.73	1.75
22	1.98	2.08	3.42	2.26	1.98	1.81	4.06	2.48	3.15	2.77	2.02	1.74	3.05	4.92	8.21	4.41	4.00	3.99	3.93	3.04	2.71	1.76	1.51	0.88	8.21	0.88	3.01
23	1.10	1.39	0.77	1.86	1.69	3.08	3.33	2.97	3.49	3.58	3.47	2.86	3.33	2.87	3.56	3.05	2.49	1.64	0.54	1.06	1.03	1.29	1.48	1.78	3.58	0.54	2.24
24	1.28	1.85	2.59	1.95	0.91	1.00	1.07	0.47	1.00	0.79	0.99	0.98	0.90	1.44	1.72	1.01	1.72	1.32	0.89	0.74	2.44	3.48	3.12	2.88	3.48	0.47	1.52
25	1.62	2.27	1.68	2.95	2.16	2.12	2.01	1.66	1.86	1.42	2.21	2.31	2.46	2.42	2.39	2.29	1.78	1.84	1.40	1.03	0.61	0.84	0.46	0.28	2.95	0.28	1.75
26	0.50	1.11	0.98	0.76	2.29	2.47	3.76	3.63	4.43	3.60	2.82	4.11	3.77	6.44	9.65	11.03	11.91	7.08	5.13	6.63	8.61	9.04	10.29	9.65	11.91	0.50	5.40
27	2.64	1.49	2.85	3.10	3.29	2.45	2.26	2.54	2.32	0.98	2.29	2.18	1.63	1.12	0.91	0.96	1.70	1.10	1.75	3.01	1.97	1.60	2.60	1.73	3.29	0.91	2.02
28	1.13	1.55	2.89	3.25	3.78	3.56	2.66	1.41	1.48	0.93	1.29	1.64	2.16	3.25	2.38	2.19	2.42	2.37	4.15	3.23	3.36	2.07	2.29	2.26	4.15	0.93	2.40
29	2.02	2.09	1.15	1.79	0.98	1.02	1.53	1.17	0.82	0.96	0.55	0.44	0.78	0.79	1.58	0.34	0.75	0.30	0.60	0.67	0.43	0.80	1.55	1.02	2.09	0.30	1.01
30	0.82	0.63	0.91	1.51	1.06	1.12	1.13	0.87	1.07	1.18	0.54	0.40	0.99	0.96	0.72	0.49	0.61	0.60	1.01	0.40	1.00	1.28	0.63	0.90	1.51	0.40	0.87
31	0.90	0.87	0.55	0.89	0.52	0.94	0.96	1.03	0.78	0.57	0.80	0.46	0.69	1.74	1.77	0.64	1.27	0.62	0.67	1.19	0.88	1.53	0.61	0.48	1.77	0.46	0.89
Max	4.91	5.37	10.35	6.52	5.01	5.74	7.78	7.29	6.87	6.52	5.73	6.68	6.40	8.58	9.65	11.03	11.91	9.51	10.46	11.29	11.45	11.80	10.29	9.65	11.91		
Min	0.50	0.63	0.55	0.76	0.52	0.78	0.78	0.47	0.56	0.57	0.47	0.40	0.61	0.79	0.54	0.34	0.61	0.30	0.54	0.40	0.43	0.80	0.46	0.28		0.28	
Avg.	2.24	2.19	2.42	2.24	2.29	2.25	2.48	2.46	2.42	2.21	2.37	2.51	2.50	2.91	3.02	2.72	2.95	2.57	2.57	2.85	2.68	2.61	2.39	2.37			2.51
																									Max Daily Mean		5.67
																									Min Daily Mean		0.87

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.72	1.14	1.60	0.85	0.85	0.66	0.29	0.83	0.39	0.82	1.12	1.07	1.13	1.60	1.71	1.36	1.62	0.89	1.62	0.75	0.98	1.29	0.80	0.58	1.71	0.29	1.03
2	0.44	1.04	1.23	0.86	0.92	0.64	0.63	1.41	0.86	1.10	1.44	1.04	0.87	0.79	1.17	1.86	2.44	2.72	1.30	2.02	2.00	1.11	0.83	1.67	2.72	0.44	1.27
3	2.35	1.58	1.99	1.93	1.43	1.60	1.54	1.41	1.52	2.59	4.05	3.46	3.32	3.11	0.89	1.22	2.27	0.85	0.52	0.37	0.49	0.72	0.84	0.84	4.05	0.37	1.70
4	1.25	0.94	0.34	0.79	0.85	0.58	0.77	0.61	0.92	1.01	0.81	0.82	1.89	2.08	1.76	2.37	2.05	2.65	3.73	2.68	1.88	1.62	0.93	0.81	3.73	0.34	1.42
5	1.24	1.29	1.83	1.53	2.52	2.16	2.25	1.59	1.79	1.92	2.05	2.14	2.88	3.64	4.00	3.16	3.51	3.77	3.30	1.51	0.98	1.09	1.20	1.82	4.00	0.98	2.22
6	3.10	1.79	1.31	1.06	2.13	2.46	2.23	2.32	2.46	2.93	4.25	5.14	4.26	3.05	1.73	1.05	1.13	1.84	1.64	2.48	2.28	1.55	2.25	2.53	5.14	1.05	2.37
7	2.92	1.33	1.29	1.64	1.10	1.06	1.51	1.38	1.11	1.14	1.19	0.55	1.73	2.13	1.68	1.76	1.40	2.30	1.91	1.31	1.54	1.10	1.41	1.78	2.92	0.55	1.51
8	1.30	3.09	4.15	5.09	4.09	5.15	3.62	3.98	4.16	3.24	4.73	3.18	2.86	1.98	3.10	3.08	1.98	1.57	1.36	0.97	0.85	0.75	0.57	0.68	5.15	0.57	2.73
9	0.88	0.61	0.71	0.92	1.23	1.56	0.85	1.61	2.28	1.69	1.95	1.70	1.45	2.32	2.21	1.59	1.29	1.32	2.12	1.30	1.61	3.04	3.01	2.91	3.04	0.61	1.67
10	2.47	1.43	2.80	2.95	2.44	1.99	1.21	1.21	1.41	1.24	1.62	2.76	2.19	2.22	1.43	1.50	1.71	2.25	1.51	1.74	1.37	1.34	2.10	1.38	2.95	1.21	1.84
11	1.24	2.10	1.02	1.00	1.54	2.16	1.70	2.30	2.29	1.23	2.16	1.56	0.69	0.64	0.78	2.42	2.10	1.41	2.19	2.23	2.72	3.22	2.50	2.82	3.22	0.64	1.83
12	1.73	1.51	2.40	2.64	2.36	2.49	3.09	3.74	3.41	3.87	3.58	3.54	3.65	3.20	1.61	1.29	1.27	1.15	1.65	1.52	1.26	1.35	0.80	0.58	3.87	0.58	2.24
13	0.79	2.00	1.58	1.14	1.37	0.58	1.39	1.52	1.26	0.59	2.16	1.99	1.48	0.44	1.33	1.51	0.77	1.71	2.73	2.00	2.38	1.55	0.06	1.52	2.73	0.06	1.41
14	1.69	0.61	0.75	0.39	0.50	1.04	1.55	1.09	1.49	1.24	1.46	1.14	0.64	1.07	1.29	1.38	1.64	1.22	1.86	1.57	1.26	0.71	1.55	2.52	2.52	0.39	1.24
15	1.42	1.18	0.73	1.96	1.15	2.11	0.86	1.93	1.13	1.28	1.05	1.33	1.24	2.18	2.04	0.93	1.06	0.38	0.08	0.69	0.21	0.87	0.72	1.17	2.18	0.08	1.15
16	0.90	1.05	0.67	0.89	0.88	0.57	0.93	0.20	0.39	0.89	0.60	0.55	0.84	1.09	0.74	1.46	1.01	1.09	1.13	0.20	1.35	1.18	0.58	1.20	1.46	0.20	0.85
17	1.43	0.93	1.68	1.62	0.74	1.35	1.10	1.19	1.64	2.00	1.13	1.89	1.75	1.49	1.61	1.90	1.56	1.62	1.91	1.77	2.04	1.29	1.86	2.41	2.41	0.74	1.58
18	1.79	2.17	1.62	1.76	0.91	1.51	2.11	2.11	1.94	0.76	1.81	1.62	1.35	1.47	1.01	1.23	1.23	1.67	1.20	0.93	2.12	0.82	1.33	0.81	2.17	0.76	1.47
19	1.13	0.87	1.37	0.96	0.86	0.88	0.59	0.60	0.65	1.19	0.32	0.58	0.78	0.49	2.69	3.06	2.34	2.72	2.36	2.39	2.40	1.99	3.71	5.37	5.37	0.32	1.68
20	2.75	1.61	2.90	2.53	2.74	2.30	2.24	2.51	2.56	2.54	2.54	3.32	2.67	2.47	2.23	2.98	4.05	2.65	2.13	2.70	2.77	4.05	2.46	3.16	4.05	1.61	2.70
21	1.80	2.65	1.21	0.98	0.43	0.54	0.95	2.10	1.80	2.13	3.19	2.80	2.35	1.84	4.36	6.50	9.08	8.35	9.66	10.38	10.54	9.73	10.51	10.62	10.62	0.43	4.77
22	11.90	12.13	12.28	12.57	14.24	12.20	11.36	10.96	12.90	11.73	13.07	11.06	11.23	8.35	9.16	8.88	10.39	7.94	10.37	6.75	4.41	2.57	1.81	2.04	14.24	1.81	9.60
23	3.00	3.99	4.77	4.35	4.53	4.17	3.54	4.84	5.87	5.66	5.62	6.45	5.46	5.65	6.13	4.96	4.92	5.34	5.78	5.57	5.39	5.82	4.67	4.74	6.45	3.00	5.05
24	4.87	5.41	5.38	4.93	5.17	5.16	4.46	5.74	6.94	6.02	6.61	4.85	5.20	5.03	3.99	4.38	4.49	4.29	4.45	4.00	3.83	2.92	3.11	3.70	6.94	2.92	4.79
25	2.33	1.83	1.90	1.41	0.67	0.81	1.05	0.57	1.36	0.74	1.14	0.71	0.51	1.29	1.81	1.68	2.03	1.55	1.51	1.22	1.84	1.93	1.35	1.46	2.33	0.51	1.36
26	1.11	0.53	0.94	0.92	1.21	1.61	1.39	1.49	1.77	1.76	1.76	1.62	1.02	0.24	0.74	0.77	0.49	0.90	0.52	1.03	1.66	1.79	1.51	0.66	1.79	0.24	1.14
27	0.66	0.97	0.29	1.26	0.74	0.70	0.48	0.77	0.66	1.23	1.09	1.59	0.99	1.55	1.62	1.68	0.84	0.69	0.57	0.83	0.81	0.77	1.11	0.85	1.68	0.29	0.95
28	0.89	1.00	1.07	1.10	0.99	0.78	0.83	1.15	1.47	0.90	0.64	1.11	2.42	1.24	2.60	0.78	1.37	1.56	1.73	0.98	0.69	1.14	1.04	0.93	2.60	0.64	1.18
29	1.59	0.80	1.10	1.16	1.41	1.09	1.60	1.26	1.92	1.71	2.54	2.96	2.17	2.80	2.40	2.86	2.94	2.84	3.29	1.82	0.99	0.79	0.86	1.18	3.29	0.79	1.84
30	1.09	0.72	1.48	1.72	1.27	1.13	1.04	0.94	2.39	1.22	1.91	0.89	0.99	1.18	1.65	1.95	1.40	1.42	2.90	1.43	0.96	1.28	1.66	1.09	2.90	0.72	1.40
31	1.09	1.59	1.70	1.12	0.65	0.84	0.63	0.67	1.40	2.07	2.63	1.13	0.77	0.66	1.54	1.89	2.36	1.71	1.44	1.56	1.93	0.87	1.53	1.21	2.63	0.63	1.37
Max	11.90	12.13	12.28	12.57	14.24	12.20	11.36	10.96	12.90	11.73	13.07	11.06	11.23	8.35	9.16	8.88	10.39	8.35	10.37	10.38	10.54	9.73	10.51	10.62	14.24		
Min	0.44	0.53	0.29	0.39	0.43	0.54	0.29	0.20	0.39	0.59	0.32	0.55	0.51	0.24	0.74	0.77	0.49	0.38	0.08	0.20	0.21	0.71	0.06	0.58		0.06	
Avg.	2.00	1.93	2.07	2.07	2.00	2.00	1.86	2.07	2.33	2.21	2.59	2.40	2.28	2.17	2.29	2.37	2.48	2.33	2.53	2.15	2.11	1.94	1.89	2.10			2.17
																									Max Daily Mean		9.60
																									Min Daily Mean		0.85

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.48	1.68	1.64	1.77	0.99	1.85	2.06	1.74	2.06	4.75	6.49	6.38	8.10	6.00	5.76	5.91	9.70	10.00	9.25	9.20	9.32	7.90	8.04	6.47	10.00	0.99	5.36
2	2.97	1.93	7.89	4.41	3.91	2.04	1.55	1.35	1.75	2.52	3.90	3.59	3.36	4.29	3.71	2.58	2.78	3.34	5.22	4.00	2.46	3.39	3.12	1.94	7.89	1.35	3.25
3	2.56	1.59	3.59	1.39	2.38	4.82	4.95	5.65	4.62	5.10	4.06	3.85	3.98	3.05	1.91	2.29	2.37	3.77	2.06	2.22	0.72	0.88	1.58	1.46	5.65	0.72	2.95
4	2.02	2.35	1.81	1.65	2.19	1.39	1.61	1.73	3.01	2.67	2.29	2.07	2.84	2.71	3.44	4.30	3.51	5.36	5.80	5.71	5.71	4.29	2.83	4.97	5.80	1.39	3.18
5	5.14	7.16	8.53	6.15	5.65	10.09	8.47	10.56	12.76	13.15	9.99	11.05	10.83	11.82	9.96	7.39	6.49	7.41	7.49	7.07	4.11	3.15	4.37	3.66	13.15	3.15	8.02
6	2.71	2.04	2.99	3.77	4.11	5.15	5.05	4.54	4.42	5.33	5.34	4.07	3.60	3.55	2.82	2.15	3.31	3.40	3.41	3.23	2.98	3.56	4.39	3.08	5.34	2.04	3.71
7	2.99	2.74	3.10	3.73	2.44	2.02	3.61	5.36	6.40	8.48	8.88	7.06	8.42	8.52	9.37	5.50	3.16	6.59	8.64	10.12	7.11	7.11	9.82	11.00	11.00	2.02	6.34
8	11.17	7.61	8.04	7.77	9.05	7.19	10.81	9.68	8.05	7.70	8.96	7.46	5.31	7.46	8.98	10.36	6.98	10.51	10.08	10.83	9.46	9.67	9.86	6.74	11.17	5.31	8.74
9	5.86	6.77	6.00	2.84	4.67	1.80	1.00	0.90	1.29	2.03	1.94	2.20	0.90	1.75	2.68	4.04	8.54	11.70	9.29	6.42	4.75	6.46	10.11	12.82	12.82	0.90	4.87
10	9.56	8.99	7.84	8.19	6.11	4.77	4.23	1.57	1.34	1.72	2.15	1.01	1.95	1.38	0.90	1.20	1.30	1.70	2.49	2.37	1.58	0.93	1.10	1.05	9.56	0.90	3.14
11	1.29	1.52	1.50	2.83	3.45	4.59	3.15	4.50	5.15	4.87	4.74	7.21	6.34	4.56	1.78	3.48	4.63	4.78	4.38	6.15	6.47	8.90	6.61	3.71	8.90	1.29	4.44
12	4.87	3.55	3.30	3.88	3.07	1.84	1.35	1.47	1.10	0.98	2.21	4.12	4.79	4.08	4.27	4.80	3.27	2.30	1.28	0.67	0.74	0.98	1.33	1.36	4.87	0.67	2.57
13	1.60	1.45	2.27	1.79	0.88	1.79	2.10	2.59	2.66	1.33	1.52	1.51	1.43	1.65	0.87	0.98	2.89	3.50	1.40	1.87	1.32	2.78	3.18	1.41	3.50	0.87	1.87
14	1.90	1.35	3.18	2.51	1.61	0.59	1.07	1.37	2.19	1.03	3.97	2.02	0.73	0.79	1.57	2.30	1.11	1.04	0.97	1.05	0.95	1.47	1.33	1.06	3.97	0.59	1.55
15	1.78	1.95	2.28	3.90	3.05	4.66	4.24	3.29	2.36	4.89	7.63	6.78	1.80	2.42	1.27	1.46	2.58	5.56	4.28	2.82	4.26	3.99	3.00	2.06	7.63	1.27	3.43
16	1.46	1.19	1.96	2.07	1.23	1.77	1.80	1.18	1.11	1.08	1.10	2.51	1.26	2.05	1.95	2.47	1.85	1.53	1.92	1.65	1.81	2.04	1.41	0.73	2.51	0.73	1.63
17	1.82	1.53	1.62	2.01	1.34	1.68	1.44	1.57	1.16	1.22	1.35	1.13	0.88	1.52	1.91	2.39	2.28	1.50	1.12	1.11	1.39	1.08	0.60	0.97	2.39	0.60	1.44
18	1.31	0.64	1.09	1.19	1.41	1.17	1.29	1.12	1.08	0.68	0.89	2.75	3.87	2.39	2.61	3.13	4.73	4.59	3.10	3.14	2.30	2.10	1.70	2.35	4.73	0.64	2.11
19	3.51	3.29	3.82	3.28	3.80	4.28	3.25	2.96	2.22	1.54	1.29	1.26	3.45	3.98	4.86	4.84	5.83	6.00	6.70	6.03	6.02	6.28	5.94	5.56	6.70	1.26	4.17
20	5.42	6.31	6.11	6.18	5.71	6.25	6.74	6.40	8.17	9.67	10.64	13.13	13.15	11.19	11.13	10.60	11.29	10.65	10.39	10.28	8.25	6.68	2.31	3.78	13.15	2.31	8.35
21	1.86	1.79	1.76	2.59	2.32	2.47	1.64	1.44	1.36	2.13	0.64	0.82	0.37	0.48	0.58	0.74	0.43	1.27	1.45	0.58	1.71	1.25	2.03	1.03	2.59	0.37	1.36
22	1.28	1.86	1.78	1.04	0.65	1.88	1.14	0.59	0.53	1.94	1.25	0.54	0.76	1.13	1.09	0.51	0.57	0.51	0.90	1.48	1.28	1.51	2.35	1.01	2.35	0.51	1.15
23	1.17	1.48	1.21	1.11	1.34	0.99	0.88	1.13	1.19	1.81	2.01	2.51	2.17	2.08	2.01	1.73	1.78	1.19	1.56	1.43	2.08	0.86	1.35	1.21	2.51	0.86	1.51
24	0.59	0.60	0.83	0.79	1.85	1.90	0.76	0.87	1.55	1.01	0.29	0.46	1.77	2.09	2.54	2.19	3.36	3.81	2.33	2.99	2.23	2.07	1.41	1.20	3.81	0.29	1.65
25	1.54	1.96	2.70	1.72	0.88	0.42	1.48	1.59	0.40	0.53	0.60	0.66	0.67	0.82	1.07	1.17	0.32	1.05	1.65	1.84	2.22	3.75	1.96	2.05	3.75	0.32	1.38
26	3.23	3.24	3.62	4.08	4.38	3.92	3.76	3.96	3.32	2.14	2.14	2.38	1.98	1.22	1.36	1.54	0.83	1.39	1.89	2.53	3.83	2.70	3.33	4.56	4.56	0.83	2.81
27	5.24	5.11	3.69	4.01	5.05	4.44	4.88	4.52	2.72	1.56	1.32	0.64	0.56	1.30	0.60	1.70	2.83	3.44	3.50	4.38	4.44	4.89	4.69	4.28	5.24	0.56	3.32
28	3.45	3.33	2.66	2.51	2.43	2.24	0.93	0.61	1.07	2.02	3.31	3.25	2.46	4.16	5.24	7.26	7.95	8.04	7.81	7.07	3.53	5.51	5.32	5.34	8.04	0.61	4.06
29	5.69	4.37	3.74	4.41	2.57	3.33	3.84	2.72	2.78	2.17	3.00	3.06	3.36	2.51	2.11	2.83	2.91	1.79	2.20	2.06	1.43	3.63	3.13	2.76	5.69	1.43	3.02
Max	11.17	8.99	8.53	8.19	9.05	10.09	10.81	10.56	12.76	13.15	10.64	13.13	13.15	11.82	11.13	10.60	11.29	11.70	10.39	10.83	9.46	9.67	10.11	12.82	13.15		
Min	0.59	0.60	0.83	0.79	0.65	0.42	0.76	0.59	0.40	0.53	0.29	0.46	0.37	0.48	0.58	0.51	0.32	0.51	0.90	0.58	0.72	0.86	0.60	0.73		0.29	
Avg.	3.29	3.08	3.47	3.23	3.05	3.15	3.07	3.00	3.03	3.31	3.58	3.64	3.49	3.48	3.39	3.51	3.78	4.40	4.23	4.15	3.60	3.79	3.73	3.44			3.50
																									Max Daily Mean		8.74
																									Min Daily Mean		1.15

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	3.58	3.71	3.13	3.23	3.22	3.62	3.75	2.89	2.67	2.78	4.78	3.91	5.30	6.05	6.63	6.56	6.09	6.82	2.55	1.84	2.34	1.62	2.34	2.95	6.82	1.62	3.85
2	3.58	4.27	3.93	3.02	2.76	3.45	4.29	4.23	3.76	3.41	3.78	3.47	3.37	2.82	3.59	3.72	4.16	1.66	1.39	1.77	2.80	2.88	0.98	1.57	4.29	0.98	3.11
3	1.56	1.42	2.18	1.65	2.13	2.47	0.84	1.97	3.32	2.90	3.50	3.36	2.79	1.80	1.45	0.82	1.58	1.58	2.59	2.32	1.09	1.34	2.44	3.30	3.50	0.82	2.10
4	3.35	3.42	2.65	0.64	1.71	1.61	1.64	2.00	2.01	2.56	2.56	2.12	2.65	2.65	2.66	2.13	2.57	1.64	2.46	3.00	1.36	0.76	0.75	0.49	3.42	0.49	2.06
5	1.23	0.85	1.21	1.03	0.90	1.60	1.20	1.00	0.70	0.69	1.48	3.20	2.32	5.01	5.68	6.34	6.11	5.15	4.67	3.99	1.99	1.18	1.08	1.87	6.34	0.69	2.52
6	2.25	1.81	2.12	1.12	1.54	1.50	1.30	2.14	3.34	6.16	6.30	5.10	4.32	4.71	3.12	4.68	4.13	3.75	5.59	5.71	5.46	4.48	4.18	4.47	6.30	1.12	3.72
7	3.53	3.61	2.86	2.15	0.65	0.33	0.21	0.30	0.53	0.30	0.52	0.21	0.35	0.90	2.28	1.05	1.47	1.65	1.42	0.55	0.19	0.56	0.73	1.32	3.61	0.19	1.15
8	0.94	1.01	0.93	0.75	0.90	0.51	0.73	0.82	1.02	0.99	1.02	3.53	6.07	4.88	4.28	3.59	3.41	4.06	2.25	1.68	2.16	3.52	3.68	3.87	6.07	0.51	2.36
9	3.76	3.54	4.44	3.16	3.47	3.08	2.54	1.97	2.58	3.63	3.54	2.67	3.54	3.39	3.55	1.61	1.26	0.85	3.44	3.59	3.40	2.24	1.65	2.85	4.44	0.85	2.91
10	2.14	1.33	1.26	1.17	1.84	1.74	1.99	1.95	1.95	1.61	2.58	2.73	2.66	3.26	2.52	2.77	2.75	2.88	3.09	3.52	3.55	3.37	1.47	1.46	3.55	1.17	2.32
11	1.83	0.97	1.04	0.13	0.74	0.27	0.42	0.40	0.14	0.62	0.45	0.38	1.50	1.65	2.17	2.32	2.32	2.67	2.39	2.39	2.43	1.22	1.26	1.44	2.67	0.13	1.30
12	1.49	0.98	0.60	0.59	0.32	0.49	0.18	0.54	0.48	0.71	0.88	0.94	1.81	3.04	3.46	4.45	5.34	6.26	6.84	8.91	4.30	3.86	3.55	2.89	8.91	0.18	2.62
13	3.24	3.89	3.57	3.47	3.25	3.21	3.25	2.32	2.73	3.26	5.60	7.39	8.38	9.05	9.93	9.05	9.51	11.67	11.35	8.40	7.46	6.54	7.02	7.34	11.67	2.32	6.29
14	5.40	4.78	4.33	4.18	3.82	4.25	4.22	5.00	5.10	5.43	4.30	4.81	4.92	4.54	6.04	4.54	5.80	6.89	6.71	6.74	5.99	5.85	4.25	2.45	6.89	2.45	5.01
15	2.68	4.50	4.67	3.19	4.62	4.87	4.47	3.38	3.05	4.15	3.88	4.68	6.09	6.29	6.77	8.07	8.06	7.60	7.85	6.66	4.83	3.61	2.61	2.46	8.07	2.46	4.96
16	3.77	4.15	4.23	2.80	2.60	4.19	5.55	4.38	4.09	3.78	4.60	3.38	3.77	3.52	2.82	2.52	3.13	3.63	3.22	2.79	2.94	3.54	2.80	1.64	5.55	1.64	3.49
17	0.82	0.95	1.38	1.12	0.81	0.84	1.79	1.81	0.68	0.94	1.83	2.09	1.02	0.96	1.62	2.61	2.56	2.75	2.34	1.98	1.35	0.91	0.49	0.41	2.75	0.41	1.42
18	0.42	0.80	0.46	0.72	0.66	0.64	0.49	0.23	0.98	0.51	0.79	0.68	0.75	1.05	1.04	1.43	2.48	2.52	2.71	2.18	0.72	0.94	0.70	0.64	2.71	0.23	1.02
19	0.52	0.60	0.73	0.67	0.66	1.07	1.38	1.86	0.90	1.21	0.29	0.91	0.63	1.86	2.09	2.66	2.29	1.49	1.21	2.26	1.67	1.83	1.41	2.61	2.66	0.29	1.37
20	3.79	2.60	2.63	2.04	2.72	1.96	2.00	1.96	2.19	2.08	2.35	2.04	1.80	2.35	2.65	2.79	1.96	3.16	2.57	3.26	4.28	4.42	6.35	4.02	6.35	1.80	2.83
21	3.99	4.28	4.09	4.38	3.78	2.58	2.90	2.20	1.55	2.93	1.47	1.25	1.87	2.62	3.92	4.98	5.59	5.31	5.31	4.56	3.69	2.53	2.59	2.71	5.59	1.25	3.38
22	2.81	2.03	1.76	0.97	0.69	1.26	0.65	0.68	1.15	2.05	1.31	1.25	1.17	1.27	1.43	1.43	1.39	1.64	1.18	1.57	1.04	0.55	0.76	2.31	2.81	0.55	1.35
23	3.18	3.38	3.80	3.81	3.00	3.43	2.91	3.29	2.52	3.00	4.41	5.76	6.38	3.82	2.44	2.60	3.22	4.54	2.34	2.56	1.52	1.06	2.20	2.78	6.38	1.06	3.25
24	2.73	1.70	0.94	1.68	2.74	1.55	2.09	1.48	1.06	0.86	0.95	0.99	0.80	0.97	1.00	0.97	0.59	0.39	0.56	3.46	4.58	3.05	1.23	1.98	4.58	0.39	1.60
25	1.63	1.22	1.88	1.82	1.10	1.45	0.53	0.88	1.19	1.28	0.89	1.92	2.05	2.24	1.26	1.52	1.67	1.47	0.46	0.74	0.48	0.73	1.25	1.64	2.24	0.46	1.30
26	0.65	0.49	0.79	0.82	1.12	0.81	1.63	1.76	1.20	3.86	2.94	3.09	2.73	2.00	2.10	1.64	1.15	0.83	1.02	1.39	0.97	0.98	1.51	1.51	3.86	0.49	1.54
27	1.22	1.49	0.86	1.09	1.45	2.29	2.13	2.94	3.39	3.48	3.91	4.09	4.69	3.14	4.30	6.25	7.04	7.11	6.48	5.76	5.06	5.40	7.06	5.90	7.11	0.86	4.02
28	5.13	3.97	3.91	4.84	6.11	4.82	3.98	5.06	4.88	6.30	6.69	6.43	7.27	5.58	6.09	6.89	8.01	7.33	6.69	5.79	6.05	5.77	2.33	2.38	8.01	2.33	5.51
29	3.26	2.76	3.30	3.75	3.42	3.26	2.51	3.87	4.03	3.29	2.47	1.38	5.18	5.91	6.24	6.87	7.12	7.34	5.61	3.77	7.67	5.71	1.76	2.24	7.67	1.38	4.28
30	1.88	1.52	2.12	2.49	3.40	3.09	2.83	3.42	3.26	2.22	1.69	2.51	3.38	4.48	5.00	5.48	5.38	1.08	2.50	2.23	1.45	1.46	1.44	1.98	5.48	1.08	2.76
31	1.98	1.81	0.81	0.39	0.47	0.72	0.49	0.41	0.21	0.61	0.68	1.29	0.96	1.18	1.34	1.54	1.04	1.00	2.46	2.57	2.93	1.68	2.06	1.40	2.93	0.21	1.25
Max	5.40	4.78	4.67	4.84	6.11	4.87	5.55	5.06	5.10	6.30	6.69	7.39	8.38	9.05	9.93	9.05	9.51	11.67	11.35	8.91	7.67	6.54	7.06	7.34	11.67		
Min	0.42	0.49	0.46	0.13	0.32	0.27	0.18	0.23	0.14	0.30	0.29	0.21	0.35	0.90	1.00	0.82	0.59	0.39	0.46	0.55	0.19	0.55	0.49	0.41		0.13	
Avg.	2.53	2.38	2.34	2.03	2.15	2.16	2.09	2.17	2.15	2.50	2.66	2.82	3.24	3.32	3.53	3.67	3.84	3.77	3.59	3.48	3.09	2.70	2.38	2.48			2.80
																									Max Daily Mean		6.29
																									Min Daily Mean		1.02

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.12	0.49	0.45	0.68	0.58	0.43	0.94	0.38	0.53	0.83	1.61	1.44	2.01	2.72	3.26	3.04	3.07	2.74	1.70	1.42	2.34	2.61	1.78	2.02	3.26	0.38	1.59
2	2.40	2.63	3.75	3.66	2.93	3.90	3.91	4.10	4.10	4.20	4.70	3.10	2.85	3.45	3.95	2.56	2.49	2.23	2.12	1.80	1.82	3.06	2.79	3.50	4.70	1.80	3.17
3	3.71	2.64	2.33	1.02	0.72	1.41	0.47	0.54	0.68	0.93	0.87	1.16	1.51	1.86	1.41	2.19	1.90	1.54	1.27	0.76	0.98	0.84	0.82	0.67	3.71	0.47	1.34
4	1.06	0.92	0.69	1.09	1.07	0.93	0.59	0.69	1.62	1.59	1.99	2.62	2.48	2.17	2.30	1.33	1.10	0.76	0.72	1.02	1.51	0.68	1.11	2.42	2.62	0.59	1.35
5	1.28	2.29	2.61	2.55	2.12	3.04	3.36	3.38	3.44	2.98	2.53	2.24	1.16	1.03	0.88	0.95	1.53	2.03	1.21	0.97	2.48	1.33	0.94	1.20	3.44	0.88	1.98
6	0.60	1.03	0.83	1.51	0.79	1.12	1.25	0.79	3.77	3.85	3.22	3.50	3.60	3.28	3.36	3.00	3.30	2.65	1.99	1.40	1.46	1.95	1.73	1.72	3.85	0.60	2.15
7	0.61	0.84	0.64	0.87	1.29	0.83	0.77	0.79	1.18	1.12	0.80	1.23	0.97	1.41	1.61	2.52	1.32	1.50	1.03	2.20	3.09	2.56	1.76	2.46	3.09	0.61	1.39
8	1.85	0.85	2.10	2.66	3.53	3.93	2.90	2.29	3.17	2.14	2.48	1.24	1.06	1.28	2.74	3.13	3.96	4.39	4.32	6.16	5.23	4.49	3.40	3.25	6.16	0.85	3.02
9	2.10	1.84	2.27	3.32	2.84	3.67	3.30	2.90	2.24	3.23	2.89	3.16	2.47	1.48	1.62	1.29	1.44	1.48	1.75	1.79	1.69	1.01	0.94	2.71	3.67	0.94	2.23
10	2.72	2.81	3.31	3.60	4.18	4.98	4.18	3.69	2.62	1.21	3.66	6.79	6.48	5.34	2.20	3.08	3.44	2.01	1.98	2.91	5.27	3.51	2.68	3.77	6.79	1.21	3.60
11	2.09	1.28	2.25	3.05	3.48	2.71	3.62	3.52	2.32	1.32	1.96	3.85	4.42	6.06	6.83	5.38	5.21	7.02	7.20	7.73	3.46	1.79	2.29	2.15	7.73	1.28	3.79
12	2.50	2.65	2.96	2.86	2.67	2.00	2.19	3.09	3.24	2.94	2.04	2.14	2.47	3.82	4.16	4.50	6.41	6.79	7.11	7.88	5.94	4.59	3.72	2.22	7.88	2.00	3.79
13	3.22	1.90	3.52	3.32	2.66	2.79	2.59	1.98	2.19	3.82	4.14	5.37	5.11	6.27	7.80	8.06	7.97	6.93	6.57	7.21	5.04	4.90	5.56	6.49	8.06	1.90	4.81
14	7.45	6.35	5.08	3.65	4.20	5.18	4.93	4.44	5.68	6.37	5.11	5.63	5.86	6.04	6.21	6.93	5.45	5.32	5.72	6.69	6.97	5.27	3.91	4.44	7.45	3.65	5.54
15	4.62	4.14	4.20	4.04	3.86	3.95	2.96	4.63	5.58	3.27	2.35	2.81	3.73	4.14	3.96	3.64	3.18	3.48	2.75	2.06	3.29	3.54	3.73	3.24	5.58	2.06	3.63
16	3.12	2.53	1.69	2.72	2.22	1.86	3.30	2.33	2.32	4.05	5.10	6.01	5.33	3.44	3.12	4.66	4.53	5.56	5.36	4.76	4.76	5.23	3.61	3.30	6.01	1.69	3.79
17	2.01	2.24	1.61	2.47	3.25	3.16	2.80	2.15	3.94	2.37	1.52	2.28	1.93	2.83	3.84	2.64	2.74	2.09	4.04	2.62	2.86	2.19	0.44	0.21	4.04	0.21	2.43
18	0.44	0.44	0.60	0.97	0.95	0.75	0.75	0.85	0.55	1.37	2.46	2.32	1.23	3.21	3.66	3.25	5.86	4.19	4.20	2.15	1.85	1.78	1.28	0.82	5.86	0.44	1.91
19	0.37	0.64	1.42	0.97	1.10	1.14	1.78	2.49	2.78	2.99	3.29	2.83	2.22	3.29	2.13	3.83	4.05	4.54	5.27	6.07	8.20	8.94	5.97	2.56	8.94	0.37	3.29
20	2.66	2.31	1.54	2.34	2.25	2.00	1.22	0.69	1.14	1.03	0.95	1.39	5.33	3.26	3.41	2.03	1.26	1.00	2.30	4.76	3.35	1.96	0.77	0.45	5.33	0.45	2.06
21	1.02	0.77	0.93	0.59	1.10	0.92	1.25	0.65	0.78	0.60	1.84	3.12	1.21	4.62	2.24	1.94	2.76	3.33	1.30	1.83	1.57	1.09	0.99	0.64	4.62	0.59	1.55
22	0.86	0.71	0.66	0.87	0.61	0.67	0.85	1.00	0.94	1.45	1.86	1.33	2.08	1.99	1.87	2.74	3.52	2.16	2.09	1.87	1.30	1.84	1.36	0.58	3.52	0.58	1.47
23	1.68	1.70	1.33	1.15	0.98	1.14	1.33	0.39	0.77	1.20	1.53	1.04	1.66	2.56	2.47	1.27	2.27	3.40	5.40	1.68	1.54	1.90	1.56	2.44	5.40	0.39	1.77
24	1.88	1.94	2.55	2.40	2.64	2.79	2.77	1.68	2.92	3.13	3.97	3.57	3.76	2.36	3.04	4.61	2.49	4.63	6.07	6.35	6.69	6.47	4.17	1.01	6.69	1.01	3.50
25	1.09	1.30	1.20	1.27	1.62	1.75	1.70	1.89	2.39	3.49	3.72	3.26	2.10	3.49	3.27	2.11	3.39	4.16	5.26	5.27	5.86	3.86	1.72	1.64	5.86	1.09	2.78
26	1.56	2.01	2.39	2.36	2.57	1.95	2.53	2.79	2.16	2.66	3.58	3.20	4.47	3.62	3.29	3.36	4.58	3.04	4.51	5.99	8.99	7.92	3.42	2.23	8.99	1.56	3.55
27	3.66	2.86	2.32	1.83	2.43	2.35	2.16	2.77	3.02	2.64	3.16	3.03	1.70	2.18	2.73	2.73	4.48	2.30	1.26	2.42	2.31	2.51	1.82	0.84	4.48	0.84	2.48
28	0.78	1.56	1.48	1.23	0.78	0.87	0.91	0.84	1.21	3.09	3.45	2.77	2.85	2.87	1.55	2.51	1.11	1.63	1.78	2.10	2.94	1.60	1.26	2.37	3.45	0.78	1.81
29	0.95	1.78	1.21	1.43	1.19	1.15	1.31	0.76	0.97	1.31	1.30	1.92	3.90	2.01	7.81	3.29	1.58	3.94	4.91	3.55	1.94	0.79	0.79	0.86	7.81	0.76	2.11
30	1.08	0.49	1.05	1.46	1.91	1.70	1.74	1.15	1.38	1.53	2.48	2.31	2.93	3.69	3.43	4.04	4.17	3.41	3.28	2.99	2.76	2.95	2.40	2.04	4.17	0.49	2.35
Max	7.45	6.35	5.08	4.04	4.20	5.18	4.93	4.63	5.68	6.37	5.11	6.79	6.48	6.27	7.81	8.06	7.97	7.02	7.20	7.88	8.99	8.94	5.97	6.49	8.99		
Min	0.37	0.44	0.45	0.59	0.58	0.43	0.47	0.38	0.53	0.60	0.80	1.04	0.97	1.03	0.88	0.95	1.10	0.76	0.72	0.76	0.98	0.68	0.44	0.21		0.21	
Avg.	2.02	1.86	1.97	2.06	2.08	2.17	2.15	1.99	2.32	2.42	2.69	2.89	2.96	3.19	3.34	3.22	3.35	3.34	3.48	3.55	3.58	3.11	2.29	2.14			2.67
																									Max Daily Mean		5.54
																									Min Daily Mean		1.34

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.91	2.74	3.21	2.84	2.53	2.77	2.61	Audit	Audit	Audit	3.27	3.06	3.58	3.11	3.91	3.53	3.69	3.87	3.75	3.58	3.60	3.08	2.98	3.25	3.91	1.91	3.18
2	3.61	2.64	2.48	2.02	2.37	3.27	3.04	2.88	2.67	2.89	2.59	2.05	1.63	2.44	2.29	2.38	2.27	1.97	2.08	1.61	0.92	1.64	1.18	1.21	3.61	0.92	2.26
3	0.26	0.47	2.37	1.57	2.10	1.95	3.05	3.10	4.75	4.38	3.85	1.41	1.87	1.76	2.52	2.09	1.80	1.50	0.87	1.47	1.21	3.22	2.05	1.04	4.75	0.26	2.11
4	0.70	1.04	1.56	0.71	0.84	1.04	0.77	0.76	0.68	1.15	1.73	1.73	1.86	1.80	2.37	2.04	2.67	2.22	1.91	5.19	2.14	2.28	1.12	1.00	5.19	0.68	1.64
5	1.48	2.02	1.93	1.06	0.90	1.24	0.87	1.05	1.25	2.26	4.90	3.71	3.25	3.40	5.00	6.46	6.31	7.11	6.04	3.69	3.64	3.61	1.66	2.15	7.11	0.87	3.12
6	1.07	1.50	1.10	3.06	7.51	7.97	9.29	10.07	10.03	10.57	10.20	8.48	6.72	9.15	7.58	7.40	8.34	7.81	7.46	6.00	6.05	4.79	4.58	2.41	10.57	1.07	6.63
7	3.39	4.08	3.08	1.81	2.44	1.87	1.38	1.74	1.76	1.29	2.65	1.81	2.44	3.33	6.81	3.48	1.08	5.16	7.61	8.26	3.28	3.23	4.20	2.47	8.26	1.08	3.28
8	2.48	1.57	1.83	2.91	3.11	2.16	2.47	2.78	2.89	3.05	2.95	3.18	3.68	4.00	4.32	4.45	4.67	4.05	3.95	3.06	2.10	1.42	1.91	2.25	4.67	1.42	2.97
9	2.05	0.75	0.98	0.60	0.30	0.11	0.38	0.70	0.96	1.87	1.49	1.77	1.93	2.44	2.32	2.31	2.14	1.81	1.05	1.61	1.22	2.49	2.75	2.59	2.75	0.11	1.53
10	1.18	0.68	1.29	0.89	1.40	1.09	2.02	2.17	2.20	3.40	3.75	3.24	3.22	3.53	3.28	2.98	2.34	2.14	3.16	2.85	3.26	2.39	1.95	1.83	3.75	0.68	2.34
11	1.66	1.23	1.50	1.59	2.02	1.22	1.78	3.15	3.68	2.82	3.37	5.04	5.96	7.66	7.96	6.89	5.48	3.84	3.13	3.07	2.17	2.40	1.17	1.89	7.96	1.17	3.36
12	0.78	2.12	3.65	3.28	1.95	2.38	1.63	2.85	6.14	7.29	6.79	6.33	5.77	6.79	4.74	5.98	4.16	4.56	4.11	2.59	2.13	3.97	5.71	5.04	7.29	0.78	4.20
13	3.91	4.76	4.42	3.15	2.80	2.44	3.20	3.22	3.29	3.77	4.39	4.59	4.55	4.41	5.62	4.85	4.74	4.57	4.91	4.65	4.07	2.52	2.44	0.92	5.62	0.92	3.84
14	1.29	1.14	1.16	2.19	1.58	1.79	2.81	2.85	2.11	1.26	1.98	2.46	3.66	5.70	2.58	1.66	1.28	1.66	3.09	2.92	2.55	3.88	3.23	3.20	5.70	1.14	2.42
15	1.56	2.24	2.61	3.14	2.48	1.77	1.41	1.54	2.16	1.83	2.20	2.57	2.73	2.81	2.23	3.60	3.35	3.28	3.54	3.40	2.05	1.41	2.39	3.15	3.60	1.41	2.48
16	2.56	1.35	0.77	1.10	1.17	1.27	1.04	1.63	1.83	1.12	1.34	1.49	1.39	1.70	2.27	3.84	2.90	2.32	2.35	5.37	2.30	1.13	1.68	2.69	5.37	0.77	1.94
17	1.90	1.16	1.38	2.02	1.86	2.63	3.07	2.47	2.35	3.76	2.29	2.05	2.57	1.74	4.00	2.87	2.57	2.91	1.65	1.44	1.50	1.19	2.54	2.45	4.00	1.16	2.27
18	2.11	1.36	1.58	2.46	1.94	1.80	2.41	1.92	2.59	3.46	2.64	1.28	1.75	3.31	3.64	3.36	2.70	4.45	5.60	2.97	1.55	1.22	1.75	1.26	5.60	1.22	2.46
19	1.17	1.05	0.84	1.07	0.92	0.99	0.75	1.19	1.15	1.42	2.28	2.97	4.20	2.63	2.85	3.88	3.96	2.19	4.65	3.81	2.70	1.60	1.43	3.06	4.65	0.75	2.20
20	1.92	0.90	0.80	0.25	0.63	0.51	0.56	0.59	1.01	2.30	1.90	3.49	2.53	1.94	1.98	1.99	1.86	1.92	1.18	3.08	4.55	4.80	4.00	1.12	4.80	0.25	1.91
21	1.11	1.61	0.80	1.27	1.45	5.46	6.42	6.73	6.13	5.98	5.00	3.84	2.92	2.80	3.62	3.93	4.94	3.89	5.97	6.48	6.13	5.06	6.00	5.57	6.73	0.80	4.30
22	6.01	5.17	5.31	5.64	4.25	7.17	6.81	7.63	7.05	5.48	5.93	4.58	2.68	2.81	2.54	2.25	3.60	3.07	3.56	3.68	2.96	3.05	3.55	1.97	7.63	1.97	4.45
23	2.82	1.83	2.72	1.68	2.15	1.24	0.56	0.74	0.93	1.06	0.63	0.61	0.95	0.98	4.27	2.38	2.59	2.79	1.90	1.44	1.61	2.02	0.73	1.21	4.27	0.56	1.66
24	1.73	0.50	0.91	0.96	0.53	1.29	0.52	0.76	0.34	0.45	1.80	1.65	2.48	2.47	1.47	1.63	1.69	1.36	1.28	1.82	3.01	2.76	2.70	2.89	3.01	0.34	1.54
25	3.66	1.92	1.22	0.63	1.11	0.64	1.30	2.13	1.85	1.84	2.51	3.08	1.79	1.02	2.82	2.83	2.32	3.43	3.28	3.48	1.99	1.71	0.77	0.92	3.66	0.63	2.01
26	1.55	0.93	1.17	1.30	1.42	2.64	2.35	2.40	2.86	2.31	1.98	1.74	1.94	1.87	6.26	1.84	0.96	3.39	2.03	1.27	0.76	0.72	1.57	1.13	6.26	0.72	1.93
27	1.10	1.59	1.03	2.10	2.42	3.03	2.27	2.17	2.01	2.55	2.26	3.37	3.37	2.25	2.92	2.99	3.34	3.30	3.61	3.83	4.15	3.11	2.41	1.31	4.15	1.03	2.60
28	1.12	0.76	0.83	0.88	0.86	0.69	1.20	1.69	0.62	2.18	1.70	1.26	1.79	2.78	2.07	3.56	2.29	2.78	2.99	2.90	2.62	2.68	2.21	2.86	3.56	0.62	1.89
29	1.76	2.22	1.87	1.57	2.72	3.52	2.49	4.69	4.86	2.75	3.27	5.47	3.11	1.66	3.65	3.88	2.72	1.75	2.25	3.10	1.62	1.45	1.48	0.60	5.47	0.60	2.69
30	0.98	2.28	2.59	3.34	2.99	2.35	4.07	7.72	6.13	4.07	3.24	2.31	1.58	2.73	3.89	2.32	1.35	1.15	1.67	1.57	1.03	1.23	1.97	1.14	7.72	0.98	2.65
31	1.14	0.53	1.34	1.17	1.05	0.84	1.70	2.16	2.04	2.05	3.25	2.83	5.45	3.44	5.61	2.79	2.98	2.75	2.71	2.04	1.99	2.19	2.64	3.63	5.61	0.53	2.43
Max	6.01	5.17	5.31	5.64	7.51	7.97	9.29	10.07	10.03	10.57	10.20	8.48	6.72	9.15	7.96	7.40	8.34	7.81	7.61	8.26	6.13	5.06	6.00	5.57	10.57		
Min	0.26	0.47	0.77	0.25	0.30	0.11	0.38	0.59	0.34	0.45	0.63	0.61	0.95	0.98	1.47	1.63	0.96	1.15	0.87	1.27	0.76	0.72	0.73	0.60		0.11	
Avg.	1.93	1.75	1.88	1.88	1.99	2.23	2.39	2.85	2.94	3.02	3.17	3.01	3.01	3.18	3.79	3.43	3.13	3.19	3.33	3.30	2.61	2.52	2.48	2.20			2.72
																									Max Daily Mean		6.63
																									Min Daily Mean		1.53

Total Hours in month: **744** **Hours Data Available:** **741** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	2.79	0.88	2.16	1.96	2.66	2.57	1.74	1.09	1.88	2.06	1.85	1.21	1.41	2.18	2.89	3.50	4.02	3.36	1.86	3.99	2.37	1.18	1.26	1.36	4.02	0.88	2.18
2	0.74	1.46	0.98	1.36	2.43	2.81	1.64	1.87	1.70	0.52	0.60	0.88	2.02	2.34	1.79	2.37	1.97	1.44	1.74	1.79	2.20	2.12	1.51	1.62	2.81	0.52	1.66
3	2.04	2.34	2.08	2.06	2.17	0.46	0.36	1.31	2.40	2.56	3.07	3.58	3.26	4.29	2.88	2.51	2.94	3.10	2.80	4.22	3.02	2.34	1.96	2.89	4.29	0.36	2.53
4	2.18	1.10	1.37	2.76	2.17	1.80	2.27	1.23	1.15	1.04	2.18	2.51	1.37	1.90	1.79	5.22	4.53	3.72	5.39	7.63	4.85	2.07	2.16	1.71	7.63	1.04	2.67
5	2.31	2.28	5.17	4.88	3.82	5.01	4.87	7.26	5.22	1.72	2.26	4.64	5.14	2.80	3.76	6.21	7.14	2.38	1.81	4.12	4.06	3.56	4.30	7.05	7.26	1.72	4.24
6	8.31	6.63	6.23	5.67	3.65	3.64	3.30	1.28	2.24	1.87	2.66	1.72	2.98	3.48	3.33	2.90	2.90	1.66	1.62	1.25	1.94	3.46	3.02	2.51	8.31	1.25	3.26
7	1.59	2.13	2.17	1.62	2.77	2.61	2.81	2.50	2.15	2.82	2.51	3.22	2.53	3.10	3.84	5.16	3.75	1.87	1.01	0.46	1.04	1.77	2.62	2.04	5.16	0.46	2.42
8	1.25	1.71	1.63	1.53	1.83	1.37	1.78	1.73	4.54	4.47	3.27	4.03	5.65	5.30	6.11	6.01	3.35	2.25	2.65	2.83	2.77	2.02	3.02	4.91	6.11	1.25	3.17
9	3.57	1.01	2.83	4.98	2.13	2.08	1.79	1.74	2.33	2.99	3.66	3.20	2.90	3.81	3.42	2.47	1.72	1.50	1.63	2.64	2.66	1.98	2.45	1.63	4.98	1.01	2.55
10	1.36	1.18	1.02	0.86	1.02	0.58	0.98	1.57	1.44	2.21	1.52	1.75	2.32	3.78	2.37	2.50	1.23	4.43	3.36	2.66	0.70	1.13	1.22	1.80	4.43	0.58	1.79
11	4.10	7.37	2.00	1.31	1.39	0.92	1.13	1.00	0.66	1.82	1.42	1.42	3.05	4.15	3.77	3.38	4.03	4.84	4.20	4.89	4.84	3.89	2.43	3.00	7.37	0.66	2.96
12	1.95	1.20	1.76	3.36	6.10	1.24	1.41	1.35	1.07	1.85	3.48	3.07	3.39	2.99	3.40	4.20	3.30	3.12	4.74	3.46	3.36	2.87	3.16	3.11	6.10	1.07	2.87
13	2.41	1.53	1.89	1.72	1.42	1.83	1.41	0.31	0.73	0.98	1.20	0.66	0.68	0.78	1.00	0.82	0.61	1.31	2.25	2.93	1.99	0.79	0.49	0.42	2.93	0.31	1.26
14	1.36	1.66	0.56	0.54	0.58	0.71	0.95	0.64	0.56	0.69	1.05	0.99	1.52	3.73	2.83	5.01	3.12	3.72	2.07	1.91	3.51	2.25	2.62	1.86	5.01	0.54	1.85
15	2.31	1.72	1.17	1.59	0.96	1.61	1.42	0.92	0.96	0.93	4.45	1.51	2.67	2.89	6.04	2.23	1.87	3.88	4.95	3.28	3.31	3.20	3.04	4.63	6.04	0.92	2.56
16	3.12	2.30	4.19	4.97	5.01	5.29	5.57	6.36	6.05	5.45	5.89	3.37	4.10	2.30	1.32	3.21	3.29	3.41	2.62	3.22	2.61	1.86	2.85	1.88	6.36	1.32	3.76
17	1.70	2.24	1.71	1.05	1.05	1.27	1.85	2.52	2.05	2.51	3.25	3.70	4.59	4.51	4.58	6.28	3.79	2.59	2.78	1.08	1.28	0.55	1.00	1.47	6.28	0.55	2.48
18	1.15	0.45	0.90	1.02	0.93	0.73	0.77	0.71	1.02	1.40	1.56	1.94	2.90	2.05	4.61	3.22	1.72	1.99	1.96	1.81	2.00	2.94	3.67	1.46	4.61	0.45	1.79
19	1.57	0.47	0.70	1.50	0.85	1.12	0.71	1.05	0.39	0.61	1.19	1.80	2.21	3.48	4.54	3.04	3.25	2.53	2.96	2.87	2.88	3.00	2.80	1.51	4.54	0.39	1.96
20	0.81	0.46	1.18	0.88	0.73	1.31	1.07	1.56	1.89	2.31	2.75	2.43	1.73	5.78	3.48	1.32	5.36	3.41	3.97	2.20	2.55	2.05	2.51	1.26	5.78	0.46	2.21
21	1.81	0.88	1.60	1.04	0.99	1.05	1.04	1.16	1.50	0.48	0.56	1.06	1.79	2.25	2.24	1.80	1.96	2.37	2.01	2.03	2.05	1.41	0.92	0.47	2.37	0.47	1.44
22	1.15	0.71	1.04	1.17	0.85	0.41	1.20	1.16	1.25	1.14	0.64	1.36	2.57	2.72	3.27	3.22	3.03	2.77	1.96	1.17	1.75	2.86	1.74	1.86	3.27	0.41	1.71
23	1.72	1.51	1.18	1.69	1.83	1.18	1.50	1.79	1.18	0.84	1.58	1.68	1.76	1.84	2.90	2.15	9.50	5.73	2.45	2.03	2.16	3.28	4.13	1.29	9.50	0.84	2.37
24	1.49	1.44	1.84	2.17	0.79	0.78	1.05	1.52	1.76	2.85	3.47	2.89	3.47	2.96	3.14	4.03	3.53	3.82	3.09	4.98	3.40	3.48	2.79	3.15	4.98	0.78	2.66
25	2.74	3.15	3.54	3.74	2.06	1.14	0.87	0.82	1.24	1.37	1.17	1.09	1.80	2.46	3.34	3.00	3.47	2.80	2.47	1.28	1.35	2.07	1.36	1.83	3.74	0.82	2.09
26	1.96	1.21	0.84	1.83	1.85	1.70	1.61	3.73	3.26	2.93	2.96	2.99	3.11	2.25	1.70	1.50	1.49	1.64	3.04	2.18	1.25	2.10	2.24	1.98	3.73	0.84	2.14
27	1.92	1.23	0.77	1.14	1.48	0.83	0.96	0.81	1.16	2.92	2.45	2.86	3.22	3.22	3.11	2.33	1.65	0.97	1.15	2.16	2.11	2.29	1.47	1.87	3.22	0.77	1.84
28	1.36	1.83	1.92	2.89	3.00	2.40	2.43	2.74	2.33	2.95	2.81	2.08	2.30	3.07	2.80	1.34	0.79	1.04	0.68	1.44	2.02	2.98	3.49	3.28	3.49	0.68	2.25
29	2.82	2.71	1.75	0.89	0.35	0.43	0.54	0.94	0.69	1.10	1.50	1.80	1.63	2.10	2.06	3.54	2.57	2.76	1.32	1.87	2.72	0.73	0.40	0.77	3.54	0.35	1.58
30	1.55	1.40	1.50	1.84	1.94	1.61	0.90	1.14	0.95	1.35	1.80	2.11	1.66	2.07	2.69	2.19	2.65	2.42	3.59	3.05	4.33	2.76	0.97	0.71	4.33	0.71	1.97
Max	8.31	7.37	6.23	5.67	6.10	5.29	5.57	7.26	6.05	5.45	5.89	4.64	5.65	5.78	6.11	6.28	9.50	5.73	5.39	7.63	4.85	3.89	4.30	7.05	9.50		
Min	0.74	0.45	0.56	0.54	0.35	0.41	0.36	0.31	0.39	0.48	0.56	0.66	0.68	0.78	1.00	0.82	0.61	0.97	0.68	0.46	0.70	0.55	0.40	0.42		0.31	
Avg.	2.17	1.87	1.92	2.13	1.96	1.68	1.66	1.79	1.86	1.96	2.29	2.25	2.66	3.02	3.17	3.22	3.15	2.76	2.60	2.71	2.57	2.30	2.25	2.18			2.34
																									Max Daily Mean		4.24
																									Min Daily Mean		1.26

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	1.27	0.76	0.82	0.57	0.61	1.54	2.31	2.18	2.81	1.82	3.21	3.46	3.82	2.06	2.69	3.09	2.99	2.83	1.82	4.73	2.11	1.47	1.18	1.02	4.73	0.57	2.13
2	0.76	0.57	0.83	0.71	1.33	0.94	0.95	1.40	1.20	0.96	0.63	0.84	2.02	2.24	3.28	2.69	2.26	3.38	3.88	2.55	1.07	0.66	1.34	2.03	3.88	0.57	1.61
3	1.60	0.56	0.52	1.43	2.37	1.84	0.90	0.76	0.72	2.01	2.35	2.27	2.80	2.53	2.64	1.85	0.73	1.03	0.98	1.06	0.75	0.96	1.33	1.13	2.80	0.52	1.46
4	2.25	3.99	2.47	1.46	1.00	0.89	0.73	1.34	2.68	2.39	1.49	1.18	1.14	1.31	2.09	2.01	1.54	3.05	2.11	1.72	1.20	0.46	1.20	1.19	3.99	0.46	1.70
5	0.44	1.35	0.81	1.88	2.13	2.30	2.50	2.03	2.14	4.58	3.27	2.69	3.64	5.63	2.13	1.26	1.54	2.76	3.11	4.48	2.94	4.12	1.93	1.11	5.63	0.44	2.53
6	0.93	1.12	2.16	0.82	2.12	1.42	0.65	1.96	1.52	0.72	1.05	2.09	1.28	2.70	2.44	4.27	3.61	5.96	3.57	3.18	1.47	1.36	1.62	1.95	5.96	0.65	2.08
7	1.29	1.47	2.40	1.56	1.89	2.33	4.60	4.90	4.01	3.89	3.81	3.60	5.23	5.97	5.36	3.37	2.89	8.99	6.20	6.92	1.76	1.67	1.16	2.81	8.99	1.16	3.67
8	2.31	1.71	1.39	1.43	1.03	1.09	0.83	1.02	1.91	3.34	2.63	3.07	2.92	4.33	4.54	3.35	3.78	3.51	3.66	3.60	2.54	1.89	2.74	3.07	4.54	0.83	2.57
9	2.14	0.85	1.27	1.24	1.74	0.97	1.01	1.01	1.27	1.35	1.82	1.78	1.89	3.49	3.64	3.62	3.03	2.73	3.75	2.69	5.88	3.52	4.30	1.89	5.88	0.85	2.37
10	2.09	3.83	1.40	1.27	1.53	0.85	2.52	4.96	4.94	2.82	1.67	0.61	0.86	0.53	1.15	1.82	2.17	2.72	2.02	1.61	3.34	3.60	3.67	2.41	4.96	0.53	2.27
11	3.06	3.20	3.58	4.38	4.01	3.75	3.71	3.86	2.70	3.12	1.71	1.48	1.45	2.17	3.23	2.57	2.80	2.88	1.61	1.55	1.49	0.55	2.27	2.40	4.38	0.55	2.65
12	1.08	1.14	1.15	0.91	1.02	1.58	1.47	0.97	0.97	1.14	1.90	2.59	2.34	3.18	2.06	3.01	3.10	3.36	2.06	2.32	1.20	2.83	3.54	2.71	3.54	0.91	1.98
13	3.24	2.42	1.40	1.53	1.22	1.19	0.27	0.64	0.82	1.05	1.40	1.98	1.87	3.42	4.14	3.69	3.06	3.21	2.25	2.35	2.20	1.67	1.52	1.12	4.14	0.27	1.99
14	0.64	0.92	0.47	1.05	1.45	0.96	1.41	1.09	1.68	1.46	1.88	2.75	2.94	2.23	2.40	2.89	2.82	2.24	2.48	1.89	1.40	1.13	0.75	0.85	2.94	0.47	1.66
15	1.35	1.72	1.97	2.15	2.22	1.87	0.89	1.40	1.09	1.31	2.02	3.06	3.24	3.33	4.21	2.82	2.55	2.95	3.52	2.71	3.11	1.29	2.15	1.73	4.21	0.89	2.28
16	2.58	2.68	3.68	3.73	3.94	3.66	3.49	3.21	3.63	3.29	3.69	3.26	3.00	2.74	3.48	3.16	2.13	2.83	2.83	3.23	2.49	1.69	2.62	2.84	3.94	1.69	3.08
17	3.45	3.69	3.46	3.09	2.57	2.18	2.26	1.60	2.12	2.02	1.82	2.64	1.37	2.51	2.84	3.14	3.26	3.75	3.30	2.59	2.78	2.85	2.22	1.58	3.75	1.37	2.63
18	2.15	2.06	1.97	1.85	2.09	2.16	1.78	1.93	1.68	1.99	2.32	2.14	2.60	2.58	2.08	1.95	1.57	1.72	1.80	1.85	2.12	2.82	0.82	1.91	2.82	0.82	2.00
19	1.81	1.02	1.24	1.94	1.65	2.52	2.32	2.50	2.74	3.19	2.57	2.36	2.50	1.58	1.05	1.54	2.66	2.44	2.24	2.94	3.21	2.72	2.36	1.70	3.21	1.02	2.20
20	2.35	2.25	2.83	3.71	3.37	2.54	1.56	1.64	1.11	1.55	2.54	1.89	1.85	2.59	1.95	1.88	2.62	2.14	0.77	0.99	0.78	0.57	0.97	0.86	3.71	0.57	1.89
21	1.03	1.73	0.92	1.98	1.91	3.37	3.66	2.14	0.93	0.53	2.29	4.29	2.86	3.37	2.91	4.28	2.85	2.08	1.77	2.03	1.52	1.05	2.22	1.15	4.29	0.53	2.20
22	2.18	3.54	2.51	1.80	1.58	1.25	2.02	1.72	1.28	2.50	1.43	1.47	1.48	1.14	1.84	1.54	2.01	1.18	1.61	2.34	2.48	3.21	3.48	2.74	3.54	1.14	2.01
23	2.30	2.74	4.39	3.25	3.25	3.86	2.82	0.93	1.59	1.69	2.31	1.54	2.90	2.92	2.35	3.19	2.68	2.39	2.27	1.50	2.22	0.64	0.77	2.69	4.39	0.64	2.38
24	3.42	1.51	1.20	1.57	1.07	2.08	1.14	1.08	1.71	1.77	1.83	2.50	3.59	2.87	2.81	2.53	2.21	2.22	2.45	1.33	1.73	1.94	1.29	0.86	3.59	0.86	1.95
25	1.22	1.36	0.88	0.42	0.28	0.57	0.32	0.43	0.75	0.66	0.68	1.12	1.34	1.01	0.78	1.65	2.13	1.61	1.49	1.98	2.76	2.93	1.18	0.75	2.93	0.28	1.18
26	0.99	0.94	0.51	0.62	0.75	1.27	1.10	1.47	1.85	1.74	1.68	1.36	2.66	2.20	2.04	2.08	3.36	1.69	3.28	2.69	1.60	1.82	1.90	0.55	3.36	0.51	1.67
27	0.76	1.04	1.63	1.85	1.79	1.64	2.15	1.26	1.76	1.93	2.16	3.03	3.36	3.51	3.06	2.84	3.02	3.10	2.48	1.98	1.84	1.50	1.86	1.89	3.51	0.76	2.14
28	2.23	2.19	2.37	1.53	1.41	1.19	0.80	0.60	1.26	1.01	0.94	1.64	2.31	2.89	2.46	1.87	3.80	3.43	2.67	2.75	2.53	2.16	2.54	1.56	3.80	0.60	2.01
29	1.37	0.44	1.45	1.66	1.02	0.70	1.04	0.73	1.15	1.75	2.26	1.97	2.57	3.45	2.58	2.08	3.13	2.86	3.63	3.42	3.67	3.89	3.55	2.81	3.89	0.44	2.22
30	2.90	1.77	2.34	2.18	2.23	1.96	1.60	1.36	0.97	0.90	2.04	3.16	3.63	3.35	3.66	3.55	4.27	4.48	2.30	2.91	2.61	2.24	2.03	2.16	4.48	0.90	2.53
31	2.16	1.63	0.93	0.68	1.27	0.68	1.23	1.65	1.55	1.20	1.78	1.83	1.23	1.11	1.49	2.26	2.27	1.72	4.22	4.55	3.85	2.94	1.46	2.26	4.55	0.68	1.91
Max	3.45	3.99	4.39	4.38	4.01	3.86	4.60	4.96	4.94	4.58	3.81	4.29	5.23	5.97	5.36	4.28	4.27	8.99	6.20	6.92	5.88	4.12	4.30	3.07	8.99		
Min	0.44	0.44	0.47	0.42	0.28	0.57	0.27	0.43	0.72	0.53	0.63	0.61	0.86	0.53	0.78	1.26	0.73	1.03	0.77	0.99	0.75	0.46	0.75	0.55		0.27	
Avg.	1.85	1.81	1.77	1.75	1.80	1.78	1.74	1.73	1.82	1.93	2.04	2.25	2.47	2.74	2.69	2.64	2.67	2.94	2.65	2.66	2.28	2.00	2.00	1.80			2.16
																									Max Daily Mean		3.67
																									Min Daily Mean		1.18

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	2.91	3.18	3.06	3.49	4.03	4.47	5.55	5.61	3.22	1.74	2.29	3.06	4.00	2.27	3.87	2.96	3.92	4.03	3.64	2.25	2.72	3.64	1.85	2.03	5.61	1.74	3.32
2	1.52	1.76	1.52	1.60	1.05	0.79	0.52	1.08	0.59	0.62	1.56	3.71	2.70	2.97	3.76	5.26	5.09	3.67	1.93	1.84	2.79	3.33	2.37	2.71	5.26	0.52	2.28
3	1.66	2.92	2.90	2.94	4.22	3.77	2.75	2.33	1.78	2.01	1.38	2.03	2.43	2.00	3.04	4.29	3.99	2.98	2.83	1.82	2.50	2.90	3.31	2.90	4.29	1.38	2.74
4	2.71	1.72	1.14	0.49	0.60	0.87	0.95	0.42	1.20	2.05	2.65	1.87	1.33	1.95	1.05	1.93	1.92	2.12	3.17	2.11	0.99	1.50	1.77	1.42	3.17	0.42	1.58
5	0.83	0.84	0.63	0.55	1.14	0.77	0.93	0.66	0.95	0.77	0.94	0.90	1.96	1.59	1.50	2.77	4.03	1.17	0.90	1.89	0.81	1.01	0.56	0.83	4.03	0.55	1.21
6	0.84	1.96	2.78	2.21	1.71	1.15	2.53	1.20	2.10	1.63	1.00	0.62	1.38	1.21	1.50	0.95	0.79	1.60	2.08	0.86	1.19	0.86	0.90	1.00	2.78	0.62	1.42
7	0.45	0.85	0.81	0.38	0.90	0.92	1.16	0.76	0.95	2.60	2.47	2.64	3.22	2.59	3.19	3.40	3.65	3.76	3.93	2.40	2.28	1.98	2.33	2.79	3.93	0.38	2.10
8	1.71	1.68	0.90	1.36	0.95	0.58	1.40	1.43	1.44	1.01	1.02	0.94	2.10	1.75	2.33	1.50	2.46	2.52	2.20	1.99	2.09	0.98	1.54	1.43	2.52	0.58	1.55
9	1.50	1.11	0.81	0.65	0.73	0.68	0.43	0.63	0.67	1.32	1.79	2.01	1.67	2.15	3.34	4.03	3.78	4.00	3.35	2.46	2.80	1.43	0.63	0.97	4.03	0.43	1.79
10	0.66	0.91	1.44	1.02	0.53	0.50	0.28	0.59	0.60	0.60	1.33	2.04	3.30	3.34	3.44	3.99	3.37	3.68	2.84	1.95	2.09	2.02	0.99	0.95	3.99	0.28	1.77
11	0.82	0.86	0.91	0.56	0.91	1.24	0.35	0.96	0.54	0.87	0.87	1.20	1.73	1.68	2.45	2.97	1.97	1.71	0.58	1.42	1.76	0.97	1.39	0.65	2.97	0.35	1.22
12	0.92	0.98	1.81	1.68	1.41	0.71	0.41	0.86	0.58	0.91	1.06	0.80	1.40	1.35	1.61	2.96	2.16	4.35	2.06	2.29	2.04	2.18	1.39	1.94	4.35	0.41	1.58
13	1.33	1.62	1.22	1.49	0.71	0.94	1.49	1.10	0.51	0.80	0.71	1.29	2.65	2.35	2.19	1.36	1.67	2.15	1.88	2.10	1.32	1.41	0.33	0.52	2.65	0.33	1.38
14	0.37	1.34	0.93	0.81	0.58	0.90	1.07	1.00	1.12	0.85	0.88	1.81	2.40	2.65	2.53	3.30	3.09	3.37	2.18	1.12	0.93	1.77	2.24	1.06	3.37	0.37	1.60
15	1.34	0.83	0.78	0.86	0.73	0.81	1.25	0.81	1.00	2.26	1.76	2.23	3.22	2.60	2.05	2.95	3.17	2.47	1.33	1.45	1.86	0.91	0.93	1.07	3.22	0.73	1.61
16	1.77	1.99	2.30	1.28	1.86	1.27	1.34	1.73	0.91	1.06	0.94	1.13	1.56	1.75	2.93	3.42	2.76	3.46	2.85	2.29	2.84	3.14	2.69	2.43	3.46	0.91	2.07
17	1.89	1.28	1.54	0.77	0.63	1.17	1.59	0.68	1.08	2.40	2.86	1.49	2.42	1.45	1.93	2.56	2.13	2.38	2.00	1.81	1.85	1.21	1.71	0.57	2.86	0.57	1.64
18	0.52	0.71	0.61	0.67	0.61	1.02	1.30	0.46	1.30	1.02	1.43	1.83	1.99	3.77	3.86	3.04	3.67	3.30	2.29	2.41	1.82	1.19	1.61	1.22	3.86	0.46	1.74
19	0.93	1.07	1.68	1.10	1.48	1.06	0.73	0.96	1.83	1.05	1.87	3.28	3.74	4.97	4.45	4.41	4.73	4.60	4.24	3.05	3.71	1.99	1.90	1.47	4.97	0.73	2.51
20	1.03	0.80	0.83	0.77	1.21	1.19	0.75	1.00	1.08	0.81	0.39	0.98	1.53	1.50	1.16	2.01	1.66	1.87	2.76	2.74	3.19	3.36	3.28	2.99	3.36	0.39	1.62
21	3.13	4.50	3.75	3.53	2.92	2.57	1.63	1.60	1.21	1.48	1.47	1.88	1.31	1.98	1.48	2.01	1.30	1.56	2.04	2.51	2.34	1.69	1.04	1.09	4.50	1.04	2.08
22	1.02	1.16	1.18	1.27	0.97	1.16	0.99	1.05	2.00	3.01	1.55	1.58	1.51	1.38	1.76	2.06	2.26	1.68	1.73	3.11	3.54	2.76	0.93	2.29	3.54	0.93	1.75
23	2.71	2.65	1.93	1.65	1.80	1.89	2.75	1.65	1.29	1.34	1.69	2.80	3.36	3.38	3.91	3.78	3.04	2.47	2.34	3.45	2.22	2.09	1.83	2.64	3.91	1.29	2.44
24	1.96	1.26	1.21	1.21	0.92	0.88	1.08	1.56	0.96	0.85	2.87	3.77	4.03	2.72	2.92	3.60	2.61	2.33	2.02	2.71	3.03	1.71	1.33	1.58	4.03	0.85	2.05
25	1.01	0.96	0.95	1.64	2.41	1.62	2.09	4.56	4.60	4.78	4.74	3.20	3.26	4.68	5.25	4.53	3.63	3.68	3.33	3.29	2.73	2.51	3.07	2.98	5.25	0.95	3.15
26	2.81	2.87	2.26	1.46	1.67	0.80	1.20	1.20	1.44	0.86	0.70	0.87	0.99	0.97	0.77	0.47	0.48	1.08	1.20	0.82	0.48	0.78	1.43	1.34	2.87	0.47	1.21
27	1.30	1.33	1.15	3.58	3.41	2.92	4.25	2.38	4.19	3.69	3.50	4.33	4.69	4.97	4.20	5.30	5.11	4.60	4.98	3.41	2.79	3.09	4.48	3.59	5.30	1.15	3.64
28	3.58	2.65	2.53	2.73	2.99	1.73	2.01	2.39	1.94	3.33	3.23	3.28	3.50	2.27	2.49	2.14	2.03	2.22	2.07	1.87	1.41	1.45	1.87	0.46	3.58	0.46	2.34
29	0.60	1.47	1.08	1.33	1.29	1.05	1.83	1.62	1.85	1.79	1.69	1.60	1.95	1.05	1.46	2.32	1.58	1.43	1.26	0.94	0.37	0.52	1.11	1.62	2.32	0.37	1.37
30	0.90	2.05	2.66	2.04	1.70	1.35	1.20	0.66	1.20	0.77	1.42	0.93	1.62	3.10	2.80	3.25	2.63	2.10	2.25	2.05	2.64	2.73	2.97	3.06	3.25	0.66	2.00
31	3.06	4.90	4.09	4.14	3.80	3.54	2.32	1.54	1.27	1.84	1.98	1.61	1.76	1.83	2.04	3.22	2.26	1.50	1.81	2.30	1.12	1.56	0.89	1.81	4.90	0.89	2.34
Max	3.58	4.90	4.09	4.14	4.22	4.47	5.55	5.61	4.60	4.78	4.74	4.33	4.69	4.97	5.25	5.30	5.11	4.60	4.98	3.45	3.71	3.64	4.48	3.59	5.61		
Min	0.37	0.71	0.61	0.38	0.53	0.50	0.28	0.42	0.51	0.60	0.39	0.62	0.99	0.97	0.77	0.47	0.48	1.08	0.58	0.82	0.37	0.52	0.33	0.46		0.28	
Avg.	1.54	1.75	1.66	1.59	1.61	1.43	1.55	1.43	1.46	1.62	1.74	1.99	2.41	2.39	2.62	2.99	2.80	2.70	2.39	2.15	2.07	1.89	1.76	1.72			1.97
																									Max Daily Mean		3.64
																									Min Daily Mean		1.21

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Speed - A (m/s)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	2.46	2.22	3.12	3.42	4.33	2.51	1.76	1.64	1.42	1.06	0.93	1.15	0.93	1.39	1.52	1.12	1.99	2.38	2.91	2.64	3.04	2.89	3.94	2.65	4.33	0.93	2.23
2	3.19	2.98	3.33	2.97	3.01	2.14	1.58	1.20	0.79	1.22	1.37	1.50	2.97	3.33	3.28	3.14	2.16	2.02	2.42	2.13	2.67	3.09	1.56	1.83	3.33	0.79	2.33
3	1.13	0.71	0.80	1.10	1.19	1.28	1.34	1.40	1.10	1.30	1.40	2.28	1.40	1.11	1.24	1.65	1.72	1.65	1.51	1.33	2.62	2.34	1.91	2.29	2.62	0.71	1.49
4	2.38	1.62	2.39	1.43	1.94	3.03	1.82	0.79	0.56	0.82	1.47	0.86	2.41	3.94	2.36	2.75	2.95	2.84	2.96	3.28	2.21	2.87	1.89	2.33	3.94	0.56	2.16
5	1.98	1.61	1.21	2.59	3.94	2.42	1.78	3.65	3.42	4.67	5.04	6.45	6.00	6.14	5.79	4.09	4.09	4.10	4.20	4.06	3.58	6.94	4.34	3.57	6.94	1.21	3.99
6	3.98	3.27	2.14	1.98	2.68	1.99	1.52	1.69	2.13	0.81	1.31	1.27	1.21	1.54	1.92	4.30	2.68	3.10	2.75	1.82	2.21	1.82	2.13	1.11	4.30	0.81	2.14
7	1.84	1.50	1.65	1.75	1.70	1.44	1.21	1.01	0.93	2.57	1.27	1.32	1.74	1.58	1.18	2.42	0.82	0.80	0.89	0.89	2.73	1.82	2.14	1.47	2.73	0.80	1.53
8	1.48	0.99	0.76	0.53	0.48	1.39	1.53	1.18	1.03	0.86	0.98	1.66	1.93	2.87	3.64	2.03	1.78	1.68	1.85	0.79	1.02	1.45	1.56	1.71	3.64	0.48	1.47
9	1.55	1.93	1.80	2.31	2.08	2.26	2.52	3.40	3.01	3.75	4.52	3.55	3.69	4.44	4.04	2.95	4.86	5.50	4.97	2.69	2.14	1.93	1.91	2.25	5.50	1.55	3.09
10	2.13	2.14	2.21	2.01	3.01	3.60	3.99	2.44	2.16	3.38	4.05	4.11	2.23	1.59	2.40	2.24	1.59	1.68	2.22	3.46	5.57	5.97	3.77	1.03	5.97	1.03	2.87
11	2.12	1.60	1.48	1.94	1.24	3.19	2.24	1.49	3.75	4.49	5.27	5.28	4.03	2.95	2.13	1.93	4.69	4.57	4.40	5.42	4.52	3.54	4.00	3.75	5.42	1.24	3.33
12	2.06	1.27	1.95	1.02	2.09	2.52	2.17	2.51	2.26	4.26	3.39	3.12	3.22	2.61	1.89	1.84	1.51	0.96	1.53	1.58	1.59	2.14	1.14	0.69	4.26	0.69	2.06
13	1.65	0.47	0.87	0.75	0.75	1.78	1.50	0.96	0.85	1.21	0.53	0.72	1.22	1.27	1.18	0.88	0.39	1.34	1.20	0.47	1.55	1.18	0.44	0.69	1.78	0.39	0.99
14	0.86	0.91	1.31	1.43	0.72	1.08	1.16	2.19	1.91	1.09	1.24	1.57	2.90	1.42	0.55	1.40	0.94	0.64	0.71	0.72	0.84	1.27	0.67	0.75	2.90	0.55	1.18
15	0.70	1.35	1.13	1.19	1.04	1.18	1.47	1.70	1.31	0.98	1.02	1.02	2.28	2.10	1.98	2.47	2.11	2.17	2.90	2.46	2.75	2.77	2.96	1.78	2.96	0.70	1.78
16	2.77	2.27	1.89	3.23	1.94	2.54	3.42	0.97	1.02	2.40	3.02	4.22	2.85	1.84	6.09	4.18	2.34	2.90	2.99	4.78	5.87	6.63	7.90	7.44	7.90	0.97	3.56
17	4.11	4.27	5.37	5.43	2.54	2.00	4.74	6.12	4.39	6.47	6.65	5.44	5.33	3.99	3.51	3.65	2.41	3.40	2.76	2.34	3.17	3.98	3.22	2.11	6.65	2.00	4.06
18	1.16	1.33	1.13	1.22	0.77	1.02	1.16	1.22	1.17	1.05	0.98	0.89	0.99	0.69	0.55	0.75	1.89	2.17	3.00	2.74	1.05	0.66	0.74	0.69	3.00	0.55	1.21
19	0.70	0.55	0.89	1.50	1.23	1.87	2.43	2.38	2.28	1.64	2.31	2.31	2.33	3.04	4.82	3.41	2.95	3.28	3.06	3.29	2.81	2.04	1.53	1.37	4.82	0.55	2.25
20	1.31	1.02	0.98	1.17	1.53	1.19	0.82	1.02	0.98	0.84	0.58	1.14	0.74	1.50	2.78	4.73	3.86	2.38	1.24	2.46	2.14	1.40	1.18	1.27	4.73	0.58	1.59
21	0.62	1.12	1.82	3.22	3.30	3.91	4.12	1.91	1.39	1.31	1.68	2.44	1.24	2.47	2.13	2.77	3.59	3.47	3.71	3.25	2.61	2.59	3.35	4.65	4.65	0.62	2.61
22	3.04	2.98	3.72	2.87	2.55	2.38	1.37	1.90	2.53	1.77	2.67	2.88	1.40	1.80	4.55	2.71	2.88	2.08	2.08	1.79	2.35	3.60	1.86	1.01	4.55	1.01	2.45
23	1.53	1.62	2.77	2.41	1.54	1.08	1.51	2.53	3.02	2.76	1.60	1.39	2.43	4.06	2.95	2.92	4.29	4.09	3.70	4.18	4.21	4.00	2.79	2.25	4.29	1.08	2.73
24	4.22	2.56	2.40	1.83	1.64	1.93	2.17	1.65	1.46	2.24	1.50	1.08	0.68	0.62	1.41	1.50	0.92	0.69	0.37	0.92	1.08	1.19	1.40	1.47	4.22	0.37	1.54
25	1.11	0.85	1.65	1.71	1.43	2.39	2.54	2.55	2.47	2.18	1.08	1.07	1.00	2.48	2.68	2.25	2.48	2.66	2.74	2.68	9.56	7.08	4.48	5.04	9.56	0.85	2.76
26	3.63	4.26	5.34	4.61	2.68	0.61	0.81	1.09	1.10	1.02	0.53	1.23	1.31	1.68	2.06	1.72	2.31	2.52	4.02	5.25	4.87	6.76	6.85	9.35	9.35	0.53	3.15
27	10.49	12.12	9.11	7.13	5.25	2.32	2.01	1.66	1.57	1.27	1.23	1.37	1.48	1.17	1.95	1.65	1.55	2.83	2.39	0.84	1.24	1.18	1.42	1.66	12.12	0.84	3.12
28	1.86	1.42	2.14	2.79	2.66	2.51	3.84	4.74	5.37	1.35	1.66	1.15	1.40	2.19	2.18	1.72	2.42	2.09	2.76	1.74	1.70	1.66	0.96	1.75	5.37	0.96	2.25
29	1.02	1.47	1.45	0.96	1.15	0.87	1.79	0.68	1.60	1.04	1.03	0.61	1.57	2.91	4.11	3.90	3.95	2.51	2.78	3.51	1.68	3.32	4.50	2.36	4.50	0.61	2.12
30	1.89	2.76	3.61	2.80	2.65	1.68	1.43	1.18	0.73	0.85	0.91	0.88	0.86	0.82	0.78	0.88	1.33	1.65	1.26	1.10	2.02	1.09	0.97	1.33	3.61	0.73	1.48
Max	10.49	12.12	9.11	7.13	5.25	3.91	4.74	6.12	5.37	6.47	6.65	6.45	6.00	6.14	6.09	4.73	4.86	5.50	4.97	5.42	9.56	7.08	7.90	9.35	12.12		
Min	0.62	0.47	0.76	0.53	0.48	0.61	0.81	0.68	0.56	0.81	0.53	0.61	0.68	0.62	0.55	0.75	0.39	0.64	0.37	0.47	0.84	0.66	0.44	0.69		0.37	
Avg.	2.30	2.17	2.35	2.31	2.10	2.00	2.06	1.96	1.92	2.02	2.04	2.13	2.13	2.32	2.59	2.47	2.45	2.47	2.54	2.49	2.85	2.97	2.58	2.39			2.32
																									Max Daily Mean		4.06
																									Min Daily Mean		0.99

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	154	204	193	52	85	83	38	76	316	31	30	23	12	354	309	342	61	106	9	75	80	83	80	83	354	9	120
2	73	95	115	93	107	95	80	33	52	62	347	159	177	164	151	125	128	135	139	133	114	114	103	108	347	33	121
3	97	73	115	123	125	46	67	48	76	70	290	299	344	309	275	217	181	199	99	63	84	20	97	120	344	20	143
4	70	273	101	55	143	213	203	OutCal	OutCal	OutCal	OutCal	OutCal	Span	233	284	230	198	190	190	200	197	184	39	76	284	39	171
5	52	51	200	187	82	251	108	48	43	28	62	357	315	341	335	196	185	176	167	126	104	68	48	105	357	28	151
6	19	26	42	46	41	47	40	38	49	18	7	31	4	26	186	224	222	150	51	76	97	150	52	59	224	4	71
7	70	15	246	187	80	117	154	156	92	30	211	68	50	36	199	119	237	196	202	198	171	130	112	65	246	15	131
8	83	47	359	63	84	78	51	186	48	34	13	342	3	34	332	360	50	71	53	70	79	73	35	35	360	3	108
9	40	35	25	29	35	39	50	44	45	37	32	18	16	55	90	93	86	80	85	101	268	65	62	30	268	16	61
10	35	74	72	123	79	53	35	29	27	33	37	34	28	19	29	19	18	25	16	17	38	37	26	35	123	16	39
11	16	5	349	11	19	21	33	28	5	17	24	24	30	4	347	326	288	309	342	13	353	347	19	61	353	4	125
12	60	76	78	149	2	110	101	72	101	193	204	221	229	225	226	212	217	200	198	179	162	169	182	88	229	2	152
13	191	93	34	53	344	356	355	47	146	105	76	50	47	68	68	21	32	42	27	18	26	31	48	56	356	18	97
14	40	45	45	52	63	49	60	62	39	226	269	271	262	256	190	288	33	152	61	52	73	70	49	72	288	33	116
15	56	66	44	65	17	48	60	74	77	75	88	70	58	78	75	312	35	57	172	228	204	38	50	206	312	17	94
16	172	172	80	262	129	136	123	90	352	51	223	16	13	280	274	31	195	202	162	177	140	121	182	64	352	13	152
17	200	172	127	89	143	189	192	196	182	173	193	249	230	237	241	347	209	206	67	122	140	17	29	32	347	17	166
18	357	8	30	31	26	351	30	60	349	217	202	200	212	215	207	199	198	197	198	203	204	202	204	204	357	8	179
19	197	203	203	207	206	203	195	184	188	203	204	223	247	243	252	11	280	263	270	23	13	12	29	35	280	11	171
20	111	57	25	30	22	9	12	24	5	10	15	20	345	270	245	20	95	74	69	57	59	30	32	26	345	5	69
21	22	19	26	27	28	4	17	12	10	15	12	20	27	24	29	32	56	87	56	47	21	32	15	16	87	4	27
22	13	16	17	16	17	21	25	15	18	32	17	351	349	358	289	302	342	290	61	273	134	81	76	56	358	13	132
23	61	226	159	114	68	61	56	258	35	50	72	49	48	38	33	35	17	41	44	76	88	49	25	352	352	17	86
24	356	24	38	30	22	35	14	35	22	10	21	30	26	21	36	28	14	14	15	10	359	10	8	22	359	8	50
25	24	26	9	24	24	314	321	296	246	197	169	2	39	49	69	74	78	74	79	84	96	102	92	20	321	2	104
26	49	53	39	49	35	247	257	189	250	260	264	226	236	253	246	245	238	217	199	208	203	199	188	179	264	35	189
27	88	159	77	46	55	65	35	38	44	30	7	355	343	318	11	18	31	29	19	15	16	12	17	21	355	7	77
28	23	29	30	19	18	29	20	11	13	17	7	12	65	72	51	33	4	31	357	306	64	85	86	98	357	4	62
29	86	36	60	70	44	55	60	27	46	58	71	66	79	83	86	90	109	333	15	5	24	17	22	189	333	5	72
30	205	205	200	187	196	195	189	197	189	200	205	192	218	328	19	28	10	319	205	167	189	194	195	207	328	10	185
31	207	198	147	84	47	76	77	73	47	76	75	27	21	33	31	34	41	25	30	337	63	62	59	35	337	21	79
Max	357	273	359	262	344	356	355	296	352	260	347	357	349	358	347	360	342	333	357	337	359	347	204	352	360		
Min	13	5	9	11	2	4	12	11	5	10	7	2	3	4	11	11	4	14	9	5	13	10	8	16		2	
Avg.	104	90	106	83	77	116	99	88	104	85	115	133	136	162	168	149	125	145	118	118	125	90	73	89			112
																									Max Daily Mean		189
																									Min Daily Mean		27

Total Hours in month: **744** **Hours Data Available:** **738** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	148	109	148	185	103	77	201	91	76	65	83	69	150	102	201	202	203	20	69	158	193	196	67	98	203	20	126
2	88	153	191	190	164	46	49	70	47	50	53	51	36	356	52	40	52	54	53	187	68	85	63	73	356	36	95
3	41	35	347	323	12	59	33	36	69	92	94	82	78	83	93	102	97	253	156	340	289	276	142	256	347	12	141
4	78	125	97	84	93	81	80	73	34	350	3	350	10	18	18	18	17	10	1	203	252	252	250	249	350	1	114
5	231	247	225	221	236	235	213	183	197	177	186	193	11	12	20	27	29	84	55	34	1	23	35	48	247	1	122
6	51	72	79	82	85	77	83	91	89	76	49	67	71	69	66	65	9	25	32	8	50	36	21	29	91	8	58
7	34	37	42	322	184	214	208	205	219	4	330	317	15	36	2	6	322	337	319	341	294	159	342	329	342	2	192
8	39	211	196	211	213	214	216	214	218	217	212	213	237	235	216	185	180	85	51	22	84	25	51	25	237	22	157
9	25	23	4	16	10	19	15	13	22	25	28	6	1	16	22	22	29	29	47	46	49	38	33	57	57	1	25
10	39	27	6	71	35	43	38	26	44	37	31	76	194	192	186	145	181	188	189	198	207	190	199	193	207	6	114
11	194	208	205	200	188	190	186	162	175	75	48	166	66	63	71	100	75	82	93	78	76	79	80	69	208	48	122
12	69	82	72	76	75	51	75	58	44	22	15	17	24	23	31	33	42	34	327	204	194	164	135	132	327	15	83
13	287	138	163	206	210	217	203	225	249	257	259	272	267	260	266	264	255	260	213	222	243	240	229	218	287	138	234
14	229	222	222	205	200	205	209	210	186	178	203	73	233	224	22	77	75	93	67	182	98	196	135	65	233	22	159
15	180	196	206	202	198	178	186	192	185	194	181	199	190	195	190	174	185	193	167	74	162	163	197	194	206	74	183
16	141	89	109	92	141	203	79	160	211	204	191	187	206	175	144	188	201	169	160	190	136	160	210	163	211	79	163
17	183	171	182	190	183	160	185	190	198	161	146	171	150	83	72	67	57	44	331	349	34	43	47	63	349	34	144
18	55	62	17	8	352	13	8	359	20	34	38	26	29	24	14	22	30	28	33	31	37	37	44	41	359	8	57
19	45	46	35	41	50	38	42	47	27	21	39	31	0	7	6	13	4	1	8	1	2	4	1	5	50	0	21
20	19	27	16	21	24	23	21	16	19	20	22	21	22	28	51	232	114	82	59	45	18	43	62	213	232	16	51
21	51	198	206	117	1	211	116	122	186	79	297	87	74	178	175	171	87	113	74	69	102	142	170	137	297	1	132
22	147	196	139	53	39	38	124	185	177	357	220	207	260	280	241	190	342	229	255	270	243	252	310	342	357	38	212
23	1	340	3	25	24	16	341	315	299	295	245	230	244	275	213	210	210	235	19	45	7	35	191	194	341	1	167
24	188	114	88	241	185	112	76	118	341	63	125	335	110	55	65	60	61	34	53	64	40	25	217	136	341	25	121
25	67	255	85	80	250	177	77	81	74	131	58	63	26	295	116	179	84	357	57	61	84	174	191	193	357	26	134
26	181	184	179	198	196	195	191	190	124	136	193	161	94	95	224	201	210	87	131	100	58	56	50	41	224	41	145
27	26	298	25	69	1	46	58	356	9	17	346	355	2	6	16	14	21	26	23	12	14	21	25	29	356	1	76
28	29	33	37	42	49	35	19	20	21	21	9	345	1	2	6	11	18	23	13	34	37	42	52	304	345	1	50
29	140	72	173	80	277	184	142	30	205	69	60	66	47	40	29	59	17	29	12	9	23	24	13	16	277	9	76
30	22	5	26	47	303	211	251	274	343	44	46	48	21	32	32	25	22	37	24	26	54	65	64	74	343	5	87
Max	287	340	347	323	352	235	341	359	343	357	346	355	267	356	266	264	342	357	331	349	294	276	342	342	359		
Min	1	5	3	8	1	13	8	13	9	4	3	6	0	2	2	6	4	1	1	1	1	4	1	5		0	
Avg.	101	132	117	130	136	119	124	144	137	116	127	149	96	115	95	103	108	108	103	120	105	108	121	133			119
																									Max Daily Mean		234
																									Min Daily Mean		21

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	69	66	15	33	39	232	191	202	202	196	193	203	190	152	160	204	97	51	49	47	40	192	84	71	232	15	124
2	16	93	23	57	54	33	301	37	37	57	90	171	204	211	241	266	260	259	264	250	237	226	204	188	301	16	157
3	179	166	182	152	17	278	26	27	26	37	57	46	57	53	48	38	61	326	343	348	353	347	13	320	353	13	146
4	310	320	179	183	145	130	181	183	308	325	149	190	195	197	207	221	263	345	21	59	199	208	188	191	345	21	204
5	202	224	275	275	275	266	271	263	260	233	234	262	254	263	256	225	203	206	210	223	231	242	245	225	275	202	243
6	230	224	220	229	220	221	223	227	213	195	189	191	195	190	204	194	147	93	31	27	33	32	39	33	230	27	158
7	31	14	55	26	31	21	35	20	33	42	29	28	72	83	108	88	60	29	34	25	26	8	12	18	108	8	39
8	23	20	26	11	15	21	26	28	28	39	24	31	28	22	32	23	55	24	64	44	58	58	15	62	64	11	32
9	117	64	28	57	41	20	355	94	38	63	63	37	335	42	52	190	199	173	193	216	199	211	215	226	355	20	134
10	208	206	194	195	212	196	177	126	83	73	66	34	30	26	23	21	32	49	50	75	70	74	298	249	298	21	115
11	24	33	36	19	336	50	88	89	44	44	15	45	53	95	91	94	83	89	76	53	61	84	130	85	336	15	76
12	98	257	68	31	23	22	220	207	204	191	211	218	244	243	217	215	237	195	207	197	211	223	219	216	257	22	182
13	222	214	214	204	199	208	212	186	188	186	169	172	187	55	43	349	339	15	23	47	26	28	22	295	349	15	158
14	52	53	45	29	21	23	21	16	14	18	33	21	15	28	23	35	40	27	36	28	25	31	27	36	53	14	29
15	37	27	25	32	29	32	27	20	26	22	27	31	38	39	30	61	79	42	173	49	49	16	20	40	173	16	40
16	108	31	30	40	36	61	62	45	28	56	35	52	39	53	28	44	43	44	29	29	38	19	75	38	108	19	44
17	46	24	54	64	44	48	62	69	73	100	42	42	57	30	30	40	64	10	49	25	41	31	31	62	100	10	47
18	72	46	348	8	74	116	91	96	22	126	91	88	91	124	157	121	192	170	74	81	65	67	26	36	348	8	99
19	36	74	81	25	43	145	242	206	202	99	137	201	199	206	210	195	200	181	62	96	82	78	53	26	242	25	128
20	28	44	40	48	62	109	57	62	32	180	68	98	39	50	68	44	25	22	41	356	6	222	177	306	356	6	91
21	195	161	173	285	41	189	190	40	295	360	221	206	255	36	37	201	187	188	190	190	161	84	69	18	360	18	166
22	6	22	29	24	10	24	29	354	357	10	40	348	10	56	74	46	27	32	24	24	23	15	350	57	357	6	83
23	195	196	196	204	193	182	185	182	202	187	176	167	182	178	190	182	193	167	45	74	74	78	77	73	204	45	157
24	110	26	37	14	0	44	341	85	57	54	227	75	71	58	58	67	58	49	185	44	48	39	36	341	341	0	88
25	21	355	27	37	13	5	336	345	274	24	12	349	14	3	28	32	17	12	22	10	215	10	133	360	360	3	111
26	49	36	16	83	29	42	31	21	24	349	336	12	20	51	70	80	78	65	71	70	71	66	79	83	349	12	76
27	23	28	26	30	20	8	28	26	23	5	49	29	37	47	98	3	17	9	31	23	28	49	42	12	98	3	29
28	335	268	55	30	35	17	358	58	182	163	167	183	186	201	202	197	214	212	205	202	201	209	198	202	358	17	178
29	203	204	193	201	184	202	194	204	141	182	91	63	57	57	46	186	80	87	125	108	191	79	64	66	204	46	134
30	62	106	208	199	110	92	96	76	37	354	326	191	213	213	113	153	121	206	103	182	49	49	78	164	354	37	146
31	164	177	66	66	294	94	58	32	112	183	203	176	82	58	47	66	196	184	66	89	136	168	49	210	294	32	124
Max	335	355	348	285	336	278	358	354	357	360	336	349	335	263	256	349	339	345	343	356	353	347	350	360	360		
Min	6	14	15	8	0	5	21	16	14	5	12	12	10	3	23	3	17	9	21	10	6	8	12	12		0	
Avg.	112	122	102	93	92	101	152	117	121	134	122	128	118	101	103	125	125	115	100	106	105	105	105	139			114
																									Max Daily Mean		243
																									Min Daily Mean		29

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	195	209	195	177	95	59	221	191	210	202	78	106	203	203	208	199	190	191	191	188	191	191	109	117	221	59	172
2	189	193	189	154	189	150	112	182	200	193	188	173	126	43	64	49	34	35	79	50	51	47	73	62	200	34	118
3	52	49	50	49	19	47	32	34	30	23	5	20	21	17	46	156	201	169	94	134	92	65	160	207	207	5	74
4	180	193	193	202	205	203	122	82	183	177	170	189	206	214	207	205	214	221	217	215	214	197	137	52	221	52	183
5	69	49	42	48	47	29	31	43	62	20	31	37	37	25	35	32	25	15	33	164	251	294	57	61	294	15	64
6	73	91	156	180	209	208	199	213	218	178	199	198	197	203	158	349	221	76	54	67	67	81	48	41	349	41	154
7	38	23	86	41	51	76	48	103	52	170	74	77	56	52	353	176	190	187	166	140	136	189	185	192	353	23	119
8	150	202	207	201	206	203	194	204	204	206	211	202	203	210	210	210	188	159	92	104	138	191	164	119	211	92	182
9	157	199	219	200	200	195	151	65	39	48	51	53	42	48	26	54	57	30	357	20	9	30	22	37	357	9	96
10	48	41	50	48	44	36	62	87	250	198	205	114	5	343	260	226	290	166	3	249	352	253	234	243	352	3	159
11	313	80	302	57	38	36	347	28	64	72	55	62	5	38	215	209	159	143	182	170	193	206	191	194	347	5	140
12	179	179	190	192	213	191	199	197	197	201	204	203	204	202	167	143	138	45	29	53	28	26	40	51	213	26	145
13	56	28	346	3	16	15	75	65	21	51	183	186	205	18	205	199	140	184	200	200	203	188	224	203	346	3	134
14	189	203	39	110	241	71	58	79	59	42	68	88	32	44	70	78	71	63	38	24	57	78	54	44	241	24	79
15	59	70	135	16	57	59	45	59	42	57	125	43	16	42	62	19	62	22	155	54	98	3	63	59	155	3	59
16	27	54	52	64	70	227	196	86	66	163	201	123	68	14	59	48	45	182	62	74	51	69	88	75	227	14	90
17	25	68	57	57	41	57	49	45	35	48	138	57	57	50	62	49	62	27	49	40	48	113	49	31	138	25	55
18	28	31	49	56	25	42	56	48	47	21	43	46	51	57	54	35	30	45	69	40	50	14	64	74	74	14	45
19	91	76	70	109	50	67	57	163	61	43	1	25	219	62	40	45	36	12	31	359	340	33	54	54	359	1	87
20	23	12	41	33	1	36	355	15	17	24	50	34	18	39	7	18	45	25	48	10	2	36	51	45	355	1	41
21	52	34	25	200	179	103	86	55	63	14	10	12	27	23	65	63	76	72	75	78	74	76	80	76	200	10	67
22	79	79	80	83	85	86	81	87	86	88	87	87	86	82	82	78	87	78	82	83	76	39	16	28	88	16	76
23	13	19	20	23	22	18	24	24	24	29	36	34	35	33	25	29	24	30	22	19	24	22	15	17	36	13	24
24	17	20	19	32	19	22	15	24	23	22	21	20	23	24	24	31	39	32	30	37	33	43	32	17	43	15	26
25	8	17	11	22	7	36	58	114	198	187	57	45	242	207	212	208	220	217	206	210	201	206	196	203	242	7	137
26	211	173	195	214	209	204	208	207	209	211	206	197	185	87	78	53	105	179	188	189	189	179	181	160	214	53	176
27	94	93	223	192	34	57	73	212	87	69	61	57	77	58	67	44	69	114	58	76	101	82	82	179	223	34	94
28	72	76	85	99	80	143	65	63	46	70	299	69	49	39	45	17	31	51	68	56	46	1	55	67	299	1	71
29	15	31	58	46	55	49	55	48	41	56	32	36	6	1	11	33	27	34	24	31	70	70	16	50	70	1	37
30	61	107	27	81	25	67	144	338	46	16	32	251	209	74	27	356	7	28	33	25	33	45	36	206	356	7	95
31	206	190	195	174	143	160	79	103	180	190	207	201	190	96	43	39	44	48	58	65	43	90	50	68	207	39	119
Max	313	209	346	214	241	227	355	338	250	211	299	251	242	343	353	356	290	221	357	359	352	294	234	243	359		
Min	8	12	11	3	1	15	15	15	17	14	1	12	5	1	7	17	7	12	3	10	2	1	15	17		1	
Avg.	96	93	116	102	93	95	113	105	99	100	107	98	100	85	103	111	101	93	97	104	112	102	91	98			101
																									Max Daily Mean		183
																									Min Daily Mean		24

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	66	42	40	61	28	59	5	34	39	27	19	21	25	24	36	76	67	69	71	76	84	98	96	95	98	5	52
2	74	44	75	83	92	91	255	190	189	211	208	208	205	185	175	167	155	155	145	141	190	163	155	172	255	44	155
3	128	282	93	206	211	196	188	201	198	193	199	200	202	203	209	212	202	200	186	201	144	59	75	38	282	38	176
4	34	37	46	40	52	58	70	56	34	59	60	60	47	26	37	27	52	70	76	54	55	74	357	78	357	26	65
5	73	76	98	105	110	95	85	74	71	76	76	76	83	76	78	89	97	111	102	105	114	117	87	59	117	59	89
6	49	79	68	41	47	80	71	55	38	22	19	19	19	41	33	34	13	3	3	26	10	14	13	18	80	3	34
7	2	24	39	64	359	65	89	85	78	85	87	92	74	76	73	90	97	103	89	86	88	84	84	80	359	2	87
8	82	85	84	79	81	83	79	79	86	91	89	81	83	76	82	77	83	83	83	78	79	83	75	95	95	75	82
9	101	97	96	85	103	166	138	234	234	189	38	43	188	23	28	74	77	83	87	75	62	73	81	80	234	23	102
10	72	69	80	84	93	101	97	179	22	74	63	95	88	149	69	165	263	209	182	189	226	230	57	57	263	22	121
11	46	67	43	57	54	57	92	83	79	80	84	100	93	89	108	71	88	95	104	106	102	86	87	87	108	43	81
12	83	64	63	82	39	8	63	51	43	222	244	214	205	204	201	195	198	157	169	91	59	70	50	71	244	8	119
13	65	74	30	25	357	352	28	70	65	42	25	12	14	31	80	76	84	127	96	114	30	62	57	31	357	12	81
14	68	57	95	79	93	330	90	193	37	50	213	207	76	356	210	238	215	216	81	124	97	76	49	2	356	2	136
15	21	36	39	26	33	33	75	45	79	88	67	71	188	73	151	224	44	102	119	90	89	89	84	98	224	21	82
16	51	312	35	18	32	47	69	106	126	66	49	36	344	35	40	13	51	44	41	28	12	41	45	33	344	12	70
17	45	73	59	58	275	30	60	51	82	63	26	230	173	44	5	27	21	16	43	74	56	57	56	64	275	5	70
18	53	68	81	57	33	100	270	143	143	122	355	14	31	48	53	75	95	78	63	78	67	60	47	25	355	14	90
19	32	18	12	1	17	17	11	11	344	239	244	348	43	50	78	78	91	89	89	68	86	84	83	89	348	1	92
20	94	92	88	96	97	87	98	77	81	82	80	85	83	86	83	83	82	80	81	85	83	84	9	29	98	9	80
21	321	12	338	11	2	16	30	22	39	24	44	243	274	49	30	48	33	192	195	185	196	191	192	171	338	2	119
22	168	190	192	168	216	196	199	101	126	50	19	26	64	46	57	61	213	212	120	174	215	197	191	158	216	19	140
23	156	173	182	142	180	163	167	189	166	184	189	198	189	201	210	222	225	190	207	171	201	70	54	75	225	54	171
24	98	72	73	61	34	55	210	196	208	195	205	241	207	225	219	224	210	198	192	206	202	198	178	193	241	34	171
25	200	196	192	204	159	132	190	188	199	184	197	234	255	322	8	10	171	8	15	27	8	24	351	1	351	1	145
26	18	20	21	18	13	14	8	26	44	40	43	42	44	60	9	34	62	53	28	15	11	39	59	57	62	8	32
27	33	29	35	56	55	20	25	21	17	5	30	69	334	255	25	224	199	188	190	197	202	197	199	193	334	5	116
28	200	204	200	192	199	192	188	66	20	35	41	55	80	78	73	78	76	76	79	81	37	34	21	18	204	18	97
29	21	31	41	34	30	26	33	38	43	46	33	30	26	22	26	26	32	51	33	16	2	22	21	17	51	2	29
Max	321	312	338	206	359	352	270	234	344	239	355	348	344	356	219	238	263	216	207	206	226	230	357	193	359		
Min	2	12	12	1	2	8	5	11	17	5	19	12	14	22	5	10	13	3	3	15	2	14	9	1		1	
Avg.	85	90	87	77	107	99	103	99	101	98	105	116	129	109	86	104	114	112	102	102	97	92	100	75			99
																									Max Daily Mean		176
																									Min Daily Mean		29

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	6	5	15	24	21	31	26	28	31	43	81	91	87	91	80	76	85	73	73	76	30	335	19	10	335	5	60
2	10	25	10	18	24	14	14	1	349	343	13	39	23	46	64	65	96	159	196	179	188	201	183	192	349	1	102
3	193	188	186	197	195	203	146	206	203	183	213	224	230	231	299	345	339	343	28	50	12	197	196	206	345	12	200
4	204	201	203	168	205	195	186	192	194	207	213	224	227	220	242	248	227	187	186	196	170	66	78	157	248	66	191
5	70	94	85	70	75	64	70	83	67	287	14	11	42	81	74	73	75	88	88	83	150	228	347	12	347	11	97
6	22	35	30	54	62	42	62	208	210	228	228	228	221	222	242	214	213	215	215	222	222	217	214	215	242	22	168
7	210	197	202	239	47	317	241	110	160	308	253	236	5	183	225	224	19	63	44	349	250	50	56	48	349	5	168
8	62	68	93	109	81	77	49	46	94	151	100	47	59	54	65	54	47	38	48	35	41	48	55	49	151	35	65
9	66	42	44	24	13	18	26	37	24	28	23	39	33	53	47	347	357	73	178	175	187	196	201	202	357	13	101
10	194	175	200	215	201	206	203	191	182	199	214	221	232	223	219	239	233	197	174	187	191	202	182	202	239	174	203
11	196	186	160	344	73	350	122	101	258	239	24	5	237	239	230	224	219	204	200	206	199	203	213	199	350	5	193
12	202	174	29	65	51	207	68	168	224	231	247	2	15	10	31	74	73	79	83	91	65	15	20	3	247	2	93
13	358	351	341	345	352	343	2	307	34	44	76	82	75	66	71	73	74	77	85	107	119	113	113	103	358	2	155
14	95	57	40	20	15	12	22	30	19	13	25	33	54	74	81	75	82	91	93	94	87	97	98	66	98	12	57
15	37	30	29	4	347	341	341	13	38	28	79	85	84	77	76	77	79	76	88	91	86	59	11	15	347	4	91
16	346	357	359	341	18	27	26	19	17	22	19	26	24	25	18	10	28	32	41	32	20	18	5	335	359	5	90
17	77	58	35	57	99	38	53	27	50	18	52	39	26	359	292	239	236	223	199	207	195	190	122	202	359	18	129
18	40	157	56	167	151	73	229	133	150	258	219	226	357	335	314	298	242	227	206	207	97	121	123	68	357	40	185
19	16	77	65	43	46	33	68	72	73	68	48	49	350	220	222	228	224	226	215	217	210	204	182	206	350	16	140
20	206	203	211	202	208	208	203	209	216	217	219	229	251	250	251	303	338	19	19	17	58	55	64	41	338	17	175
21	40	31	19	17	22	33	52	35	17	33	269	32	28	4	66	69	79	73	73	83	93	26	25	19	269	4	52
22	26	32	8	51	71	70	84	88	55	49	49	39	29	10	17	7	349	344	24	74	87	58	55	24	349	7	71
23	15	13	15	18	19	15	18	25	37	36	28	30	33	18	7	65	88	111	100	111	86	1	7	8	111	1	38
24	27	353	29	9	20	43	32	26	53	17	37	54	57	31	5	1	10	6	327	33	30	25	296	314	353	1	76
25	18	285	324	325	324	7	34	72	57	43	26	9	358	9	14	290	263	238	315	80	81	223	174	189	358	7	156
26	81	66	223	68	66	207	11	26	35	24	29	24	14	14	7	349	343	342	186	135	118	80	64	27	349	7	106
27	326	301	112	317	14	8	25	33	12	24	17	39	58	62	82	69	69	72	89	90	98	102	103	100	326	8	92
28	91	70	75	100	102	85	81	84	64	76	71	71	62	65	79	72	77	76	77	100	112	89	27	65	112	27	78
29	58	23	25	13	4	9	3	9	13	339	340	345	65	67	75	73	73	81	83	91	79	85	55	43	345	3	85
30	357	360	356	343	2	10	359	32	28	42	26	39	64	73	77	83	81	13	58	37	69	71	66	196	360	2	118
31	196	173	94	25	172	98	34	50	248	242	225	225	240	259	228	252	344	9	24	21	26	44	35	43	344	9	138
Max	358	360	359	345	352	350	359	307	349	343	340	345	358	359	314	349	357	344	327	349	250	335	347	335	360		
Min	6	5	8	4	2	7	2	1	12	13	13	2	5	4	5	1	10	6	19	17	12	1	5	3		1	
Avg.	124	141	118	129	100	109	93	86	104	130	112	98	117	118	122	155	163	131	123	119	112	117	109	115			119
																									Max Daily Mean		203
																									Min Daily Mean		38

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	22	325	360	228	167	62	72	13	321	248	236	215	226	234	233	231	227	254	296	12	80	64	39	31	360	12	175
2	50	38	85	70	61	31	37	28	23	28	29	16	17	12	13	2	337	338	355	19	37	27	12	19	355	2	70
3	25	31	17	211	182	25	224	322	218	230	229	272	257	238	267	249	263	333	335	22	63	109	216	186	335	17	188
4	83	69	76	74	109	60	39	28	42	35	33	39	22	8	11	346	326	7	356	110	121	80	40	67	356	7	91
5	60	40	52	34	23	22	20	16	26	15	37	50	42	345	341	274	179	188	175	148	115	72	110	222	345	15	109
6	326	65	266	94	234	92	72	82	199	198	203	239	256	256	255	261	262	253	246	254	58	65	84	212	326	58	189
7	260	166	68	193	174	43	53	42	40	43	342	291	346	325	268	257	322	336	280	160	186	187	18	61	346	18	186
8	74	355	186	198	188	201	208	202	212	223	219	256	359	35	57	47	66	76	80	81	86	111	106	80	359	35	154
9	65	70	46	24	4	19	27	21	25	23	14	11	6	357	357	6	358	359	11	32	62	36	334	19	359	4	95
10	11	5	16	32	32	28	17	15	23	34	73	70	60	70	94	86	73	111	140	105	79	86	91	77	140	5	59
11	29	40	333	336	354	353	14	9	4	360	20	75	73	74	69	72	73	72	81	81	97	346	36	40	360	4	127
12	345	346	342	336	10	22	33	41	34	30	26	34	30	48	64	71	71	75	77	81	87	93	99	79	346	10	103
13	74	359	356	342	336	5	7	10	38	87	74	82	78	77	80	79	80	78	80	81	89	84	85	76	359	5	114
14	93	89	75	74	82	81	85	82	75	71	58	65	69	73	71	72	81	84	74	82	91	102	91	97	102	58	80
15	104	95	94	83	75	72	52	73	70	45	44	115	103	94	102	95	118	119	103	110	105	113	111	93	119	44	91
16	102	355	91	352	33	41	60	16	33	91	79	69	75	77	92	80	81	80	81	92	83	90	98	102	355	16	98
17	77	48	348	349	4	3	6	53	23	28	7	37	256	208	226	188	115	137	118	91	87	85	187	39	349	3	113
18	359	23	42	41	50	27	222	43	39	45	29	22	25	62	57	86	86	84	196	210	197	98	81	97	359	22	93
19	79	228	16	21	63	57	41	41	26	22	32	56	165	208	276	77	72	60	81	81	75	84	77	31	276	16	82
20	67	85	13	27	39	26	64	227	43	352	321	32	80	106	205	230	344	347	236	112	76	34	246	101	352	13	142
21	66	178	79	63	208	138	56	354	348	240	231	184	193	31	38	117	209	200	110	213	160	50	216	214	354	31	162
22	224	221	211	205	158	66	73	35	31	20	10	25	20	255	109	202	214	197	222	85	47	160	202	69	255	10	127
23	68	35	51	49	61	71	45	215	248	234	240	334	12	32	33	9	12	26	106	207	96	135	69	99	334	9	104
24	9	40	22	20	19	20	32	6	13	24	31	83	58	8	11	41	59	73	66	76	82	83	68	16	83	6	40
25	50	53	78	70	69	50	38	45	20	25	33	2	98	33	51	344	35	55	60	80	74	69	332	26	344	2	74
26	13	11	5	26	20	38	25	18	14	40	82	90	92	94	104	95	35	59	54	64	79	83	86	84	104	5	55
27	100	81	36	27	7	10	14	13	21	17	26	48	73	195	260	267	73	187	136	198	175	180	166	28	267	7	97
28	91	205	202	52	192	258	215	48	145	232	241	248	215	265	321	357	12	349	359	57	51	64	79	185	359	12	185
29	216	62	55	62	94	56	48	22	9	343	348	3	67	228	76	64	38	104	52	47	67	219	355	215	355	3	119
30	207	128	202	197	190	197	191	199	211	266	227	253	272	260	275	290	289	301	304	306	287	286	287	339	339	128	248
Max	359	359	360	352	354	353	224	354	348	360	348	334	359	357	357	357	358	359	359	306	287	346	355	339	360		
Min	9	5	5	20	4	3	6	6	4	15	7	2	6	8	11	2	12	7	11	12	37	27	12	16		2	
Avg.	112	128	127	130	108	72	70	77	86	122	119	110	121	144	147	153	150	165	162	110	100	110	134	100			119
																									Max Daily Mean		248
																									Min Daily Mean		40

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	37	30	26	4	353	0	341	Audit	Audit	Audit	306	288	286	287	298	306	320	316	322	316	325	346	355	344	355	0	248
2	325	318	327	347	332	333	336	346	348	318	278	340	353	253	307	283	239	248	290	273	259	198	129	85	353	85	286
3	85	77	25	33	56	21	35	42	84	68	68	231	161	125	215	224	261	336	309	43	166	113	122	227	336	21	130
4	171	76	113	202	87	234	68	37	245	256	253	272	185	161	94	91	58	316	210	71	64	33	50	57	316	33	142
5	46	57	53	55	87	42	45	36	33	37	72	73	81	74	59	70	80	82	86	76	76	99	72	108	108	33	67
6	343	342	307	57	82	83	79	79	74	79	87	81	95	83	78	79	77	82	83	85	89	88	104	87	343	57	113
7	99	100	78	25	8	30	22	23	355	349	43	98	303	19	65	29	41	38	84	85	61	28	67	20	355	8	86
8	4	351	38	29	38	40	31	25	27	44	5	334	330	324	3	4	345	345	352	353	15	351	59	18	353	3	144
9	21	41	98	181	54	166	76	183	268	300	281	267	261	238	237	251	244	241	277	249	197	191	166	180	300	21	194
10	207	154	151	72	162	239	156	190	203	182	184	191	191	190	183	181	185	157	179	185	175	161	153	137	239	72	174
11	149	92	64	91	88	210	194	150	152	158	201	191	214	210	213	211	225	225	191	201	183	171	187	182	225	64	173
12	124	72	30	27	9	24	342	21	68	67	76	77	77	85	105	101	107	111	188	79	227	212	211	212	342	9	110
13	204	202	201	185	178	172	189	177	212	215	210	211	221	226	218	218	233	227	216	221	203	192	197	165	233	165	204
14	185	126	69	72	352	33	16	16	8	283	220	242	66	87	218	5	301	346	300	301	287	319	344	11	352	5	175
15	7	322	296	298	318	307	312	299	303	313	263	289	263	280	282	256	293	278	274	281	299	287	207	196	322	7	272
16	200	188	211	140	82	66	39	41	33	28	49	224	331	28	53	81	349	15	63	86	87	170	98	93	349	15	115
17	98	27	10	17	19	22	12	4	35	29	354	347	54	360	116	99	126	325	180	138	41	101	87	96	360	4	112
18	53	348	11	18	9	342	353	356	44	28	54	276	359	283	172	199	273	27	125	205	241	104	74	193	359	9	173
19	92	107	63	85	18	267	39	41	14	280	234	228	226	41	54	167	96	351	89	56	80	130	165	186	351	14	129
20	205	35	290	272	155	41	35	313	279	245	240	246	13	359	278	113	129	114	167	89	70	94	98	49	359	13	164
21	26	74	118	256	28	69	66	70	62	75	76	89	150	171	56	80	103	83	94	90	88	83	81	73	256	26	90
22	69	67	73	76	77	80	74	75	72	67	75	106	117	170	153	182	66	61	65	107	141	184	121	21	184	21	96
23	196	174	54	356	24	28	326	197	231	209	18	22	42	8	61	246	22	108	304	239	181	195	194	197	356	8	151
24	198	126	74	75	180	94	68	239	269	293	231	275	310	28	14	317	335	312	324	215	116	52	124	172	335	14	185
25	54	218	160	58	130	168	209	154	203	192	174	183	162	31	22	35	28	11	28	23	47	85	80	80	218	11	106
26	81	68	72	173	46	38	41	36	30	29	35	24	350	316	38	75	140	84	225	196	338	100	210	167	350	24	121
27	163	183	188	203	172	198	209	225	226	221	214	212	232	231	208	216	212	225	204	194	205	205	181	171	232	163	204
28	47	59	112	78	108	143	50	20	356	19	27	57	82	208	278	184	231	52	55	48	40	45	85	96	356	19	103
29	94	84	133	123	61	88	97	121	106	141	158	121	165	210	234	227	229	237	252	229	175	167	115	296	296	61	161
30	71	16	23	13	7	24	47	72	65	56	96	253	218	246	225	211	106	305	225	201	293	350	186	107	350	7	142
31	107	79	71	100	203	87	33	39	21	245	224	155	37	236	97	176	156	192	192	196	166	174	177	185	245	21	139
Max	343	351	327	356	353	342	353	356	356	349	354	347	359	360	307	317	349	351	352	353	338	351	355	344	360		
Min	4	16	10	4	7	0	12	4	8	19	5	22	13	8	3	4	22	11	28	23	15	28	50	11		0	
Avg.	121	136	114	120	114	119	127	121	148	161	155	194	191	180	149	159	181	189	192	166	159	162	145	136			152
																									Max Daily Mean		286
																									Min Daily Mean		67

Total Hours in month: **744** **Hours Data Available:** **741** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	161	92	194	177	178	157	166	224	243	233	234	236	239	230	227	238	223	208	225	169	49	51	43	64	243	43	178
2	66	59	88	41	34	40	35	19	46	332	180	263	239	234	283	282	299	276	301	246	312	327	13	67	332	13	170
3	84	97	95	93	92	180	243	208	210	228	203	200	220	166	190	214	246	217	170	201	182	186	37	37	246	37	167
4	54	87	54	37	44	21	19	13	20	241	210	231	287	280	11	39	67	30	95	85	82	73	58	74	287	11	92
5	93	87	74	70	71	74	74	72	63	55	158	122	112	234	56	71	89	165	220	82	45	80	62	77	234	45	96
6	79	74	69	67	63	56	29	21	192	194	191	141	33	47	36	217	234	67	22	47	48	83	82	81	234	21	91
7	30	353	3	324	13	14	31	33	25	32	23	19	353	40	80	36	64	316	185	9	62	95	81	50	353	3	95
8	17	25	43	30	27	31	49	5	57	55	63	69	75	74	68	151	82	41	76	44	65	113	105	111	151	5	61
9	88	97	183	193	198	187	208	198	215	210	212	222	240	235	248	250	289	297	294	331	320	2	49	64	331	2	201
10	131	181	191	164	186	174	218	208	217	221	259	242	218	193	227	9	320	189	202	207	100	28	21	63	320	9	174
11	53	87	57	356	6	353	23	12	291	245	305	268	328	1	6	1	353	15	12	25	8	32	56	80	356	1	124
12	54	81	29	43	78	1	40	28	36	236	215	217	213	224	136	40	33	53	63	53	77	61	26	23	236	1	86
13	32	53	48	48	65	54	75	44	236	225	226	5	25	20	27	8	40	213	199	186	172	185	63	209	236	5	102
14	187	195	65	10	35	29	11	11	311	242	231	214	258	37	200	195	213	233	291	205	53	143	196	196	311	10	157
15	190	157	98	61	72	19	16	318	242	204	130	231	235	244	145	129	24	54	80	144	181	116	80	103	318	16	136
16	76	55	80	69	58	56	54	56	52	65	56	42	96	248	255	227	231	219	192	191	182	191	175	216	255	42	131
17	201	199	201	188	181	196	198	200	201	216	213	219	216	220	199	137	39	198	198	62	124	113	167	191	220	39	178
18	211	181	153	86	77	182	31	163	205	235	229	235	263	248	49	72	303	210	212	208	191	202	210	148	303	31	179
19	209	211	117	79	87	175	50	45	333	241	226	241	241	252	282	293	214	195	241	218	188	209	212	195	333	45	198
20	153	108	178	107	175	179	207	201	214	226	221	274	261	37	57	58	212	238	240	337	49	81	79	58	337	37	165
21	40	67	61	210	78	107	198	122	64	62	31	223	295	307	304	259	222	233	230	83	122	202	220	71	307	31	159
22	83	197	86	92	81	321	20	33	27	293	296	33	228	218	246	243	243	266	268	96	345	48	19	58	345	19	160
23	37	60	147	65	61	4	267	212	17	13	179	176	4	288	255	282	74	77	65	40	62	85	104	61	288	4	110
24	68	65	61	82	65	181	337	303	124	175	200	209	210	237	231	214	218	223	231	214	209	208	180	187	337	61	185
25	205	214	209	215	212	189	35	7	28	10	338	264	268	228	248	257	247	250	254	247	198	176	92	210	338	7	192
26	187	161	147	48	52	50	163	200	193	181	177	165	165	178	187	223	208	194	203	189	175	186	203	197	223	48	168
27	184	207	66	57	62	188	196	301	340	352	314	327	323	322	328	319	353	343	16	46	53	55	133	191	353	16	211
28	183	175	177	198	202	196	207	208	223	215	216	201	200	169	159	190	259	47	220	194	199	202	207	198	259	47	194
29	193	196	200	185	202	70	69	0	252	27	241	270	225	312	284	266	301	310	6	34	67	25	73	300	312	0	171
30	343	47	65	70	64	45	355	205	352	333	331	331	300	233	270	287	338	77	202	198	120	53	237	98	355	45	206
Max	343	353	209	356	212	353	355	318	352	352	338	331	353	322	328	319	353	343	301	337	345	327	237	300	356		
Min	17	25	3	10	6	1	11	0	17	10	23	5	4	1	6	1	24	15	6	9	8	2	13	23		0	
Avg.	123	129	108	116	94	118	121	122	168	187	204	196	212	192	176	174	201	182	174	146	134	120	109	123			151
																									Max Daily Mean		211
																									Min Daily Mean		61

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	202	87	152	197	197	71	199	198	202	215	214	214	273	25	185	208	202	204	258	66	180	184	73	177	273	25	174
2	162	319	182	118	198	27	211	219	217	232	6	281	238	348	239	179	215	69	54	15	75	48	52	67	348	6	157
3	81	74	86	27	32	27	358	221	242	225	229	228	202	202	201	193	98	277	147	55	101	73	62	78	358	27	147
4	213	207	174	158	180	196	213	200	197	205	218	253	317	200	204	212	274	39	29	6	37	109	66	79	317	6	166
5	95	58	21	57	37	42	37	18	24	66	29	29	57	184	221	38	20	243	63	59	45	81	101	69	243	18	71
6	104	89	40	323	43	50	279	30	24	228	256	1	343	62	245	216	209	62	115	106	76	77	72	84	343	1	131
7	49	163	47	58	34	27	64	50	52	69	85	96	88	82	87	137	93	75	76	122	227	196	192	178	227	27	98
8	165	177	200	209	221	236	327	261	220	213	221	223	214	220	233	203	240	240	233	251	243	219	208	199	327	165	224
9	197	158	45	53	76	67	44	35	25	240	260	264	300	102	207	337	41	6	23	16	76	94	64	25	337	6	115
10	25	56	23	12	23	20	37	8	8	31	22	323	253	276	323	304	326	312	265	236	212	203	206	196	326	8	154
11	196	211	206	214	213	201	213	217	208	218	203	217	228	237	244	253	252	244	120	162	252	228	167	180	253	120	212
12	128	127	90	227	180	42	55	35	315	250	218	217	178	214	231	254	226	234	232	211	207	201	205	211	315	35	187
13	195	173	152	161	82	42	321	223	318	17	331	333	271	230	235	234	256	273	323	325	343	346	305	297	346	17	241
14	326	96	91	187	87	76	201	209	233	246	232	216	231	228	237	240	245	257	280	241	228	167	89	143	326	76	199
15	187	162	171	132	137	177	20	40	300	205	237	206	216	242	243	240	245	222	188	179	206	240	218	261	300	20	195
16	235	207	214	209	208	216	217	223	233	236	220	229	234	219	208	215	216	213	197	201	214	212	205	203	236	197	216
17	208	207	215	209	186	196	215	280	271	304	272	333	98	250	258	250	257	260	263	262	257	257	243	330	333	98	245
18	314	213	200	198	193	201	211	216	236	236	253	236	243	235	242	244	218	232	210	210	356	60	83	213	356	60	219
19	189	182	183	191	199	191	195	196	199	210	204	203	196	194	230	35	49	42	30	30	30	50	60	69	230	30	140
20	67	59	199	220	209	224	213	221	222	235	218	214	221	284	282	253	259	274	71	289	174	210	186	94	289	59	204
21	51	44	175	46	36	35	44	28	44	314	225	206	192	202	178	190	179	193	181	177	134	99	83	63	314	28	130
22	30	28	31	32	65	73	56	29	20	29	354	3	2	248	179	213	219	211	242	262	238	209	214	222	354	2	134
23	211	173	202	210	214	211	206	290	264	265	28	41	240	238	257	258	264	286	310	306	28	356	229	209	356	28	221
24	199	93	82	324	260	297	353	240	227	239	210	236	265	258	291	305	343	48	275	327	300	335	46	138	353	46	237
25	193	190	194	41	27	64	111	45	28	26	278	262	281	354	340	358	23	349	328	1	79	90	44	94	358	1	158
26	88	79	88	55	304	283	357	15	21	22	11	335	22	3	13	357	22	256	241	235	238	201	196	142	357	3	149
27	55	84	142	41	72	109	191	195	186	220	212	212	222	220	222	238	255	256	290	359	19	360	50	97	360	19	179
28	90	84	89	90	186	149	203	59	54	29	273	238	273	238	265	272	255	266	267	254	233	194	167	141	273	29	182
29	114	76	70	81	189	219	88	92	219	231	231	254	215	220	178	204	219	227	229	237	193	175	167	171	254	70	179
30	196	173	203	211	158	166	187	208	5	288	252	232	227	217	242	246	251	245	302	338	1	30	38	20	338	1	185
31	20	49	84	54	87	166	177	201	208	286	335	351	227	275	232	259	199	136	82	73	76	107	36	80	351	20	158
Max	326	319	215	324	304	297	358	290	318	314	354	351	343	354	340	358	343	349	328	359	356	360	305	330	360		
Min	20	28	21	12	23	20	20	8	5	17	6	1	2	3	13	35	20	6	23	1	1	30	36	20		1	
Avg.	148	132	131	140	140	132	181	145	162	188	204	216	212	210	224	230	199	202	191	181	164	174	133	146			174
																									Max Daily Mean		245
																									Min Daily Mean		71

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	95	86	83	85	42	54	69	64	53	324	211	191	198	199	198	212	196	199	189	193	161	183	154	158	324	42	150
2	79	37	60	78	74	62	127	112	162	10	259	210	221	196	205	215	200	220	259	194	282	76	191	204	282	10	156
3	214	206	221	202	214	220	216	212	226	219	235	268	259	283	244	242	249	211	188	181	194	206	200	205	283	181	221
4	212	207	187	198	92	52	65	71	40	13	16	13	9	20	293	232	282	66	40	23	48	41	39	45	293	9	96
5	205	182	75	112	210	127	66	325	4	253	236	276	238	297	355	249	25	66	66	196	259	59	102	68	355	4	169
6	83	61	45	31	40	172	42	67	356	44	12	208	225	352	11	266	143	138	129	131	147	122	55	187	356	11	128
7	222	199	140	20	63	92	211	109	31	205	203	208	224	240	260	351	3	338	334	345	6	14	43	28	351	3	162
8	45	81	152	187	200	111	65	67	51	31	24	5	321	335	298	330	325	324	313	330	333	344	49	78	344	5	183
9	83	108	179	172	198	172	63	147	224	224	228	234	247	258	266	246	258	268	272	304	284	256	153	164	304	63	209
10	204	179	154	84	113	81	75	63	39	21	227	234	252	263	267	268	272	269	261	275	283	232	177	201	283	21	187
11	176	103	87	155	80	96	55	33	45	34	41	29	327	331	248	223	324	1	343	213	229	277	194	76	343	1	155
12	99	87	81	65	37	87	182	56	22	19	14	21	16	326	285	188	358	51	28	14	30	26	52	59	358	14	92
13	58	23	55	17	254	98	32	42	324	13	327	328	247	217	217	250	285	280	277	258	356	82	95	120	356	13	177
14	114	78	53	95	103	124	82	73	61	28	287	238	209	243	221	238	237	243	235	244	226	170	144	153	287	28	162
15	3	268	192	83	208	105	185	186	174	201	214	215	227	233	249	256	258	235	215	355	72	8	69	240	355	3	185
16	253	213	216	40	357	50	48	25	24	34	21	58	305	249	234	260	291	252	246	205	175	174	164	155	357	21	169
17	167	53	72	81	312	346	65	51	320	208	214	291	6	332	5	27	17	325	358	332	7	68	61	118	358	5	160
18	228	106	149	160	138	85	65	59	52	357	19	358	268	221	217	215	233	227	214	194	175	162	193	194	358	19	179
19	133	230	207	69	130	182	177	202	203	292	259	225	237	227	233	225	227	223	219	209	195	201	190	162	292	69	202
20	179	175	108	88	70	63	95	49	353	114	306	14	4	350	16	77	16	269	221	185	174	211	215	198	353	4	148
21	218	207	213	212	230	199	189	251	237	220	216	216	285	340	314	6	347	291	331	29	57	61	83	124	347	6	203
22	89	81	42	88	90	74	139	30	48	28	23	7	358	3	351	305	287	309	183	154	146	120	58	69	358	3	128
23	77	78	33	53	49	57	66	45	8	311	224	202	215	231	229	246	244	216	205	224	180	171	163	193	311	8	155
24	188	196	181	195	110	51	60	54	49	347	204	193	206	226	255	207	205	208	199	242	274	68	320	205	347	49	185
25	202	104	166	184	188	199	202	229	213	223	239	257	271	235	256	234	264	261	257	247	223	224	197	196	271	104	220
26	196	193	191	185	181	38	66	72	51	77	273	302	315	327	301	336	276	226	156	210	194	54	47	72	336	38	181
27	152	180	219	209	208	208	204	203	222	238	267	260	274	274	267	270	256	268	272	267	202	219	254	233	274	152	234
28	231	228	290	208	198	225	242	203	221	276	271	270	263	256	304	292	252	251	225	213	201	185	183	77	304	77	232
29	123	79	71	159	51	78	39	28	28	22	31	23	3	9	241	229	246	194	203	185	174	71	129	84	246	3	104
30	75	65	41	351	31	45	38	3	126	354	33	343	289	217	220	216	191	180	207	207	209	181	195	233	354	3	169
31	233	187	177	193	197	183	201	104	225	215	235	283	273	272	263	254	243	240	30	70	25	351	92	35	351	25	191
Max	253	268	290	351	357	346	242	325	356	357	327	358	358	352	355	351	358	338	358	355	356	351	320	240	358		
Min	3	23	33	17	31	38	32	3	4	10	12	5	3	3	5	6	3	1	28	14	6	8	39	28		1	
Avg.	150	138	134	131	144	120	111	104	135	160	173	193	219	244	236	231	226	221	215	207	178	149	137	140			171
																									Max Daily Mean		234
																									Min Daily Mean		92

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Wind Dir - A (Deg)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	38	56	27	58	54	71	10	70	72	33	47	4	237	197	148	174	227	243	230	207	204	209	214	218	243	4	127
2	203	200	201	208	213	201	198	185	223	4	297	233	225	232	228	237	231	214	171	181	150	131	171	138	297	4	195
3	63	62	87	45	50	18	351	12	309	218	150	186	214	209	7	177	53	301	235	287	154	151	169	179	351	7	154
4	251	140	202	190	218	215	210	166	266	218	16	336	150	143	165	155	158	166	170	164	163	150	207	209	336	16	184
5	206	159	160	184	194	155	105	161	148	163	199	213	210	218	210	216	213	214	207	206	208	204	185	191	218	105	189
6	221	206	170	170	189	227	210	14	37	55	18	333	347	268	319	33	30	30	44	41	60	72	51	26	347	14	132
7	37	43	65	45	51	46	58	20	205	29	19	32	25	16	286	163	76	333	3	12	56	51	62	72	333	3	75
8	65	175	184	147	73	63	71	41	42	46	54	264	298	229	212	95	247	271	24	79	326	55	27	48	326	24	131
9	30	76	54	83	68	49	54	46	46	11	2	357	341	355	2	27	12	28	25	39	26	34	70	34	357	2	78
10	26	50	51	40	46	34	34	34	22	11	20	74	99	107	56	27	353	4	24	65	81	85	77	335	353	4	73
11	58	347	321	25	37	74	347	26	76	81	74	67	67	32	43	96	72	73	82	105	104	106	106	104	347	25	105
12	35	36	75	35	41	354	348	1	22	62	40	21	18	25	14	18	22	352	53	91	156	194	172	83	354	1	94
13	84	261	219	86	182	206	195	179	214	183	353	220	240	242	257	222	284	185	190	284	45	78	134	197	353	45	197
14	82	164	70	48	69	128	96	37	1	193	48	55	80	65	296	13	318	3	27	158	49	90	91	144	318	1	97
15	88	50	51	49	66	6	23	35	34	17	298	294	207	184	170	163	154	151	142	160	147	154	164	146	298	6	123
16	153	161	161	153	155	146	140	317	76	109	137	158	157	146	132	139	188	209	186	186	196	186	209	196	317	76	166
17	203	186	192	198	175	196	201	207	210	210	213	211	207	232	239	257	197	204	226	212	192	189	192	177	257	175	205
18	178	249	185	66	50	84	341	347	294	306	307	309	199	278	267	242	216	197	195	192	318	176	104	48	347	48	214
19	121	88	52	45	120	176	123	232	119	80	112	139	144	154	145	119	152	173	184	190	183	183	192	113	232	45	139
20	99	192	217	55	76	28	232	335	219	24	283	174	285	13	49	54	28	34	82	37	29	117	32	40	335	13	114
21	141	72	197	188	195	206	184	159	53	278	261	263	9	20	21	19	83	89	98	108	89	87	92	100	278	9	125
22	144	145	124	130	135	173	245	142	124	31	77	20	338	7	121	121	151	311	358	5	148	133	129	192	358	5	146
23	222	220	90	170	189	188	266	176	165	173	202	246	209	211	219	212	208	203	200	193	192	209	254	325	325	90	206
24	199	56	131	43	163	180	188	196	220	231	236	262	306	340	266	278	359	301	50	80	70	49	78	37	359	37	180
25	116	71	25	12	359	36	30	30	22	14	23	286	359	178	176	159	155	142	117	91	82	90	92	85	359	12	115
26	70	63	96	102	115	204	76	31	51	340	31	24	354	297	240	143	217	148	119	113	85	74	75	76	354	24	131
27	80	82	87	78	83	113	124	69	82	278	41	31	28	44	27	9	300	216	185	85	82	62	74	84	300	9	98
28	53	65	64	9	35	58	76	98	77	177	345	10	243	198	221	208	185	181	181	160	161	116	183	191	345	9	137
29	128	175	69	336	193	94	76	218	43	39	75	259	248	235	207	201	197	189	197	198	186	189	197	185	336	39	172
30	190	203	213	192	192	208	242	266	4	299	290	286	318	14	264	0	358	349	353	340	191	121	184	21	358	0	212
Max	251	347	321	336	359	354	351	347	309	340	353	357	359	355	319	278	359	352	358	340	326	209	254	335	359		
Min	26	36	25	9	35	6	10	1	1	4	2	4	9	7	2	0	12	3	3	5	26	34	27	21		0	
Avg.	119	135	128	106	126	131	162	128	116	130	142	179	205	163	167	133	181	184	145	142	138	125	133	133			144
																									Max Daily Mean		214
																									Min Daily Mean		73

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	50	70	67	23	55	69	41	70	76	29	23	16	15	22	48	66	55	80	44	25	12	15	10	9	80	9	41
2	39	26	20	13	13	23	35	81	67	41	88	77	47	37	44	19	15	18	80	27	31	20	12	8	88	8	37
3	14	72	39	23	53	27	32	45	21	40	51	66	42	58	41	28	11	52	52	39	50	72	71	51	72	11	44
4	53	38	47	76	71	18	78	OutCal	OutCal	OutCal	OutCal	OutCal	OutCal	29	56	21	11	9	9	16	9	16	44	14	78	9	34
5	19	24	46	38	38	29	40	43	26	18	16	22	24	19	41	45	23	19	31	33	26	33	36	37	46	16	30
6	13	19	15	21	18	28	24	22	27	27	23	19	15	18	24	15	26	36	49	24	28	40	32	29	49	13	25
7	25	18	23	50	20	48	44	52	15	19	17	20	18	20	32	33	50	11	13	10	56	37	31	19	56	10	28
8	7	14	27	11	12	33	13	40	29	16	19	40	33	54	40	17	12	15	14	23	11	21	10	13	54	7	22
9	17	12	11	14	15	12	16	13	16	17	14	26	25	27	9	11	9	39	34	15	47	27	24	17	47	9	20
10	11	45	42	36	38	21	13	11	13	14	19	12	10	9	7	7	9	11	12	12	11	14	8	17	45	7	17
11	31	14	17	16	10	10	17	16	13	12	10	13	14	19	33	30	39	28	23	25	26	19	29	25	39	10	20
12	18	15	12	21	52	39	39	37	39	10	9	13	17	19	26	18	12	11	10	24	33	28	33	14	52	9	23
13	30	19	11	29	53	52	40	14	74	48	44	22	24	42	41	25	20	9	13	11	17	12	37	12	74	9	29
14	33	25	22	15	11	25	15	55	43	40	62	31	27	58	53	55	49	49	33	15	11	9	13	17	62	9	32
15	14	11	12	19	17	16	17	8	7	10	7	17	19	37	34	38	10	17	34	57	46	26	45	30	57	7	23
16	34	30	46	34	34	21	59	37	28	30	24	41	28	33	51	30	31	11	44	19	36	45	24	44	59	11	34
17	14	18	39	42	29	29	23	15	13	21	28	26	45	22	40	20	18	11	23	46	45	20	20	14	46	11	26
18	17	21	18	12	11	23	18	16	30	26	47	35	12	11	9	11	12	11	12	10	11	11	12	12	47	9	17
19	9	9	9	10	9	9	10	10	13	17	13	19	23	57	33	42	44	48	38	21	25	40	30	33	57	9	24
20	33	28	64	20	11	13	14	15	12	10	12	17	32	49	54	24	21	17	16	15	22	16	14	14	64	10	22
21	14	14	11	14	28	29	12	13	12	11	12	9	8	10	17	17	20	22	26	32	19	19	14	11	32	8	16
22	12	9	8	10	11	13	11	11	11	10	13	21	37	21	51	15	12	28	10	22	23	26	23	24	51	8	18
23	25	45	37	34	43	23	47	32	23	24	27	20	18	9	11	14	44	10	15	16	34	63	37	60	63	9	30
24	15	17	31	17	37	49	21	13	18	17	10	22	10	12	13	27	36	16	19	20	14	14	17	10	49	10	20
25	18	48	50	58	65	62	54	34	55	79	73	67	74	44	11	10	8	9	9	11	14	10	57	37	79	8	40
26	56	39	14	12	20	54	31	45	28	21	24	22	19	21	22	19	20	14	15	36	26	11	18	16	56	11	25
27	38	26	26	13	17	14	21	20	20	18	26	29	31	30	19	15	11	15	16	14	17	13	18	18	38	11	20
28	18	12	13	17	20	19	16	12	13	36	12	19	18	10	22	22	9	23	38	43	24	12	9	10	43	9	19
29	12	47	37	20	28	23	27	37	30	27	26	16	19	17	16	26	69	67	34	13	14	12	20	34	69	12	28
30	30	10	15	14	10	11	13	11	9	9	10	16	19	31	22	16	17	15	23	26	14	14	11	10	31	9	16
31	10	30	38	30	8	8	13	9	29	40	36	21	10	10	9	10	10	12	10	51	47	30	23	39	51	8	22
Max	56	72	67	76	71	69	78	81	76	79	88	77	74	58	56	66	69	80	80	57	56	72	71	60	88		
Min	7	9	8	10	8	8	10	8	7	9	7	9	8	9	7	7	8	9	9	10	9	9	8	8		7	
Avg.	24	27	28	25	28	27	27	28	27	24	26	26	24	28	30	24	24	24	26	24	26	24	25	23			26
																									Max Daily Mean		44
																									Min Daily Mean		16

Total Hours in month: **744** **Hours Data Available:** **738** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	45	40	41	43	39	38	42	21	19	11	23	15	27	41	19	11	32	37	40	36	28	36	34	35	45	11	31
2	27	30	14	54	59	17	16	13	9	10	14	20	12	23	20	11	12	14	33	40	25	35	19	21	59	9	23
3	12	36	45	54	63	18	39	58	47	18	12	12	15	16	12	8	19	40	36	60	50	26	42	64	64	8	33
4	24	57	40	24	12	28	8	18	44	25	21	36	14	11	12	10	10	12	33	16	37	21	18	25	57	8	23
5	29	14	11	19	18	38	15	21	13	24	18	34	29	14	21	16	33	20	27	32	27	22	27	27	38	11	23
6	32	16	13	10	10	10	11	8	10	15	25	19	15	18	13	20	18	20	43	34	18	30	11	18	43	8	18
7	11	31	16	49	49	15	18	13	41	38	48	33	34	11	28	33	24	26	31	29	47	65	67	48	67	11	34
8	42	45	10	10	12	13	12	13	13	12	12	16	30	47	19	11	18	27	26	49	55	52	27	18	55	10	24
9	23	28	17	23	17	17	13	12	13	11	13	17	26	15	10	17	12	11	17	19	21	24	14	42	42	10	18
10	20	24	33	22	10	17	15	15	12	11	40	44	12	24	20	50	34	21	22	26	35	38	20	24	50	10	25
11	19	11	12	13	20	17	15	32	35	55	38	39	32	66	18	16	14	14	13	12	12	16	12	17	66	11	23
12	21	18	21	17	24	26	28	38	26	18	16	14	12	14	12	7	9	12	29	24	16	36	14	27	38	7	20
13	16	35	46	42	39	38	15	20	18	17	19	20	21	22	17	17	29	26	24	19	21	21	16	18	46	15	24
14	25	24	26	14	11	10	9	14	19	30	27	42	34	17	25	8	7	44	30	33	41	38	43	16	44	7	24
15	37	39	6	9	15	42	20	11	45	17	24	10	21	34	20	28	10	9	24	20	20	17	8	24	45	6	21
16	49	28	24	41	29	29	29	38	30	40	49	46	46	63	59	51	76	68	45	61	69	55	40	33	76	24	46
17	37	56	51	47	57	55	40	34	48	36	63	56	47	11	18	16	16	9	34	40	13	10	13	12	63	9	34
18	15	13	34	41	43	29	33	25	23	21	13	15	18	26	11	8	9	11	14	15	9	15	17	7	43	7	19
19	16	14	17	16	13	29	10	14	15	13	20	26	16	15	20	13	17	16	16	12	18	21	21	19	29	10	17
20	18	17	15	14	17	14	13	12	11	13	15	13	12	12	23	65	18	48	15	22	38	28	21	36	65	11	21
21	32	50	32	37	41	37	18	42	36	18	54	47	33	45	25	25	23	49	15	48	50	36	40	46	54	15	37
22	62	55	42	50	41	47	53	47	44	57	66	48	43	47	35	46	51	46	22	18	23	24	20	37	66	18	43
23	34	42	19	17	12	12	37	68	41	46	24	27	36	33	38	22	17	64	29	42	17	21	47	24	68	12	32
24	42	42	50	32	16	14	11	44	39	50	31	30	44	11	23	13	20	20	40	23	25	27	24	25	50	11	29
25	11	29	22	29	23	27	23	9	30	48	43	27	27	43	39	32	12	33	31	20	50	26	12	10	50	9	27
26	36	17	37	10	18	17	30	27	45	15	45	37	22	27	18	41	7	21	43	29	22	10	14	24	45	7	25
27	33	64	42	47	44	31	24	46	41	13	33	20	28	12	12	12	11	13	11	12	17	12	13	12	64	11	25
28	10	12	14	14	13	12	14	19	13	11	14	12	20	24	17	16	49	30	15	15	15	12	68	43	68	10	20
29	49	16	49	42	48	32	32	26	32	30	17	37	16	19	37	22	49	44	59	39	41	15	10	15	59	10	32
30	20	32	27	17	46	58	47	47	35	34	45	20	16	19	21	17	16	20	13	13	16	11	7	12	58	7	25
Max	62	64	51	54	63	58	53	68	48	57	66	56	47	66	59	65	76	68	59	61	69	65	68	64	76		
Min	10	11	6	9	10	10	8	8	9	10	12	10	12	11	10	7	7	9	11	12	9	10	7	7		6	
Avg.	28	31	27	28	29	26	23	27	28	25	29	28	25	26	22	22	22	27	28	29	29	27	25	26			27
																									Max Daily Mean		46
																									Min Daily Mean		17

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	10	14	11	10	10	31	24	12	11	41	36	27	35	47	47	37	59	17	13	20	34	44	17	56	59	10	28
2	47	56	60	28	49	13	35	31	27	29	57	54	27	30	21	16	15	16	22	20	19	23	16	20	60	13	30
3	23	23	20	19	32	64	26	19	20	23	15	16	18	20	26	43	15	73	60	40	27	71	68	85	85	15	35
4	59	62	37	63	38	63	45	59	68	73	34	25	18	20	20	26	28	47	37	19	23	13	15	16	73	13	38
5	14	20	19	23	61	23	16	17	19	23	19	20	21	19	20	29	19	17	18	16	23	26	22	22	61	14	22
6	20	16	17	24	15	14	16	13	15	19	15	19	22	25	32	47	50	25	9	9	12	9	14	11	50	9	19
7	12	23	19	19	16	20	24	21	13	26	25	67	21	53	55	39	14	14	17	12	19	17	15	18	67	12	24
8	12	13	12	11	11	13	10	11	13	18	14	18	13	13	16	38	14	17	23	44	25	25	34	48	48	10	19
9	30	21	10	55	11	44	27	25	32	16	45	35	33	15	27	40	32	49	54	31	30	19	29	30	55	10	31
10	16	24	21	15	12	12	15	48	28	16	12	16	14	26	20	24	19	17	24	16	15	16	45	42	48	12	21
11	44	24	53	70	55	32	36	50	20	24	19	17	19	15	13	9	13	13	10	11	10	10	42	11	70	9	26
12	10	49	27	35	25	19	24	17	27	18	25	36	26	31	31	24	41	23	13	20	14	18	28	15	49	10	25
13	14	23	22	11	14	13	15	19	14	12	17	21	24	13	23	53	24	28	21	16	17	22	33	24	53	11	20
14	27	12	17	22	21	12	20	21	16	37	13	16	31	19	17	16	15	17	19	20	23	9	12	13	37	9	19
15	22	15	11	15	11	12	10	8	13	11	10	14	15	16	25	24	16	21	69	29	16	42	11	19	69	8	19
16	36	31	21	30	21	42	46	28	23	18	26	22	35	29	17	21	14	12	22	14	12	60	37	36	60	12	27
17	39	53	32	29	41	23	22	52	27	65	11	20	43	32	72	58	42	60	19	23	21	18	26	30	72	11	36
18	33	50	42	48	53	61	27	47	47	42	53	17	15	16	24	22	49	20	47	15	28	50	12	17	61	12	35
19	34	22	22	47	50	45	54	24	31	27	42	12	21	12	10	12	9	21	13	28	42	15	18	13	54	9	26
20	10	12	13	12	25	39	20	43	38	42	40	32	51	15	39	49	18	19	33	39	37	66	39	72	72	10	33
21	49	29	40	66	54	57	32	50	34	28	13	16	26	38	18	50	14	21	15	24	28	41	68	14	68	13	34
22	31	15	13	15	20	30	10	19	15	22	21	53	21	14	9	17	11	13	8	8	13	21	20	18	53	8	18
23	37	6	14	6	30	19	17	18	15	17	17	26	13	18	12	10	9	17	49	10	38	34	9	15	49	6	19
24	38	22	11	47	36	46	18	35	19	26	21	36	35	17	12	21	15	46	46	53	18	11	16	17	53	11	28
25	48	18	23	14	33	26	30	56	34	45	21	23	32	27	16	14	17	11	17	20	56	52	59	49	59	11	31
26	17	13	57	22	15	15	12	10	11	25	40	20	17	16	12	9	10	14	18	14	12	10	8	9	57	8	17
27	58	50	34	31	16	25	29	14	14	35	25	31	41	51	60	49	30	35	21	10	33	24	28	37	60	10	32
28	33	52	15	14	10	11	34	34	30	53	42	39	30	8	11	16	8	14	11	12	11	16	10	12	53	8	22
29	7	11	16	9	33	17	14	15	45	31	38	35	15	21	9	29	37	34	67	66	53	37	14	44	67	7	29
30	58	47	43	10	29	14	20	36	21	39	36	25	19	12	37	11	36	16	15	29	30	45	32	34	58	10	29
31	34	51	51	28	54	27	16	32	40	35	36	55	53	12	12	17	26	47	20	8	41	22	38	31	55	8	33
Max	59	62	60	70	61	64	54	59	68	73	57	67	53	53	72	58	59	73	69	66	56	71	68	85	85		
Min	7	6	10	6	10	11	10	8	11	11	10	12	13	8	9	9	8	11	8	8	10	9	8	9		6	
Avg.	30	28	26	27	29	28	24	29	25	30	27	28	26	22	25	28	23	26	27	22	25	29	27	28			27
																									Max Daily Mean		38
																									Min Daily Mean		17

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	51	14	14	43	13	32	42	33	45	33	21	34	15	12	16	21	16	39	12	37	34	32	49	43	51	12	29
2	25	46	24	37	39	45	30	38	34	38	40	48	34	34	15	9	13	15	51	13	11	51	43	24	51	9	31
3	16	35	11	46	42	39	47	27	48	21	13	11	11	12	34	40	9	30	19	34	30	40	42	14	48	9	28
4	36	18	27	33	27	45	24	48	41	37	32	45	14	14	23	12	14	8	9	11	10	27	25	29	48	8	25
5	14	14	8	13	9	11	9	15	14	34	19	16	17	14	13	12	11	14	13	53	53	51	46	20	53	8	20
6	11	39	72	61	10	9	28	25	19	22	17	16	14	15	41	50	57	12	17	17	20	11	9	12	72	9	25
7	13	36	33	27	36	40	42	24	36	72	18	39	24	15	35	61	36	27	34	49	41	48	33	34	72	13	35
8	52	13	12	14	16	13	12	15	13	10	8	11	12	14	12	11	13	16	13	34	39	30	47	29	52	8	19
9	26	32	45	25	12	12	51	17	10	15	17	17	17	25	31	18	49	55	36	56	56	20	27	21	56	10	29
10	17	34	17	17	22	30	63	62	60	68	53	40	40	27	41	41	55	34	58	53	52	53	21	34	68	17	41
11	34	40	54	49	35	35	57	30	23	42	45	39	48	45	68	29	43	47	25	16	23	15	27	13	68	13	37
12	20	24	15	16	14	13	12	12	11	10	12	12	13	12	28	50	57	31	29	24	19	29	30	23	57	10	21
13	20	16	23	21	22	25	27	27	19	39	13	10	14	25	14	15	16	19	8	7	6	18	6	11	39	6	17
14	12	31	31	37	26	13	12	24	13	25	23	36	34	30	12	9	12	14	24	28	20	27	38	20	38	9	23
15	30	34	42	25	42	19	25	10	39	35	38	33	41	24	12	18	46	16	13	19	3	31	15	13	46	3	26
16	14	11	17	17	21	34	30	11	10	33	36	24	12	12	25	9	15	25	27	24	13	21	22	24	36	9	20
17	34	41	13	15	21	43	15	31	37	7	34	13	18	13	21	21	20	15	39	29	16	27	14	16	43	7	23
18	15	17	19	17	45	24	31	19	19	62	33	17	16	24	36	29	57	12	14	10	26	55	17	35	62	10	27
19	45	20	28	52	15	23	16	19	20	38	27	23	28	8	8	12	16	18	25	20	30	45	31	15	52	8	24
20	38	63	28	57	23	39	43	20	17	19	19	15	27	22	29	15	15	17	22	28	26	14	11	10	63	10	26
21	14	9	23	50	30	50	38	15	30	40	11	13	21	55	10	12	10	11	9	8	9	9	8	8	55	8	21
22	7	7	8	8	7	11	13	12	9	10	9	11	12	19	20	20	14	17	13	24	35	62	29	28	62	7	17
23	18	13	13	14	11	11	9	10	8	13	16	15	15	12	10	12	12	13	9	9	10	8	10	10	18	8	12
24	9	11	11	15	8	8	12	11	7	8	7	9	6	6	9	8	8	8	7	8	6	10	11	6	15	6	9
25	13	15	11	13	47	41	32	50	12	27	15	28	52	12	13	7	8	7	8	5	9	7	14	8	52	5	19
26	11	38	17	9	8	8	9	9	7	5	7	10	16	20	46	19	28	27	13	18	10	15	20	41	46	5	17
27	68	58	48	32	23	26	39	19	28	10	39	22	28	22	11	16	31	26	18	14	49	31	21	50	68	10	30
28	41	50	46	44	48	30	43	20	32	26	31	31	10	25	9	38	37	47	21	44	31	50	45	50	50	9	35
29	40	50	35	42	14	53	25	42	37	17	32	13	41	30	32	16	18	15	11	38	35	36	36	38	53	11	31
30	29	47	48	59	59	39	65	44	13	28	20	50	43	29	23	32	37	32	11	38	30	18	38	49	65	11	37
31	49	17	29	24	48	43	21	27	35	28	16	40	44	37	9	7	8	10	14	11	17	37	24	23	49	7	26
Max	68	63	72	61	59	53	65	62	60	72	53	50	52	55	68	61	57	55	58	56	56	62	49	50	72		
Min	7	7	8	8	7	8	9	9	7	5	7	9	6	6	8	7	8	7	7	5	3	7	6	6		3	
Avg.	26	29	27	30	26	28	30	25	24	28	23	24	24	21	23	22	25	22	20	25	25	30	26	24			25
																									Max Daily Mean		41
																									Min Daily Mean		9

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	34	31	25	32	47	17	41	18	46	12	11	12	9	20	16	48	13	17	13	12	13	13	12	13	48	9	22
2	17	24	12	12	13	47	44	44	44	25	29	21	28	26	30	53	62	48	30	30	51	25	28	34	62	12	32
3	24	45	31	23	13	27	22	16	18	13	14	15	13	13	29	21	19	11	18	13	42	29	19	16	45	11	21
4	13	10	13	17	14	18	17	18	13	12	13	14	16	31	13	18	17	13	11	16	16	49	48	17	49	10	18
5	36	12	9	12	14	8	12	12	10	10	14	11	12	11	11	10	9	14	11	11	47	56	37	32	56	8	17
6	21	54	25	16	17	11	14	16	24	15	15	25	24	25	27	42	16	17	14	14	18	16	18	21	54	11	21
7	26	29	26	33	52	58	23	14	13	12	11	11	11	9	8	17	35	9	12	13	19	36	7	7	58	7	20
8	7	9	10	10	9	9	8	8	11	9	12	13	12	11	11	9	18	13	9	10	10	10	11	15	18	7	11
9	12	11	9	24	12	39	39	41	55	55	31	28	60	52	16	25	12	10	13	18	40	21	10	6	60	6	27
10	7	11	11	10	10	8	17	29	45	31	34	37	35	60	52	66	41	26	28	24	34	32	22	40	66	7	30
11	34	22	36	20	22	17	41	17	15	17	21	10	10	17	41	18	12	12	14	9	11	11	19	27	41	9	20
12	17	25	20	13	19	17	38	43	35	63	20	18	19	19	16	17	22	32	49	31	38	31	16	16	63	13	26
13	31	40	24	21	49	41	19	13	9	29	35	53	46	17	31	60	25	42	35	48	62	22	29	30	62	9	34
14	27	22	18	20	29	55	23	65	22	25	19	56	42	57	31	16	23	11	15	43	20	18	45	48	65	11	31
15	32	15	18	15	16	18	22	19	13	12	12	10	35	15	63	59	25	9	12	53	10	9	11	40	63	9	23
16	30	60	28	14	45	19	35	28	27	23	34	15	43	22	25	23	20	21	18	19	37	23	24	51	60	14	28
17	42	19	27	18	60	44	40	34	61	29	30	45	41	33	29	18	10	41	48	31	21	30	45	29	61	10	34
18	29	36	57	61	49	62	77	27	40	48	47	52	19	27	15	13	10	12	11	8	11	22	29	21	77	8	33
19	17	24	17	28	12	11	13	14	36	55	60	53	19	14	13	9	9	11	11	19	16	16	16	14	60	9	21
20	14	11	10	9	11	14	12	14	14	13	13	10	8	10	8	9	7	7	7	7	15	14	52	24	52	7	13
21	35	38	25	13	11	14	17	17	19	10	30	32	29	27	14	15	50	14	9	41	28	25	13	40	50	9	23
22	33	14	17	49	60	11	25	31	43	20	21	49	19	15	13	26	49	31	32	23	33	33	15	50	60	11	30
23	27	38	45	28	45	59	41	27	43	29	35	18	20	16	17	16	13	21	20	15	31	46	12	9	59	9	28
24	48	20	24	68	12	11	44	31	25	42	39	64	18	16	16	11	12	10	15	12	19	17	27	15	68	10	26
25	10	10	14	18	32	38	11	18	38	37	43	25	30	21	14	19	29	46	15	23	41	10	19	22	46	10	24
26	11	13	14	12	10	14	13	14	9	9	16	10	12	33	38	26	34	21	23	16	13	14	11	14	38	9	17
27	17	18	19	15	13	12	8	9	15	11	29	23	38	26	42	32	11	10	9	10	9	12	15	12	42	8	17
28	9	7	11	12	11	11	27	25	27	14	15	27	33	21	13	10	10	12	13	16	31	16	13	11	33	7	16
29	8	11	12	8	18	14	10	12	11	16	8	11	11	11	12	10	7	10	10	26	34	11	11	15	34	7	13
Max	48	60	57	68	60	62	77	65	61	63	60	64	60	60	63	66	62	48	49	53	62	56	52	51	77		
Min	7	7	9	8	9	8	8	8	9	9	8	10	8	9	8	9	7	7	7	7	9	9	7	6		6	
Avg.	23	23	21	22	25	25	26	23	27	24	24	26	24	23	23	25	21	19	18	21	27	23	22	24			23
																									Max Daily Mean		34
																									Min Daily Mean		11

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	16	15	18	16	25	30	30	42	38	49	26	36	23	16	16	14	20	22	69	84	60	65	40	19	84	14	33
2	15	12	15	18	18	15	10	12	20	15	16	24	17	27	31	21	12	30	34	14	15	6	25	11	34	6	18
3	12	42	15	17	18	16	45	24	13	22	13	14	17	39	37	41	21	23	15	18	29	33	17	13	45	12	23
4	12	10	10	34	12	11	14	14	14	11	11	18	17	23	19	27	14	18	7	6	25	34	34	43	43	6	18
5	18	53	28	37	19	26	34	24	48	63	50	24	34	12	14	13	14	11	10	11	35	40	36	11	63	10	28
6	11	20	11	41	37	19	32	63	47	15	15	14	12	14	20	13	18	16	15	13	12	15	16	15	63	11	21
7	17	20	25	29	28	50	41	27	29	26	17	35	20	35	18	33	19	15	18	28	39	33	20	14	50	14	26
8	22	28	26	52	50	49	32	44	49	30	61	29	18	22	21	27	25	20	27	62	44	35	37	23	62	18	35
9	18	17	18	18	14	18	21	19	24	21	23	32	18	22	14	30	31	28	15	10	10	13	14	10	32	10	19
10	12	21	16	10	8	11	11	11	22	12	9	13	16	17	23	13	15	12	7	8	7	7	18	30	30	7	14
11	11	18	44	46	19	39	26	21	29	30	25	28	22	23	18	16	13	9	10	10	8	13	10	13	46	8	21
12	10	32	41	13	45	24	26	12	22	52	32	23	20	16	20	14	13	12	17	9	34	22	18	23	52	9	23
13	20	12	15	14	19	26	30	72	80	66	48	15	14	11	9	10	9	7	7	9	9	11	11	8	80	7	22
14	17	24	30	15	13	18	17	18	17	13	15	15	20	11	11	14	13	11	12	13	16	14	19	41	41	11	17
15	41	26	19	28	13	10	11	19	22	17	22	12	13	14	12	11	10	12	11	12	17	32	44	36	44	10	19
16	15	16	15	25	26	12	10	12	14	14	10	13	11	12	15	14	14	9	11	13	9	8	12	15	26	8	14
17	26	48	45	29	41	32	18	30	57	34	15	15	22	19	30	22	18	14	10	8	13	35	28	28	57	8	26
18	32	39	30	50	42	31	29	36	37	37	28	29	47	50	48	45	21	15	8	6	36	29	37	31	50	6	33
19	33	27	36	39	26	26	20	15	20	20	52	21	34	21	15	16	10	11	12	7	10	13	27	11	52	7	22
20	12	11	12	20	11	13	15	7	8	7	10	17	36	38	33	24	26	12	13	12	14	15	11	18	38	7	16
21	16	14	10	8	8	20	10	13	14	11	38	61	32	20	19	14	10	11	11	12	20	14	13	11	61	8	17
22	12	19	29	28	21	21	52	27	42	12	18	15	20	19	19	26	17	10	16	10	36	38	52	19	52	10	24
23	16	14	15	12	13	14	22	15	23	18	14	12	10	16	17	12	12	9	17	20	38	38	21	13	38	9	17
24	13	22	30	22	16	18	14	37	18	19	29	21	33	30	20	22	31	28	21	17	13	22	37	23	37	13	23
25	29	34	25	22	22	16	28	15	12	11	16	14	15	17	30	36	31	35	19	13	21	20	28	27	36	11	22
26	41	16	22	39	29	61	62	24	65	10	10	9	12	18	17	17	36	63	28	13	19	45	23	28	65	9	29
27	60	39	24	61	36	24	24	16	11	15	16	17	12	20	16	10	10	9	10	12	12	11	7	9	61	7	20
28	16	15	15	14	10	14	22	13	16	10	11	9	11	11	10	9	8	9	10	9	9	16	43	37	43	8	14
29	57	36	28	20	21	19	48	17	17	18	22	37	17	13	11	11	10	8	7	14	8	8	49	32	57	7	22
30	22	45	25	15	13	16	15	15	14	23	23	20	17	12	14	12	14	42	30	10	9	16	36	16	45	9	20
31	16	24	37	23	20	19	16	16	15	18	25	17	27	26	25	30	48	31	15	14	11	33	14	29	48	11	23
Max	60	53	45	61	50	61	62	72	80	66	61	61	47	50	48	45	48	63	69	84	60	65	52	43	84		
Min	10	10	10	8	8	10	10	7	8	7	9	9	10	11	9	9	8	7	7	6	7	6	7	8		6	
Avg.	22	25	23	26	22	23	25	23	28	23	23	21	21	21	20	20	18	18	16	16	20	24	26	21			22
																									Max Daily Mean		35
																									Min Daily Mean		14

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	18	47	29	12	15	23	15	26	29	24	15	27	29	24	17	23	19	23	28	47	30	18	17	21	47	12	24
2	17	26	17	19	24	20	20	18	16	15	13	16	18	18	14	18	21	18	18	19	18	10	10	9	26	9	17
3	9	10	13	29	27	23	26	32	43	27	40	46	41	31	33	25	39	37	27	13	10	46	50	41	50	9	30
4	15	38	60	16	50	54	57	40	16	23	14	15	13	15	14	28	38	24	15	30	32	52	17	10	60	10	29
5	26	23	23	26	26	20	18	14	17	23	10	12	42	30	49	63	45	34	39	23	13	30	39	32	63	10	28
6	23	53	56	26	56	40	48	54	17	20	21	31	23	21	23	23	19	23	20	37	16	14	23	21	56	14	29
7	34	51	18	39	32	13	20	20	21	20	32	39	41	40	54	26	51	18	34	11	11	13	23	15	54	11	28
8	10	53	8	14	17	13	18	16	12	13	20	35	42	46	23	21	9	10	10	7	10	10	16	20	53	7	19
9	54	39	32	16	24	12	15	17	16	13	15	15	15	24	22	37	23	16	11	9	10	34	44	29	54	9	23
10	15	22	13	19	12	11	12	14	35	57	26	11	11	13	55	31	32	43	37	24	9	18	28	19	57	9	24
11	46	75	38	17	15	16	17	16	21	32	24	16	18	15	10	14	17	11	7	6	39	39	42	46	75	6	25
12	30	17	13	14	15	25	22	19	13	13	17	16	19	24	18	21	12	9	6	6	10	14	15	36	36	6	17
13	29	44	18	15	15	16	17	21	57	17	14	11	15	16	9	9	10	9	10	9	16	21	19	16	57	9	18
14	11	11	17	26	25	20	22	21	14	12	13	10	12	9	11	9	10	11	8	8	8	12	17	16	26	8	14
15	15	14	12	11	15	15	16	13	10	20	41	54	18	12	16	24	22	18	17	45	24	13	10	14	54	10	20
16	19	24	53	27	43	52	31	42	39	17	12	12	14	20	23	18	19	10	8	6	6	6	9	11	53	6	22
17	40	32	71	44	24	35	36	43	11	18	33	50	62	39	27	30	32	52	12	44	16	25	52	40	71	11	36
18	41	60	49	19	17	26	37	20	33	16	15	13	41	44	26	41	12	21	26	26	14	20	28	24	60	12	28
19	40	36	34	43	36	41	44	14	14	13	18	27	59	26	37	15	24	17	12	10	5	6	12	26	59	5	25
20	16	16	28	11	15	15	47	59	22	21	41	43	9	20	20	14	36	19	35	11	20	16	45	19	59	9	25
21	38	24	22	45	21	27	9	25	27	37	29	22	61	12	44	51	20	13	38	13	23	27	22	48	61	9	29
22	15	20	13	10	32	11	18	22	18	18	17	28	55	43	52	47	15	31	23	19	21	33	30	25	55	10	26
23	10	11	13	28	35	24	20	48	39	28	18	38	20	20	12	35	28	23	17	55	38	24	41	29	55	10	27
24	22	24	15	16	12	12	14	19	11	17	15	20	31	34	29	28	41	14	13	11	8	6	13	33	41	6	19
25	13	12	11	15	11	11	16	14	13	12	21	30	39	30	31	25	23	24	12	11	11	11	39	32	39	11	19
26	26	20	15	14	14	16	14	14	15	25	18	37	16	25	27	20	31	36	17	16	6	9	24	44	44	6	21
27	14	27	32	31	20	30	17	19	14	16	15	26	41	58	38	56	39	31	29	19	23	23	44	38	58	14	29
28	36	20	51	20	36	57	41	39	29	18	26	39	46	30	55	27	40	32	32	24	12	12	26	15	57	12	32
29	43	10	21	20	28	32	16	26	21	21	28	24	19	54	21	18	43	34	15	18	46	45	24	22	54	10	27
30	7	8	13	10	10	12	14	26	26	41	30	32	22	19	21	19	17	20	21	17	16	14	14	29	41	7	19
Max	54	75	71	45	56	57	57	59	57	57	41	54	62	58	55	63	51	52	39	55	46	52	52	48	75		
Min	7	8	8	10	10	11	9	13	10	12	10	10	9	9	9	9	9	9	6	6	5	6	9	9		5	
Avg.	24	29	27	22	24	24	24	26	22	21	22	26	30	27	28	27	26	23	20	20	17	21	26	26			24
																									Max Daily Mean		36
																									Min Daily Mean		14

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	21	13	12	16	24	22	24	Audit	Audit	Audit	21	25	18	25	21	24	21	22	25	20	22	23	23	22	25	12	21
2	21	22	26	29	27	23	22	26	25	22	29	35	38	64	34	54	44	34	39	34	26	12	18	10	64	10	30
3	34	28	16	21	13	31	15	20	13	14	23	64	59	78	43	41	25	39	30	14	32	12	29	50	78	12	31
4	24	17	34	23	36	23	32	26	41	36	39	41	50	52	30	51	62	33	17	11	41	24	28	24	62	11	33
5	18	15	14	32	48	25	33	22	17	24	16	22	20	27	18	15	11	7	12	19	18	15	48	28	48	7	22
6	79	56	57	44	15	12	10	9	10	11	10	14	12	13	16	14	13	11	10	11	9	14	9	11	79	9	20
7	13	8	27	43	22	18	47	34	29	45	19	54	30	20	24	18	41	26	10	7	16	17	16	28	54	7	25
8	21	25	25	14	10	17	13	12	18	19	24	22	23	23	20	20	20	21	20	18	20	30	19	14	30	10	19
9	19	19	18	51	32	10	61	66	36	37	55	43	39	37	39	39	36	24	51	32	29	15	20	17	66	10	34
10	26	44	55	49	55	47	35	28	45	34	30	34	27	34	32	41	44	45	32	32	30	42	32	50	55	26	38
11	51	37	19	20	26	29	47	26	23	28	35	40	25	22	21	21	25	37	32	20	22	17	44	18	51	17	28
12	60	27	10	15	47	30	26	33	14	14	14	14	18	15	29	15	22	17	31	48	30	28	23	28	60	10	25
13	25	25	19	22	26	31	22	26	25	37	23	31	32	28	20	26	24	23	20	20	17	24	17	53	53	17	26
14	18	56	35	15	47	22	14	14	15	43	47	36	15	44	35	30	50	40	24	19	27	21	22	25	56	14	30
15	52	42	28	19	20	22	27	30	35	32	32	36	35	33	48	24	26	22	20	19	16	21	14	9	52	9	27
16	9	20	28	36	12	22	26	17	18	49	48	25	42	35	36	27	33	20	33	12	26	26	7	13	49	7	26
17	40	29	30	13	20	14	12	16	26	19	27	35	41	49	49	24	30	38	24	41	16	36	18	18	49	12	28
18	35	71	55	23	19	47	17	24	22	19	37	54	38	34	27	24	59	29	14	42	49	17	11	44	71	11	34
19	14	52	62	37	41	68	39	21	20	30	57	28	27	63	42	43	38	38	40	14	20	23	25	8	68	8	35
20	18	29	15	39	41	26	26	32	39	16	55	25	41	38	30	57	48	67	45	14	10	6	13	34	67	6	32
21	56	47	65	59	59	10	11	10	13	12	22	23	49	59	34	30	22	43	14	12	9	7	4	6	65	4	28
22	7	9	10	10	13	9	10	9	11	17	22	17	35	39	32	45	41	19	17	22	34	23	24	43	45	7	22
23	10	34	22	18	13	15	42	29	23	15	33	42	26	33	13	45	16	37	28	22	11	13	48	23	48	10	25
24	16	34	12	12	30	35	44	21	30	43	19	34	26	16	24	36	38	29	31	16	26	19	30	22	44	12	27
25	13	34	15	14	20	43	26	37	24	25	27	19	36	30	17	15	13	16	13	9	12	13	13	13	43	9	21
26	9	41	13	41	26	9	11	12	10	17	18	25	22	32	28	34	59	38	23	36	35	42	5	35	59	5	26
27	38	13	15	8	16	12	13	11	17	16	30	20	18	21	20	18	23	26	19	16	14	15	14	43	43	8	19
28	12	13	30	8	29	28	15	17	23	14	27	26	24	29	38	39	48	29	22	10	13	18	15	11	48	8	22
29	21	15	38	35	15	24	21	21	20	41	37	20	36	69	34	28	39	58	30	23	34	23	35	23	69	15	31
30	24	15	14	13	13	13	13	11	14	20	47	59	46	27	33	54	51	56	35	22	41	25	21	37	59	11	29
31	37	17	16	9	26	15	17	13	13	27	22	32	21	43	9	57	27	29	18	27	27	18	17	14	57	9	23
Max	79	71	65	59	59	68	61	66	45	49	57	64	59	78	49	57	62	67	51	48	49	42	48	53	79		
Min	7	8	10	8	10	9	10	9	10	11	10	14	12	13	9	14	11	7	10	7	9	6	4	6		4	
Avg.	27	29	27	25	27	24	25	22	22	26	30	32	31	36	29	32	34	31	25	21	24	21	21	25			27
																									Max Daily Mean		38
																									Min Daily Mean		19

Total Hours in month: **744** **Hours Data Available:** **741** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	23	25	18	26	20	23	25	37	18	16	20	30	26	22	18	21	21	18	46	36	30	13	19	26	46	13	24
2	71	24	47	55	12	12	41	20	19	58	49	40	29	34	37	34	28	49	49	60	36	22	30	21	71	12	36
3	13	11	20	12	11	67	41	20	13	18	20	20	28	22	27	27	24	20	26	18	44	47	46	14	67	11	25
4	23	55	14	14	19	19	13	38	51	52	12	17	42	67	57	14	15	29	20	7	8	24	21	36	67	7	28
5	17	33	6	12	13	12	15	12	27	45	49	22	34	42	33	15	24	33	48	35	16	11	10	8	49	6	24
6	7	9	9	8	11	9	9	20	32	49	28	28	11	19	24	35	18	24	14	14	19	9	29	13	49	7	19
7	23	16	18	34	11	19	15	13	13	11	17	28	31	17	18	13	15	19	30	33	18	11	14	21	34	11	19
8	13	24	20	44	20	38	41	27	11	14	20	19	18	19	17	32	20	43	26	15	14	22	10	6	44	6	22
9	24	48	13	11	18	15	14	17	13	18	17	24	25	21	24	39	34	43	36	23	25	29	22	30	48	11	24
10	59	19	22	46	41	46	36	14	17	20	34	35	26	22	25	44	49	44	17	18	47	34	41	34	59	14	33
11	17	9	56	66	47	56	22	18	39	22	44	67	28	23	28	21	22	21	22	15	14	13	16	11	67	9	29
12	27	31	14	15	17	48	18	13	32	21	16	22	18	25	37	10	12	18	14	18	13	16	12	8	48	8	20
13	10	15	14	14	13	11	13	33	29	26	19	53	24	28	18	19	20	25	7	11	24	33	39	20	53	7	22
14	13	22	41	18	13	19	20	29	44	36	40	50	51	50	35	14	23	24	44	29	43	44	11	9	51	9	30
15	6	25	23	19	41	27	23	39	48	48	27	47	29	22	47	33	11	14	12	23	14	54	19	8	54	6	27
16	15	24	7	6	8	8	10	13	14	19	18	39	26	25	46	26	18	15	19	16	17	28	21	22	46	6	19
17	11	6	7	41	31	14	13	10	16	13	14	16	16	20	34	23	36	20	34	47	44	48	33	30	48	6	24
18	36	16	27	9	15	48	30	67	25	20	34	38	28	38	16	26	61	28	13	10	9	14	13	39	67	9	27
19	32	19	43	12	20	27	30	16	42	42	30	30	44	33	19	34	17	18	31	27	32	13	17	36	44	12	28
20	49	42	25	15	46	41	43	17	19	20	32	34	39	32	20	63	19	23	18	38	15	12	38	42	63	12	31
21	16	47	34	46	36	33	25	22	13	48	62	51	50	36	33	46	27	17	22	21	31	30	39	31	62	13	34
22	46	49	18	27	49	56	20	26	27	26	41	31	39	41	32	30	33	28	30	43	34	16	26	13	56	13	32
23	24	31	43	20	14	30	61	38	35	40	44	44	33	51	47	69	12	13	28	22	21	16	8	48	69	8	33
24	16	11	14	9	54	69	36	40	76	53	28	38	45	36	31	27	26	22	28	18	21	17	23	15	76	9	31
25	11	13	9	10	22	31	34	45	32	36	38	43	28	25	21	29	29	35	23	37	31	22	41	26	45	9	28
26	10	33	50	19	17	17	49	22	21	18	19	21	15	17	20	30	20	22	18	11	26	8	9	10	50	8	21
27	11	33	25	22	26	51	33	33	28	20	23	22	28	26	23	24	24	24	32	23	18	20	20	43	51	11	26
28	24	24	11	8	9	13	11	11	12	12	18	18	15	10	10	23	32	21	33	17	7	7	10	9	33	7	15
29	7	7	16	34	35	26	31	28	31	57	34	35	29	28	29	26	34	25	34	28	15	33	58	42	58	7	30
30	23	37	19	23	22	27	39	34	50	30	26	25	42	35	24	22	45	39	11	12	21	39	26	31	50	11	29
Max	71	55	56	66	54	69	61	67	76	58	62	67	51	67	57	69	61	49	49	60	47	54	58	48	76		
Min	6	6	6	6	8	8	9	10	11	11	12	16	11	10	10	10	11	13	7	7	7	7	8	6		6	
Avg.	23	25	23	23	24	30	27	26	28	30	29	33	30	29	28	29	25	26	26	24	23	23	24	23			26
																									Max Daily Mean		36
																									Min Daily Mean		15

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	31	28	64	57	51	22	14	15	11	20	15	16	35	36	39	15	22	25	58	30	18	29	46	55	64	11	31
2	33	24	50	31	35	34	40	19	19	28	42	30	25	25	28	35	27	30	15	37	35	37	13	11	50	11	29
3	15	33	34	27	13	17	41	45	20	13	14	23	20	19	20	21	32	28	14	12	28	17	12	46	46	12	23
4	11	15	28	39	44	40	43	26	11	14	32	46	36	25	11	13	24	14	15	17	14	12	14	41	46	11	24
5	67	22	40	33	13	28	13	16	16	17	19	31	38	22	23	38	35	34	43	14	12	8	38	27	67	8	27
6	46	23	14	45	10	42	58	15	35	51	50	28	49	22	42	16	26	27	21	42	28	53	20	10	58	10	32
7	49	41	12	16	19	19	10	11	20	15	28	22	18	18	13	40	37	14	11	12	45	24	58	26	58	10	24
8	28	19	40	15	16	20	33	24	37	19	22	28	36	21	24	37	30	30	21	21	29	26	12	9	40	9	25
9	25	42	36	14	20	30	27	28	30	24	30	30	46	43	34	34	21	25	18	21	12	34	13	47	47	12	28
10	12	9	32	28	36	42	30	18	22	26	21	23	48	31	35	28	25	22	44	33	13	9	10	16	48	9	25
11	12	18	16	14	12	11	13	12	18	18	33	34	72	35	23	44	22	35	60	53	26	25	21	29	72	11	27
12	44	41	41	54	40	39	20	26	36	27	43	37	56	29	53	48	26	25	29	19	27	18	11	16	56	11	33
13	19	23	34	22	21	17	32	46	49	44	34	33	48	32	26	27	25	23	25	22	22	22	17	35	49	17	29
14	51	13	20	50	12	27	14	40	18	20	38	28	27	32	31	24	25	33	21	25	24	26	60	18	60	12	28
15	21	47	22	22	16	27	43	32	40	59	54	35	24	25	24	26	25	24	19	22	15	30	39	30	59	15	30
16	25	26	13	17	12	13	17	20	17	19	17	19	20	18	12	16	23	14	13	13	20	24	10	9	26	9	17
17	9	11	9	10	14	11	13	33	29	22	24	26	32	25	23	25	19	17	19	17	14	13	13	24	33	9	19
18	19	20	10	9	13	16	16	15	23	27	27	22	25	26	24	27	23	26	18	13	29	9	20	11	29	9	19
19	14	41	35	31	45	21	21	19	16	15	19	16	14	37	24	30	13	10	7	12	12	17	19	12	45	7	21
20	16	15	13	14	15	29	33	16	27	22	20	31	51	32	42	44	28	26	45	23	15	29	24	34	51	13	27
21	36	23	43	29	47	9	8	12	53	55	20	17	28	23	23	20	22	23	21	16	12	41	7	19	55	7	25
22	7	8	14	13	42	69	10	28	26	20	46	69	65	37	41	29	34	34	39	31	20	14	10	14	69	7	30
23	16	24	20	21	16	12	12	49	33	35	19	44	25	32	33	26	24	24	27	26	14	27	29	14	49	12	25
24	12	38	48	38	42	22	23	29	35	28	22	28	24	21	24	21	26	28	25	25	16	20	26	10	48	10	26
25	13	19	48	31	31	12	15	15	16	25	41	48	39	41	51	26	15	23	24	24	11	13	15	24	51	11	26
26	11	45	50	64	54	48	45	21	13	13	16	38	18	25	33	36	35	61	24	23	15	9	13	43	64	9	31
27	17	39	41	34	44	47	15	28	19	23	26	19	21	24	25	37	27	23	22	19	22	33	31	11	47	11	27
28	10	9	9	26	21	26	33	44	24	44	50	37	27	27	31	58	25	22	23	20	17	17	26	30	58	9	27
29	46	47	19	27	50	46	55	46	20	23	32	47	24	28	26	40	26	32	24	22	17	17	21	19	55	17	31
30	17	25	17	20	24	27	31	17	53	29	45	26	24	30	27	25	23	23	35	27	25	21	23	21	53	17	26
31	21	31	51	66	46	34	47	21	26	57	28	26	52	57	54	36	50	57	14	11	12	16	39	23	66	11	36
Max	67	47	64	66	54	69	58	49	53	59	54	69	72	57	54	58	50	61	60	53	45	53	60	55	72		
Min	7	8	9	9	10	9	8	11	11	13	14	16	14	18	11	13	13	10	7	11	11	8	7	9		7	
Avg.	24	26	30	29	28	28	27	25	26	27	30	31	34	29	30	30	26	27	26	23	20	22	23	24			27
																									Max Daily Mean		36
																									Min Daily Mean		17

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	11	13	13	26	19	15	10	10	17	41	39	39	21	40	30	27	37	27	26	27	18	19	28	35	41	10	24
2	28	21	21	18	45	30	36	44	58	38	25	35	33	21	21	19	17	24	48	23	39	31	25	21	58	17	30
3	35	13	16	10	11	12	17	17	27	24	42	48	44	39	31	24	24	20	25	25	21	17	14	18	48	10	24
4	11	22	31	42	43	23	22	35	21	13	15	16	19	16	35	17	33	12	9	13	20	15	15	20	43	9	22
5	35	43	40	42	8	26	16	40	29	48	36	43	21	42	46	43	28	27	39	27	44	23	51	58	58	8	36
6	41	12	8	37	42	53	23	56	42	14	33	28	15	37	32	36	53	44	20	35	38	38	33	30	56	8	33
7	38	46	40	53	23	39	47	47	35	21	31	28	29	39	23	24	20	26	26	38	32	39	18	13	53	13	32
8	15	29	38	39	30	66	17	14	16	20	31	46	27	31	29	38	21	20	21	23	24	43	27	31	66	14	29
9	25	24	35	35	24	41	42	46	29	21	17	25	32	28	24	23	26	19	19	21	13	19	37	39	46	13	28
10	38	34	23	19	33	42	34	34	28	52	26	35	22	19	17	19	19	16	20	16	13	16	39	34	52	13	27
11	31	18	30	41	21	30	31	16	28	22	28	40	40	41	31	23	34	22	32	14	31	41	36	47	47	14	30
12	61	13	10	10	11	25	20	12	41	26	26	42	37	25	30	24	46	15	44	13	19	17	18	15	61	10	25
13	30	15	69	36	34	27	17	42	39	30	45	33	15	23	42	40	43	27	23	19	32	11	39	36	69	11	32
14	30	30	29	38	39	37	21	39	14	23	41	29	46	34	48	32	33	22	20	26	13	46	21	57	57	13	32
15	28	38	46	51	61	61	41	57	53	24	27	28	28	20	39	20	19	26	29	20	22	35	36	25	61	19	35
16	21	18	11	38	22	30	15	15	25	37	38	41	49	36	58	22	27	21	20	26	17	18	18	25	58	11	27
17	28	31	20	50	54	36	15	33	33	16	16	31	27	38	33	20	32	23	18	17	21	35	38	42	54	15	29
18	29	30	46	26	33	25	21	45	15	21	17	28	43	30	26	39	25	32	28	26	35	41	26	22	46	15	30
19	28	55	15	24	29	49	41	42	26	53	33	29	25	26	25	26	21	20	17	21	16	22	28	26	55	15	29
20	54	33	65	58	53	22	34	20	48	53	29	26	21	37	35	23	15	27	25	20	19	21	17	11	65	11	32
21	23	12	11	11	20	10	29	29	56	26	17	20	43	25	24	19	23	42	23	17	22	14	36	50	56	10	25
22	13	21	51	28	53	22	43	42	16	10	16	18	20	27	25	24	29	41	61	18	13	50	27	11	61	10	28
23	9	8	13	15	16	11	9	15	33	30	51	24	19	28	23	22	22	27	20	15	18	23	35	13	51	8	21
24	24	24	49	46	60	15	17	12	21	60	26	21	19	36	21	21	17	16	19	26	38	44	37	32	60	12	29
25	56	48	36	29	21	26	17	23	15	23	24	23	28	20	21	20	28	20	22	21	21	17	13	12	56	12	24
26	11	14	18	27	33	45	12	27	20	43	29	38	49	54	44	30	40	47	63	14	28	22	21	34	63	11	32
27	58	25	32	15	17	17	15	23	17	20	23	20	17	20	24	21	23	19	20	22	26	25	19	21	58	15	22
28	12	27	30	17	12	45	27	14	37	22	19	22	20	34	18	21	22	24	21	13	15	37	21	29	45	12	23
29	52	15	29	24	43	29	25	32	26	16	14	19	19	24	58	27	29	29	28	18	33	55	30	12	58	12	29
30	32	20	37	69	48	47	47	59	57	74	51	41	37	27	44	36	32	39	17	21	16	24	26	19	74	16	38
31	19	20	25	17	19	20	43	34	17	13	15	34	29	25	19	18	31	35	18	13	32	18	73	17	73	13	25
Max	61	55	69	69	61	66	47	59	58	74	51	48	49	54	58	43	53	47	63	38	44	55	73	58	74		
Min	9	8	8	10	8	10	9	10	14	10	14	16	15	16	17	17	15	12	9	13	13	11	13	11		8	
Avg.	30	25	30	32	31	31	26	31	30	30	28	31	29	30	32	26	28	26	26	21	24	28	29	28			28
																									Max Daily Mean		38
																									Min Daily Mean		21

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Sigma T - A (Deg)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	17	16	13	21	13	50	28	19	13	55	24	26	26	29	28	41	23	22	27	18	13	20	13	19	55	13	24
2	16	13	11	13	17	24	16	24	44	31	52	58	32	32	24	28	25	29	29	22	18	20	27	38	58	11	27
3	26	41	31	22	31	33	31	25	46	62	60	32	33	46	30	62	58	42	52	53	27	39	34	24	62	22	39
4	36	59	20	34	33	16	12	48	44	39	16	58	54	40	51	33	36	41	36	31	45	29	32	23	59	12	36
5	20	25	45	45	35	49	39	24	36	25	22	24	20	19	20	20	20	22	20	22	28	19	23	17	49	17	27
6	16	15	23	21	19	31	18	40	13	25	16	35	43	34	32	30	16	15	15	17	17	22	17	33	43	13	23
7	13	11	16	16	25	16	28	33	36	13	18	19	16	34	26	36	36	41	21	36	12	17	19	12	41	11	23
8	13	27	30	39	47	15	14	32	25	17	22	50	40	29	21	42	47	26	29	50	50	27	30	20	50	13	31
9	23	19	40	28	34	34	26	17	18	26	18	25	27	26	22	25	20	14	14	21	22	23	21	26	40	14	24
10	18	19	16	31	16	12	11	13	16	18	21	20	22	53	27	18	18	18	10	14	8	11	40	51	53	8	21
11	51	62	51	37	56	27	45	51	21	13	11	13	19	30	52	43	10	10	10	6	9	16	15	12	62	6	28
12	39	37	41	66	33	24	34	25	26	15	14	14	15	17	18	12	11	13	16	10	19	10	40	26	66	10	24
13	10	60	17	23	31	20	12	38	23	27	44	40	30	25	26	34	40	21	30	25	14	12	36	46	60	10	28
14	51	42	13	14	57	41	40	18	45	59	59	35	12	26	27	22	29	14	14	30	19	10	25	41	59	10	31
15	33	43	32	40	46	52	28	30	39	31	25	52	30	62	59	39	65	49	28	37	28	43	37	65	65	25	41
16	53	58	57	42	56	58	38	55	67	39	52	41	51	69	27	27	41	35	25	25	25	23	26	20	69	20	42
17	25	30	23	26	32	41	22	26	26	26	22	21	20	26	27	33	27	22	25	24	14	12	19	25	41	12	25
18	45	24	29	28	49	44	32	44	51	33	38	49	46	39	45	49	11	22	28	19	35	33	37	31	51	11	36
19	35	39	32	25	32	42	27	55	36	52	38	48	60	54	31	33	67	36	27	24	24	33	26	38	67	24	38
20	26	24	45	54	21	37	46	24	38	29	33	44	38	25	23	14	24	30	55	21	16	42	46	42	55	14	33
21	38	33	37	22	23	24	21	58	48	46	29	30	37	19	26	23	14	12	26	10	20	29	14	12	58	10	27
22	29	37	57	52	33	32	24	52	28	42	22	24	28	45	29	54	52	42	29	62	32	13	30	25	62	13	36
23	15	30	39	25	28	67	55	27	28	23	41	40	38	23	23	24	24	21	21	18	19	17	41	49	67	15	31
24	47	35	38	17	18	37	46	16	14	13	21	18	40	62	54	34	27	42	6	14	13	24	20	29	62	6	28
25	52	56	40	42	32	20	16	15	10	14	24	40	76	53	43	46	26	34	19	23	7	9	11	12	76	7	30
26	24	43	13	11	20	46	53	16	27	53	38	19	34	48	51	63	47	41	6	9	11	8	8	7	63	6	29
27	7	8	9	9	11	27	27	46	39	29	22	18	14	17	13	18	35	28	21	33	15	14	16	33	46	7	21
28	34	43	63	31	31	23	12	14	11	47	35	33	35	33	31	33	22	20	19	34	25	32	41	37	63	11	31
29	55	39	23	45	46	54	16	27	51	25	25	35	38	18	20	20	17	16	9	8	31	12	13	42	55	8	28
30	20	11	11	10	10	16	20	24	25	30	36	31	31	31	33	28	23	20	24	42	11	26	37	48	48	10	25
Max	55	62	63	66	57	67	55	58	67	62	60	58	76	69	59	63	67	49	55	62	50	43	46	65	76		
Min	7	8	9	9	10	12	11	13	10	13	11	13	12	17	13	12	10	10	6	6	7	8	8	7		6	
Avg.	29	33	30	30	31	34	28	31	31	32	30	33	33	35	31	33	30	27	23	25	21	21	26	30			30
																									Max Daily Mean		42
																									Min Daily Mean		21

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	OutCal	OutCal	OutCal	OutCal	OutCal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.5	0.5	0.0	0.0
19	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.5	0.5		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **739** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	1.0	0.5	0.5	0.3	0.3	1.3	1.3	0.0	0.2
5	0.8	0.8	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0
23	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.8	0.8	0.3	0.0	0.3	0.3	0.3	0.3	0.0	0.3	0.3	0.8	0.3	0.0	0.3	0.3	0.3	0.3	1.0	0.5	0.5	0.3	0.3	1.3	1.3		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.2
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Max	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.3	0.5	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.5	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.3	0.3	0.0	0.3	0.5	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.8		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.1
																									Min Daily Mean		0.0

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.3	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
7	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Max	0.0	0.3	0.0	0.0	0.3	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.0
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1
Max	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	1.0		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.1
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	Audit	Audit	Audit	Audit	Audit	Audit	Audit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	N/A
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0
23	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.5	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	8.1	3.1	3.8	2.3	8.1	0.0	0.7
25	1.8	1.3	1.5	0.3	0.5	0.3	1.3	2.0	2.0	2.8	0.8	0.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.7
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.0	0.3	0.0	0.3	0.0	0.0	0.0	2.0	0.0	0.1
27	0.0	0.3	0.3	0.8	1.3	2.8	0.5	0.8	0.3	0.0	0.0	0.0	0.0	0.3	3.1	1.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	3.1	0.0	0.5
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	2.0	2.5	0.5	2.5	0.0	0.3
Max	1.8	1.3	1.5	0.8	1.3	2.8	1.3	2.0	2.0	2.8	0.8	0.3	0.8	0.5	3.1	1.3	0.5	2.0	0.5	0.3	8.1	3.1	3.8	2.3	8.1		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.3	0.2	0.2	0.1			0.1
																									Max Daily Mean		0.7
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **737** **Data Recovery:** **99%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.3	0.5	0.3	1.8	3.6	1.0	0.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.5	0.0	0.0	0.0	3.6	0.0	0.5
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.3	0.5	2.5	4.1	2.5	1.3	4.1	0.0	0.5
4	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.8	0.0	0.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	0.5	0.3	0.0	1.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.2
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.3
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	1.3	1.3	0.8	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.2
13	0.3	2.8	3.6	3.3	0.5	0.5	0.3	0.5	0.3	0.5	0.3	0.8	0.5	0.5	0.3	0.0	0.5	0.5	0.3	0.5	0.5	0.8	1.0	0.0	3.6	0.0	0.8
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	1.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	4.3	0.0	0.3
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	1.0	0.0	0.1
17	0.0	0.0	0.0	0.0	0.3	0.5	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.4
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.3	4.3	2.8	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.5
27	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	2.3	1.8	1.3	0.3	0.5	0.0	2.3	0.0	0.3
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5	2.5	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.3
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.5	0.3	0.0	0.0	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	0.0	0.0	0.3	4.1	0.0	0.3	4.1	0.0	0.3
Max	0.3	2.8	3.6	3.3	3.6	1.0	0.8	1.3	1.0	2.3	4.3	2.8	0.8	1.5	4.3	5.1	2.8	3.6	2.3	1.8	2.5	4.1	2.5	1.3	5.1		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.5	0.3	0.3	0.2	0.1	0.2	0.3	0.1	0.1			0.2
																									Max Daily Mean		0.8
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.5	0.3	0.5	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	5.1	0.5	0.3	0.0	0.0	5.1	0.0	0.4
2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	3.3	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.4
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.5	0.5	0.0	0.3	0.5	0.3	0.3	1.3	0.8	2.3	0.0	0.3	0.0	0.0	0.0	2.3	0.0	0.3
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	2.3	1.3	1.0	0.3	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.5	0.0	0.4
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.5	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	1.0	1.8	1.5	0.3	0.3	1.3	0.5	0.0	0.3	0.8	1.0	1.0	0.0	1.8	0.0	0.4
11	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0
16	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.5	0.3	0.3	0.0	0.0	0.0	0.8	0.3	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.2
17	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.5	0.3	0.8	2.3	2.5	1.5	1.0	0.8	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	2.5	0.0	0.5
20	0.3	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	0.0	0.1
21	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.5	0.0	0.0
22	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	0.5	0.8	0.8	2.3	2.5	1.5	1.0	0.8	2.5	2.3	1.3	1.0	2.0	1.5	0.5	1.3	1.3	6.1	3.3	5.1	0.8	1.0	1.0	0.5	6.1		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.0			0.1
																									Max Daily Mean		0.5
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.5	0.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	2.3	2.3	0.0	0.3
3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.2
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.5	0.0	0.0
21	0.0	0.3	0.8	0.3	0.5	0.3	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.1
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.3	0.0	0.0	0.3	0.0	0.3	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.3	0.0	0.1
26	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.3	0.5	1.5	0.5	0.3	0.0	0.5	1.5	0.0	0.2
27	0.8	0.5	0.0	0.3	0.0	0.3	0.8	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.8	0.0	0.1
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Max	0.8	0.5	0.8	0.5	0.5	0.3	1.3	1.3	0.3	0.5	0.3	0.3	0.0	0.3	0.5	0.5	3.8	0.5	0.5	1.5	0.5	0.3	1.5	2.3	3.8		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.1			0.0
																									Max Daily Mean		0.3
																									Min Daily Mean		0.0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Precip - A (mm/hr)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.8	2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.2
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.1
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.3	0.5	0.0	0.0
Max	0.8	2.8	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	1.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.3	2.8		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Avg.	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
																									Max Daily Mean		0.2
																									Min Daily Mean		0.0

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

October *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	14	68	111	199	253	389	264	229	91	81	21	0	0	0	0	0	0	0	389	0	72
2	0	0	0	0	0	0	24	106	170	243	271	279	270	141	97	51	22	0	0	0	0	0	0	0	279	0	70
3	0	0	0	0	0	0	16	66	104	207	289	340	206	125	102	77	12	0	0	0	0	0	0	0	340	0	64
4	0	0	0	0	0	0	14	67	144	152	227	224	NoData	212	242	132	50	15	0	0	0	0	0	0	242	0	64
5	0	0	0	0	0	0	0	14	98	196	270	319	314	307	249	114	51	11	0	0	0	0	0	0	319	0	81
6	0	0	0	0	0	0	0	16	99	193	269	295	335	222	111	82	34	8	0	0	0	0	0	0	335	0	69
7	0	0	0	0	0	0	0	11	72	90	144	165	246	159	122	81	33	7	0	0	0	0	0	0	246	0	47
8	0	0	0	0	0	0	0	6	58	199	288	270	208	173	132	114	39	6	0	0	0	0	0	0	288	0	62
9	0	0	0	0	0	0	0	7	41	95	216	318	279	283	246	190	77	8	0	0	0	0	0	0	318	0	73
10	0	0	0	0	0	0	0	7	39	78	95	97	99	91	82	53	18	2	0	0	0	0	0	0	99	0	28
11	0	0	0	0	0	0	0	2	14	79	96	182	177	148	123	76	31	3	0	0	0	0	0	0	182	0	39
12	0	0	0	0	0	0	0	5	33	55	141	285	306	259	192	127	60	3	0	0	0	0	0	0	306	0	61
13	0	0	0	0	0	0	0	9	41	89	119	123	108	96	82	55	37	3	0	0	0	0	0	0	123	0	32
14	0	0	0	0	0	0	0	1	24	60	81	114	130	73	61	111	50	2	0	0	0	0	0	0	130	0	29
15	0	0	0	0	0	0	0	2	40	160	81	83	91	117	108	45	28	2	0	0	0	0	0	0	160	0	31
16	0	0	0	0	0	0	0	3	33	94	117	253	221	185	93	51	13	0	0	0	0	0	0	0	253	0	44
17	0	0	0	0	0	0	0	1	20	43	65	73	92	93	84	54	12	0	0	0	0	0	0	0	93	0	22
18	0	0	0	0	0	0	0	1	23	54	94	121	139	135	66	39	9	0	0	0	0	0	0	0	139	0	28
19	0	0	0	0	0	0	0	1	25	48	79	124	112	149	60	42	17	0	0	0	0	0	0	0	149	0	27
20	0	0	0	0	0	0	0	1	20	75	172	208	229	172	83	44	12	0	0	0	0	0	0	0	229	0	42
21	0	0	0	0	0	0	0	2	21	59	145	170	163	181	166	74	14	0	0	0	0	0	0	0	181	0	41
22	0	0	0	0	0	0	0	0	13	46	174	198	221	192	133	69	13	0	0	0	0	0	0	0	221	0	44
23	0	0	0	0	0	0	0	0	15	46	60	61	68	80	71	50	11	0	0	0	0	0	0	0	80	0	19
24	0	0	0	0	0	0	0	0	17	35	65	110	171	147	64	26	3	0	0	0	0	0	0	0	171	0	27
25	0	0	0	0	0	0	0	0	3	12	28	25	37	56	31	43	7	0	0	0	0	0	0	0	56	0	10
26	0	0	0	0	0	0	0	0	5	23	60	95	82	108	65	26	3	0	0	0	0	0	0	0	108	0	19
27	0	0	0	0	0	0	0	0	11	37	108	190	203	179	126	63	6	0	0	0	0	0	0	0	203	0	38
28	0	0	0	0	0	0	0	0	8	33	103	195	140	136	108	30	4	0	0	0	0	0	0	0	195	0	32
29	0	0	0	0	0	0	0	0	10	42	79	172	185	164	114	44	4	0	0	0	0	0	0	0	185	0	34
30	0	0	0	0	0	0	0	0	3	20	63	85	155	142	40	26	3	0	0	0	0	0	0	0	155	0	22
31	0	0	0	0	0	0	0	0	5	22	60	145	58	108	75	24	2	0	0	0	0	0	0	0	145	0	21
Max	0	0	0	0	0	0	24	106	170	243	289	389	335	307	249	190	77	15	0	0	0	0	0	0	389		
Min	0	0	0	0	0	0	0	0	3	12	28	25	37	56	31	24	2	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	2	13	42	90	139	184	177	157	110	68	22	2	0	0	0	0	0	0			42
																									Max Daily Mean		81
																									Min Daily Mean		10

Total Hours in month: **744** **Hours Data Available:** **743** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

November *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	3	26	52	76	86	85	65	34	2	0	0	0	0	0	0	0	86	0	18
2	0	0	0	0	0	0	0	0	7	26	44	166	181	156	103	37	2	0	0	0	0	0	0	0	181	0	30
3	0	0	0	0	0	0	0	0	4	27	56	89	110	76	41	10	0	0	0	0	0	0	0	0	110	0	17
4	0	0	0	0	0	0	0	0	1	20	52	80	85	102	59	11	0	0	0	0	0	0	0	0	102	0	17
5	0	0	0	0	0	0	0	0	2	20	33	117	144	124	83	25	0	0	0	0	0	0	0	0	144	0	23
6	0	0	0	0	0	0	0	0	1	18	41	91	86	60	45	18	0	0	0	0	0	0	0	0	91	0	15
7	0	0	0	0	0	0	0	0	1	10	20	40	43	27	21	7	0	0	0	0	0	0	0	0	43	0	7
8	0	0	0	0	0	0	0	0	1	22	47	71	136	114	65	12	0	0	0	0	0	0	0	0	136	0	20
9	0	0	0	0	0	0	0	0	1	17	47	91	119	118	54	10	0	0	0	0	0	0	0	0	119	0	19
10	0	0	0	0	0	0	0	0	1	17	43	56	38	28	13	4	0	0	0	0	0	0	0	0	56	0	8
11	0	0	0	0	0	0	0	0	0	10	33	48	66	141	54	6	0	0	0	0	0	0	0	0	141	0	15
12	0	0	0	0	0	0	0	0	0	11	48	87	87	42	33	6	0	0	0	0	0	0	0	0	87	0	13
13	0	0	0	0	0	0	0	0	0	7	17	28	45	43	27	5	0	0	0	0	0	0	0	0	45	0	7
14	0	0	0	0	0	0	0	0	0	12	38	60	115	88	43	5	0	0	0	0	0	0	0	0	115	0	15
15	0	0	0	0	0	0	0	0	0	7	29	48	57	46	26	5	0	0	0	0	0	0	0	0	57	0	9
16	0	0	0	0	0	0	0	0	0	5	21	43	43	39	18	4	0	0	0	0	0	0	0	0	43	0	7
17	0	0	0	0	0	0	0	0	0	7	25	36	40	38	29	5	0	0	0	0	0	0	0	0	40	0	8
18	0	0	0	0	0	0	0	0	0	5	18	27	80	73	36	3	0	0	0	0	0	0	0	0	80	0	10
19	0	0	0	0	0	0	0	0	0	5	16	24	77	72	35	3	0	0	0	0	0	0	0	0	77	0	10
20	0	0	0	0	0	0	0	0	0	4	15	23	70	69	32	2	0	0	0	0	0	0	0	0	70	0	9
21	0	0	0	0	0	0	0	0	0	2	21	45	66	52	15	2	0	0	0	0	0	0	0	0	66	0	8
22	0	0	0	0	0	0	0	0	0	2	14	24	39	25	10	1	0	0	0	0	0	0	0	0	39	0	5
23	0	0	0	0	0	0	0	0	0	4	22	40	52	55	12	1	0	0	0	0	0	0	0	0	55	0	8
24	0	0	0	0	0	0	0	0	0	1	12	25	43	40	12	1	0	0	0	0	0	0	0	0	43	0	6
25	0	0	0	0	0	0	0	0	0	1	12	26	50	30	15	1	0	0	0	0	0	0	0	0	50	0	6
26	0	0	0	0	0	0	0	0	0	1	11	20	44	54	18	1	0	0	0	0	0	0	0	0	54	0	6
27	0	0	0	0	0	0	0	0	0	1	11	18	41	44	11	0	0	0	0	0	0	0	0	0	44	0	5
28	0	0	0	0	0	0	0	0	0	1	10	17	32	42	16	0	0	0	0	0	0	0	0	0	42	0	5
29	0	0	0	0	0	0	0	0	0	1	5	19	32	39	13	0	0	0	0	0	0	0	0	0	39	0	5
30	0	0	0	0	0	0	0	0	0	0	6	15	18	12	4	0	0	0	0	0	0	0	0	0	18	0	2
Max	0	0	0	0	0	0	0	0	7	27	56	166	181	156	103	37	2	0	0	0	0	0	0	0	181		
Min	0	0	0	0	0	0	0	0	0	0	5	15	18	12	4	0	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	1	10	27	52	71	64	34	7	0	0	0	0	0	0	0	0			11
																									Max Daily Mean		30
																									Min Daily Mean		2

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

December *2011*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	0	0	11	27	19	15	5	0	0	0	0	0	0	0	0	0	27	0	3
2	0	0	0	0	0	0	0	0	0	0	3	12	18	11	6	0	0	0	0	0	0	0	0	0	18	0	2
3	0	0	0	0	0	0	0	0	0	0	5	15	19	11	2	0	0	0	0	0	0	0	0	0	19	0	2
4	0	0	0	0	0	0	0	0	0	0	3	9	8	8	2	0	0	0	0	0	0	0	0	0	9	0	1
5	0	0	0	0	0	0	0	0	0	0	3	8	10	11	7	0	0	0	0	0	0	0	0	0	11	0	2
6	0	0	0	0	0	0	0	0	0	0	3	11	15	9	2	0	0	0	0	0	0	0	0	0	15	0	2
7	0	0	0	0	0	0	0	0	0	0	2	7	15	8	1	0	0	0	0	0	0	0	0	0	15	0	1
8	0	0	0	0	0	0	0	0	0	0	2	14	19	12	3	0	0	0	0	0	0	0	0	0	19	0	2
9	0	0	0	0	0	0	0	0	0	0	3	11	19	14	2	0	0	0	0	0	0	0	0	0	19	0	2
10	0	0	0	0	0	0	0	0	0	0	3	11	19	21	4	0	0	0	0	0	0	0	0	0	21	0	2
11	0	0	0	0	0	0	0	0	0	0	1	4	7	4	0	0	0	0	0	0	0	0	0	0	7	0	1
12	0	0	0	0	0	0	0	0	0	0	2	17	14	8	3	0	0	0	0	0	0	0	0	0	17	0	2
13	0	0	0	0	0	0	0	0	0	0	1	6	10	10	2	0	0	0	0	0	0	0	0	0	10	0	1
14	0	0	0	0	0	0	0	0	0	0	2	11	13	14	3	0	0	0	0	0	0	0	0	0	14	0	2
15	0	0	0	0	0	0	0	0	0	0	1	5	4	3	1	0	0	0	0	0	0	0	0	0	5	0	1
16	0	0	0	0	0	0	0	0	0	0	2	9	13	10	2	0	0	0	0	0	0	0	0	0	13	0	2
17	0	0	0	0	0	0	0	0	0	0	2	9	19	14	4	0	0	0	0	0	0	0	0	0	19	0	2
18	0	0	0	0	0	0	0	0	0	0	0	1	7	21	10	0	0	0	0	0	0	0	0	0	21	0	2
19	0	0	0	0	0	0	0	0	0	0	1	12	10	4	2	0	0	0	0	0	0	0	0	0	12	0	1
20	0	0	0	0	0	0	0	0	0	0	2	9	13	10	2	0	0	0	0	0	0	0	0	0	13	0	1
21	0	0	0	0	0	0	0	0	0	0	0	2	8	4	1	0	0	0	0	0	0	0	0	0	8	0	1
22	0	0	0	0	0	0	0	0	0	0	0	3	4	5	1	0	0	0	0	0	0	0	0	0	5	0	0
23	0	0	0	0	0	0	0	0	0	0	1	21	37	26	5	0	0	0	0	0	0	0	0	0	37	0	4
24	0	0	0	0	0	0	0	0	0	0	1	6	12	11	3	0	0	0	0	0	0	0	0	0	12	0	1
25	0	0	0	0	0	0	0	0	0	0	1	5	8	7	3	0	0	0	0	0	0	0	0	0	8	0	1
26	0	0	0	0	0	0	0	0	0	0	1	10	14	10	2	0	0	0	0	0	0	0	0	0	14	0	2
27	0	0	0	0	0	0	0	0	0	0	1	18	15	25	13	0	0	0	0	0	0	0	0	0	25	0	3
28	0	0	0	0	0	0	0	0	0	0	1	14	21	16	5	0	0	0	0	0	0	0	0	0	21	0	2
29	0	0	0	0	0	0	0	0	0	0	3	10	17	19	6	0	0	0	0	0	0	0	0	0	19	0	2
30	0	0	0	0	0	0	0	0	0	0	3	9	12	13	7	0	0	0	0	0	0	0	0	0	13	0	2
31	0	0	0	0	0	0	0	0	0	0	1	8	13	11	4	0	0	0	0	0	0	0	0	0	13	0	2
Max	0	0	0	0	0	0	0	0	0	0	11	27	37	26	13	0	0	0	0	0	0	0	0	0	37		
Min	0	0	0	0	0	0	0	0	0	0	0	1	4	3	0	0	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	0	0	2	10	14	12	4	0	0	0	0	0	0	0	0	0			2
																									Max Daily Mean		4
																									Min Daily Mean		0

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

January *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	0	0	1	9	15	11	3	0	0	0	0	0	0	0	0	0	15	0	2
2	0	0	0	0	0	0	0	0	0	0	3	12	19	29	11	0	0	0	0	0	0	0	0	0	29	0	3
3	0	0	0	0	0	0	0	0	0	0	3	19	24	22	14	1	0	0	0	0	0	0	0	0	24	0	3
4	0	0	0	0	0	0	0	0	0	0	1	8	13	7	2	0	0	0	0	0	0	0	0	0	13	0	1
5	0	0	0	0	0	0	0	0	0	0	3	16	29	18	7	0	0	0	0	0	0	0	0	0	29	0	3
6	0	0	0	0	0	0	0	0	0	0	2	11	17	12	2	0	0	0	0	0	0	0	0	0	17	0	2
7	0	0	0	0	0	0	0	0	0	0	4	15	23	15	5	0	0	0	0	0	0	0	0	0	23	0	3
8	0	0	0	0	0	0	0	0	0	0	1	10	17	13	5	0	0	0	0	0	0	0	0	0	17	0	2
9	0	0	0	0	0	0	0	0	0	0	5	15	18	35	19	1	0	0	0	0	0	0	0	0	35	0	4
10	0	0	0	0	0	0	0	0	0	0	3	21	22	31	8	0	0	0	0	0	0	0	0	0	31	0	4
11	0	0	0	0	0	0	0	0	0	0	4	18	26	42	17	1	0	0	0	0	0	0	0	0	42	0	4
12	0	0	0	0	0	0	0	0	0	0	2	10	17	14	9	2	0	0	0	0	0	0	0	0	17	0	2
13	0	0	0	0	0	0	0	0	0	0	4	16	51	36	17	2	0	0	0	0	0	0	0	0	51	0	5
14	0	0	0	0	0	0	0	0	0	0	7	17	27	58	34	3	0	0	0	0	0	0	0	0	58	0	6
15	0	0	0	0	0	0	0	0	0	0	7	16	26	60	41	5	0	0	0	0	0	0	0	0	60	0	6
16	0	0	0	0	0	0	0	0	0	0	7	19	34	66	39	4	0	0	0	0	0	0	0	0	66	0	7
17	0	0	0	0	0	0	0	0	0	0	8	19	37	73	42	7	0	0	0	0	0	0	0	0	73	0	8
18	0	0	0	0	0	0	0	0	0	0	8	20	58	90	47	12	0	0	0	0	0	0	0	0	90	0	10
19	0	0	0	0	0	0	0	0	0	0	14	37	57	69	47	5	0	0	0	0	0	0	0	0	69	0	10
20	0	0	0	0	0	0	0	0	0	1	9	18	40	76	49	8	0	0	0	0	0	0	0	0	76	0	8
21	0	0	0	0	0	0	0	0	0	1	13	28	29	27	16	4	0	0	0	0	0	0	0	0	29	0	5
22	0	0	0	0	0	0	0	0	0	0	11	24	39	36	21	6	0	0	0	0	0	0	0	0	39	0	6
23	0	0	0	0	0	0	0	0	0	1	11	30	70	49	28	6	0	0	0	0	0	0	0	0	70	0	8
24	0	0	0	0	0	0	0	0	0	1	14	42	51	46	25	7	0	0	0	0	0	0	0	0	51	0	8
25	0	0	0	0	0	0	0	0	0	0	8	22	31	29	21	6	0	0	0	0	0	0	0	0	31	0	5
26	0	0	0	0	0	0	0	0	0	2	19	41	51	53	38	13	0	0	0	0	0	0	0	0	53	0	9
27	0	0	0	0	0	0	0	0	0	2	19	33	54	87	75	40	1	0	0	0	0	0	0	0	87	0	13
28	0	0	0	0	0	0	0	0	0	2	15	27	121	148	104	45	1	0	0	0	0	0	0	0	148	0	19
29	0	0	0	0	0	0	0	0	0	2	12	29	100	95	65	16	1	0	0	0	0	0	0	0	100	0	13
30	0	0	0	0	0	0	0	0	0	2	18	29	33	40	28	11	1	0	0	0	0	0	0	0	40	0	7
31	0	0	0	0	0	0	0	0	0	4	42	86	89	62	54	25	2	0	0	0	0	0	0	0	89	0	15
Max	0	0	0	0	0	0	0	0	0	4	42	86	121	148	104	45	2	0	0	0	0	0	0	0	148		
Min	0	0	0	0	0	0	0	0	0	0	1	8	13	7	2	0	0	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	0	1	9	23	40	47	29	7	0	0	0	0	0	0	0	0			6
																									Max Daily Mean		19
																									Min Daily Mean		1

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

February *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	0	0	4	19	27	48	32	16	6	1	0	0	0	0	0	0	0	48	0	6
2	0	0	0	0	0	0	0	0	0	7	27	56	87	78	46	40	2	0	0	0	0	0	0	0	87	0	14
3	0	0	0	0	0	0	0	0	0	3	16	27	31	31	49	23	2	0	0	0	0	0	0	0	49	0	8
4	0	0	0	0	0	0	0	0	0	7	21	47	163	111	81	30	4	0	0	0	0	0	0	0	163	0	19
5	0	0	0	0	0	0	0	0	0	6	37	62	120	81	41	21	4	0	0	0	0	0	0	0	120	0	15
6	0	0	0	0	0	0	0	0	0	8	22	67	153	151	117	62	5	0	0	0	0	0	0	0	153	0	24
7	0	0	0	0	0	0	0	0	0	9	22	76	160	158	124	68	8	0	0	0	0	0	0	0	160	0	26
8	0	0	0	0	0	0	0	0	0	7	37	55	60	89	128	71	10	0	0	0	0	0	0	0	128	0	19
9	0	0	0	0	0	0	0	0	1	10	23	95	98	85	73	35	9	0	0	0	0	0	0	0	98	0	18
10	0	0	0	0	0	0	0	0	0	6	35	65	77	54	64	32	8	0	0	0	0	0	0	0	77	0	14
11	0	0	0	0	0	0	0	0	1	14	59	71	148	129	75	40	9	0	0	0	0	0	0	0	148	0	23
12	0	0	0	0	0	0	0	0	0	11	34	59	83	87	71	45	13	0	0	0	0	0	0	0	87	0	17
13	0	0	0	0	0	0	0	0	1	26	42	48	52	62	43	28	9	0	0	0	0	0	0	0	62	0	13
14	0	0	0	0	0	0	0	0	0	14	40	53	56	92	76	58	22	0	0	0	0	0	0	0	92	0	17
15	0	0	0	0	0	0	0	0	1	22	54	68	61	84	67	53	19	0	0	0	0	0	0	0	84	0	18
16	0	0	0	0	0	0	0	0	2	18	60	188	214	121	100	52	25	1	0	0	0	0	0	0	214	0	32
17	0	0	0	0	0	0	0	0	3	39	110	202	230	221	183	121	42	1	0	0	0	0	0	0	230	0	48
18	0	0	0	0	0	0	0	0	3	19	92	202	233	229	191	127	48	2	0	0	0	0	0	0	233	0	48
19	0	0	0	0	0	0	0	0	5	22	106	174	154	264	200	131	37	2	0	0	0	0	0	0	264	0	46
20	0	0	0	0	0	0	0	0	6	43	129	141	190	126	90	74	32	3	0	0	0	0	0	0	190	0	35
21	0	0	0	0	0	0	0	0	4	30	92	153	201	131	141	85	60	7	0	0	0	0	0	0	201	0	38
22	0	0	0	0	0	0	0	0	7	42	81	117	106	116	93	71	37	4	0	0	0	0	0	0	117	0	28
23	0	0	0	0	0	0	0	0	9	48	84	112	111	119	131	104	74	9	0	0	0	0	0	0	131	0	33
24	0	0	0	0	0	0	0	0	6	30	61	104	122	126	109	93	50	6	0	0	0	0	0	0	126	0	29
25	0	0	0	0	0	0	0	0	10	45	94	142	153	152	158	146	52	6	0	0	0	0	0	0	158	0	40
26	0	0	0	0	0	0	0	0	11	44	74	119	180	180	144	97	49	9	0	0	0	0	0	0	180	0	38
27	0	0	0	0	0	0	0	0	11	49	83	176	268	268	172	91	38	6	0	0	0	0	0	0	268	0	48
28	0	0	0	0	0	0	0	0	27	105	196	255	304	299	255	185	107	25	0	0	0	0	0	0	304	0	73
29	0	0	0	0	0	0	0	2	31	142	254	301	291	241	247	143	92	27	0	0	0	0	0	0	301	0	74
Max	0	0	0	0	0	0	0	2	31	142	254	301	304	299	255	185	107	27	0	0	0	0	0	0	304		
Min	0	0	0	0	0	0	0	0	0	3	16	27	31	31	16	6	1	0	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	0	0	5	29	69	112	143	135	113	73	30	4	0	0	0	0	0	0			30
																									Max Daily Mean		74
																									Min Daily Mean		6

Total Hours in month: **696** **Hours Data Available:** **696** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

March *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	0	1	17	100	209	294	328	321	275	197	71	19	0	0	0	0	0	0	328	0	76
2	0	0	0	0	0	0	0	2	31	72	145	122	178	193	181	159	81	20	0	0	0	0	0	0	193	0	49
3	0	0	0	0	0	0	0	2	21	54	181	208	243	300	250	168	116	24	0	0	0	0	0	0	300	0	65
4	0	0	0	0	0	0	0	2	39	107	149	240	214	244	216	202	74	26	1	0	0	0	0	0	244	0	63
5	0	0	0	0	0	0	0	4	59	190	260	316	299	242	196	106	46	22	1	0	0	0	0	0	316	0	72
6	0	0	0	0	0	0	0	3	36	58	142	208	169	166	132	109	52	11	1	0	0	0	0	0	208	0	45
7	0	0	0	0	0	0	0	4	39	90	123	153	229	277	231	227	125	43	1	0	0	0	0	0	277	0	64
8	0	0	0	0	0	0	0	5	25	43	58	244	227	208	178	132	64	18	1	0	0	0	0	0	244	0	50
9	0	0	0	0	0	0	0	9	53	98	120	127	205	268	221	148	93	32	2	0	0	0	0	0	268	0	57
10	0	0	0	0	0	0	0	6	35	134	226	296	345	346	288	161	114	40	4	0	0	0	0	0	346	0	83
11	0	0	0	0	0	0	0	13	63	116	163	184	207	218	194	156	108	37	3	0	0	0	0	0	218	0	61
12	0	0	0	0	0	0	0	14	58	129	207	277	394	348	355	283	184	67	5	0	0	0	0	0	394	0	97
13	0	0	0	0	0	0	0	14	96	230	322	385	420	414	365	291	195	78	7	0	0	0	0	0	420	0	117
14	0	0	0	0	0	0	1	23	89	147	208	233	362	306	200	140	83	41	6	0	0	0	0	0	362	0	77
15	0	0	0	0	0	0	0	21	132	245	321	391	382	410	360	308	178	92	10	0	0	0	0	0	410	0	119
16	0	0	0	0	0	0	1	16	69	159	245	317	335	435	350	310	212	106	14	0	0	0	0	0	435	0	107
17	0	0	0	0	0	0	1	24	135	250	318	379	451	433	392	315	208	103	19	0	0	0	0	0	451	0	126
18	0	0	0	0	0	0	1	20	82	157	310	362	455	448	406	327	226	109	10	0	0	0	0	0	455	0	121
19	0	0	0	0	0	0	2	27	111	287	294	386	356	480	417	366	115	49	11	0	0	0	0	0	480	0	121
20	0	0	0	0	0	0	2	36	174	267	369	440	470	446	424	374	166	58	11	0	0	0	0	0	470	0	135
21	0	0	0	0	0	0	3	48	183	296	369	450	482	399	420	315	208	143	21	0	0	0	0	0	482	0	139
22	0	0	0	0	0	0	5	41	155	216	267	414	484	476	431	354	251	136	29	0	0	0	0	0	484	0	136
23	0	0	0	0	0	0	5	64	200	312	403	460	498	486	396	304	210	85	27	0	0	0	0	0	498	0	144
24	0	0	0	0	0	0	5	54	127	160	222	243	285	310	224	170	130	109	24	0	0	0	0	0	310	0	86
25	0	0	0	0	0	0	7	58	115	165	302	332	368	387	334	274	209	109	35	1	0	0	0	0	387	0	112
26	0	0	0	0	0	0	9	85	219	308	397	491	501	509	451	364	276	158	42	1	0	0	0	0	509	0	159
27	0	0	0	0	0	0	11	98	207	329	410	438	474	459	345	347	293	150	23	1	0	0	0	0	474	0	149
28	0	0	0	0	0	0	10	100	232	345	433	495	523	514	468	391	288	170	54	2	0	0	0	0	523	0	168
29	0	0	0	0	0	0	10	110	241	343	438	469	536	453	421	318	233	142	29	2	0	0	0	0	536	0	156
30	0	0	0	0	0	0	16	96	270	357	445	498	481	452	405	221	137	64	29	4	0	0	0	0	498	0	145
31	0	0	0	0	0	0	8	50	97	141	175	250	247	260	325	276	140	98	33	1	0	0	0	0	325	0	88
Max	0	0	0	0	0	0	16	110	270	357	445	498	536	514	468	391	293	170	54	4	0	0	0	0	536		
Min	0	0	0	0	0	0	0	1	17	43	58	122	169	166	132	106	46	11	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	3	34	110	190	265	326	359	361	318	252	158	76	15	0	0	0	0	0			103
																									Max Daily Mean		168
																									Min Daily Mean		45

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

April *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	17	75	148	179	218	218	283	561	500	330	314	200	58	5	0	0	0	0	561	0	129
2	0	0	0	0	0	1	29	78	124	228	305	361	428	528	501	433	303	223	93	5	0	0	0	0	528	0	152
3	0	0	0	0	0	1	24	50	136	230	364	452	540	391	306	318	319	222	93	7	0	0	0	0	540	0	144
4	0	0	0	0	0	2	27	156	267	387	473	516	528	512	478	380	291	174	70	7	0	0	0	0	528	0	178
5	0	0	0	0	0	1	30	125	228	275	286	322	371	390	401	280	199	125	54	9	0	0	0	0	401	0	129
6	0	0	0	0	0	1	44	132	183	372	495	557	578	567	521	446	343	222	103	12	0	0	0	0	578	0	191
7	0	0	0	0	0	2	40	111	294	407	494	566	579	568	512	424	259	124	49	9	0	0	0	0	579	0	185
8	0	0	0	0	0	0	12	73	120	286	469	231	327	564	618	505	225	214	108	18	0	0	0	0	618	0	157
9	0	0	0	0	0	5	63	193	314	427	518	579	604	572	514	459	350	229	113	20	0	0	0	0	604	0	207
10	0	0	0	0	0	6	71	200	323	427	537	609	613	600	519	485	364	246	156	34	1	0	0	0	613	0	216
11	0	0	0	0	0	7	82	206	330	440	527	585	612	599	550	470	361	242	124	24	1	0	0	0	612	0	215
12	0	0	0	0	0	8	59	211	285	414	521	533	350	360	330	365	351	118	76	29	1	0	0	0	533	0	167
13	0	0	0	0	0	8	103	259	348	462	519	534	506	475	337	239	251	157	69	22	0	0	0	0	534	0	179
14	0	0	0	0	0	7	41	107	282	368	224	362	380	184	229	175	300	170	71	33	1	0	0	0	380	0	122
15	0	0	0	0	0	14	111	216	352	440	530	592	615	603	573	499	375	241	139	25	1	0	0	0	615	0	222
16	0	0	0	0	0	20	102	197	340	452	537	596	615	609	567	488	386	287	139	28	1	0	0	0	615	0	224
17	0	0	0	0	0	15	81	178	347	441	523	601	608	586	517	259	435	293	147	46	2	0	0	0	608	0	212
18	0	0	0	0	0	19	70	122	195	265	468	462	215	400	284	210	281	245	98	36	2	0	0	0	468	0	140
19	0	0	0	0	1	24	135	252	370	478	566	491	337	533	369	263	349	185	173	27	4	0	0	0	566	0	190
20	0	0	0	0	1	27	107	243	396	496	582	302	463	186	150	168	331	261	195	54	4	0	0	0	582	0	165
21	0	0	0	0	0	12	54	98	353	321	286	115	660	459	320	317	165	120	117	59	3	0	0	0	660	0	144
22	0	0	0	0	1	32	106	213	287	497	577	372	267	300	538	301	208	116	27	16	3	0	0	0	577	0	161
23	0	0	0	0	1	16	43	83	154	290	281	288	292	244	236	558	488	388	72	10	1	0	0	0	558	0	144
24	0	0	0	0	2	39	161	281	399	509	596	666	442	640	631	120	205	135	67	51	7	0	0	0	666	0	206
25	0	0	0	0	4	60	134	236	417	522	715	546	527	307	445	211	343	159	111	72	8	0	0	0	715	0	201
26	0	0	0	0	4	50	175	210	290	517	614	689	738	710	634	385	355	341	205	73	13	0	0	0	738	0	250
27	0	0	0	0	5	49	161	222	396	513	466	596	526	649	548	483	191	225	101	37	10	0	0	0	649	0	216
28	0	0	0	0	8	44	96	191	320	398	622	435	270	475	487	352	334	224	63	70	14	0	0	0	622	0	183
29	0	0	0	0	10	59	144	185	304	479	487	382	344	402	225	327	163	68	87	66	23	0	0	0	487	0	156
30	0	0	0	0	1	18	40	99	162	212	298	362	221	264	222	195	139	125	153	57	14	0	0	0	362	0	107
Max	0	0	0	0	10	60	175	281	417	522	715	689	738	710	634	558	488	388	205	73	23	0	0	0	738		
Min	0	0	0	0	0	0	12	50	120	179	218	115	215	184	150	120	139	68	27	5	0	0	0	0		0	
Avg.	0	0	0	0	1	18	79	167	282	391	470	464	461	475	435	348	299	203	104	32	4	0	0	0			176
																									Max Daily Mean		250
																									Min Daily Mean		107

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

May *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	5	40	85	153	258	309	312	424	316	352	311	261	172	110	109	36	9	0	0	0	424	0	136
2	0	0	0	0	8	52	105	192	302	467	657	661	452	757	506	611	421	196	176	109	23	0	0	0	757	0	237
3	0	0	0	0	14	78	195	243	391	497	524	382	344	249	239	247	243	184	75	49	13	1	0	0	524	0	165
4	0	0	0	0	14	69	187	323	424	375	640	723	424	512	514	414	177	145	122	57	19	1	0	0	723	0	214
5	0	0	0	0	15	54	97	162	309	463	606	480	227	336	339	278	271	86	112	81	32	2	0	0	606	0	165
6	0	0	0	1	18	82	168	233	297	328	528	630	364	324	204	270	218	146	101	101	33	2	0	0	630	0	169
7	0	0	0	0	17	90	215	337	464	449	524	594	302	510	231	358	328	304	119	44	10	1	0	0	594	0	204
8	0	0	0	1	18	130	291	342	330	429	236	460	476	656	494	370	319	248	125	58	18	1	0	0	656	0	208
9	0	0	0	1	16	80	179	334	453	382	362	360	331	623	370	496	323	155	147	95	47	3	0	0	623	0	198
10	0	0	0	3	31	87	92	294	440	551	410	326	248	404	377	267	161	135	135	86	46	2	0	0	551	0	171
11	0	0	0	0	9	33	86	153	157	287	528	413	663	744	695	592	537	366	165	99	43	6	0	0	744	0	232
12	0	0	0	2	24	78	189	298	420	342	287	435	689	585	409	219	402	180	50	36	27	2	0	0	689	0	195
13	0	0	0	2	28	112	193	370	482	652	804	865	705	537	703	598	434	313	278	151	40	6	0	0	865	0	303
14	0	0	0	4	38	130	259	376	493	605	574	203	250	235	207	274	272	297	243	132	46	4	0	0	605	0	193
15	0	0	0	1	22	54	137	194	233	351	415	338	431	527	253	503	474	299	257	166	46	11	0	0	527	0	196
16	0	0	0	4	42	147	260	382	463	517	543	336	519	419	628	313	522	222	309	199	56	13	0	0	628	0	246
17	0	0	0	5	45	143	255	376	491	545	629	699	612	315	576	663	295	153	72	96	57	13	0	0	699	0	252
18	0	0	0	8	56	151	287	279	540	631	426	345	282	847	375	410	538	434	150	168	60	15	0	0	847	0	250
19	0	0	0	7	55	158	268	379	491	611	606	707	720	850	412	180	339	453	283	114	41	11	0	0	850	0	278
20	0	0	0	8	60	157	270	382	422	478	560	590	344	413	308	168	308	324	153	128	80	12	1	0	590	0	215
21	0	0	0	9	64	160	271	386	501	537	411	273	342	406	374	382	182	173	280	152	96	20	1	0	537	0	209
22	0	0	1	19	71	149	209	239	391	529	509	240	231	375	274	271	218	174	167	81	26	7	0	0	529	0	174
23	0	0	0	9	44	94	119	127	117	103	204	278	400	487	184	200	429	344	326	87	34	15	1	0	487	0	150
24	0	0	0	10	31	65	92	157	200	308	339	495	239	416	455	354	328	275	142	42	1	1	0	0	495	0	165
25	0	0	0	2	10	26	47	56	87	110	174	180	210	201	355	215	249	188	182	91	48	17	1	0	355	0	102
26	0	0	1	15	75	143	252	399	494	486	347	391	465	521	77	131	179	54	73	63	33	10	1	0	521	0	176
27	0	0	0	7	9	32	87	120	207	277	474	622	328	167	148	121	108	76	46	17	6	2	0	0	622	0	119
28	0	0	0	9	30	54	122	280	249	447	548	316	380	332	739	81	442	209	86	81	101	20	2	0	739	0	189
29	0	0	0	12	56	116	210	365	200	388	307	161	227	690	774	684	456	183	235	168	88	20	3	0	774	0	223
30	0	0	3	21	95	138	365	409	513	317	481	510	327	407	625	553	314	284	128	124	100	39	4	0	625	0	240
31	0	0	3	28	74	146	296	407	499	494	654	339	370	279	270	228	198	296	76	83	24	4	1	0	654	0	199
Max	0	0	3	28	95	160	365	409	540	652	804	865	720	850	774	684	538	453	326	199	101	39	4	0	865		
Min	0	0	0	0	5	26	47	56	87	103	174	161	210	167	77	81	108	54	46	17	1	0	0	0		0	
Avg.	0	0	0	6	35	98	190	282	365	428	472	444	394	467	401	346	318	226	159	96	42	8	1	0			199
																									Max Daily Mean		303
																									Min Daily Mean		102

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

June *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	1	0	11	29	37	100	92	183	205	267	389	382	418	646	538	229	64	39	12	11	2	0	646	0	152
2	0	0	3	13	34	72	184	416	538	547	353	440	528	607	468	453	310	200	300	224	107	48	7	1	607	0	244
3	0	0	3	19	42	86	127	276	406	604	573	575	305	74	229	410	563	342	74	29	7	0	0	0	604	0	198
4	0	0	2	12	34	57	83	165	287	552	462	684	214	662	324	290	381	439	79	50	40	35	5	0	684	0	202
5	0	1	4	27	58	141	331	405	425	355	400	438	537	315	421	560	380	216	292	76	58	24	7	0	560	0	228
6	0	0	1	10	21	50	101	103	107	168	112	164	194	464	401	256	485	196	358	153	114	52	11	2	485	0	147
7	0	0	4	32	71	90	250	245	430	347	643	703	501	290	300	312	153	164	105	33	13	5	1	0	703	0	195
8	0	0	4	24	38	94	112	83	162	239	215	444	592	497	257	40	152	241	274	220	119	45	6	1	592	0	161
9	0	0	4	32	110	198	308	415	536	626	645	564	342	695	476	224	175	128	142	166	95	39	6	0	695	0	247
10	0	0	4	30	93	103	154	242	525	639	698	646	357	306	315	619	261	83	134	174	33	25	7	2	698	0	227
11	0	0	6	24	46	83	146	210	368	665	399	709	640	729	591	586	574	465	349	233	131	45	5	0	729	0	292
12	0	0	1	4	19	44	68	83	85	170	383	313	173	246	127	76	104	65	167	77	64	21	5	0	383	0	96
13	0	0	0	8	21	48	108	114	159	168	159	205	259	255	299	289	230	126	79	40	24	7	1	0	299	0	108
14	0	0	3	11	42	82	124	122	211	400	549	592	805	350	452	319	458	355	225	98	53	14	9	1	805	0	220
15	0	0	4	22	55	199	318	493	471	291	183	375	735	783	49	203	569	277	222	208	58	45	5	1	783	0	232
16	0	1	5	35	105	175	159	247	437	625	410	497	232	458	316	340	341	232	172	121	51	18	5	0	625	0	207
17	0	0	2	7	14	29	83	130	158	183	450	568	641	814	616	72	21	35	84	108	91	59	16	3	814	0	174
18	0	0	4	15	34	71	172	371	529	636	736	842	717	496	178	544	581	97	173	95	37	24	6	1	842	0	265
19	0	0	5	24	49	82	177	260	320	467	669	776	649	717	780	574	296	219	373	143	59	51	15	1	780	0	279
20	0	0	3	21	45	163	267	413	520	613	705	366	147	209	406	650	413	201	318	135	36	22	6	1	705	0	236
21	0	0	5	33	60	82	80	60	95	232	379	479	700	744	701	435	241	203	211	81	83	55	14	2	744	0	207
22	1	0	5	29	97	210	330	405	509	572	289	602	815	777	765	707	571	417	330	183	154	69	11	0	815	0	327
23	0	0	5	36	60	91	341	413	414	363	374	611	807	655	706	683	279	213	210	136	56	47	11	1	807	0	271
24	0	0	2	28	93	193	302	426	528	641	524	433	738	470	413	508	322	388	246	242	136	61	13	0	738	0	279
25	0	0	4	15	41	152	158	186	235	373	364	374	404	378	689	625	601	431	196	115	57	28	7	1	689	0	226
26	0	0	9	29	68	98	120	21	70	66	63	98	200	178	152	227	254	103	37	34	16	9	1	0	254	0	77
27	0	0	0	4	15	33	46	163	302	390	352	516	741	549	373	212	144	74	36	25	25	10	3	0	741	0	167
28	0	0	1	5	15	44	115	172	213	238	290	193	116	69	67	101	142	124	110	79	46	12	2	0	290	0	90
29	0	1	7	22	48	59	75	171	288	505	363	480	449	560	537	576	602	299	162	75	49	26	9	0	602	0	223
30	0	0	0	2	6	15	38	56	106	138	144	297	395	683	430	308	241	77	174	140	38	3	5	0	683	0	137
Max	1	1	9	36	110	210	341	493	538	665	736	842	815	814	780	707	602	465	373	242	154	69	16	3	842		
Min	0	0	0	0	6	15	37	21	70	66	63	98	116	69	49	40	21	35	36	25	7	0	0	0		0	
Avg.	0	0	3	19	48	96	164	232	317	400	403	475	477	480	408	395	346	221	190	118	62	30	7	1			204
																									Max Daily Mean		327
																									Min Daily Mean		77

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

July *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	1	5	31	22	151	216	214	359	634	749	251	75	183	387	258	394	339	29	21	12	4	0	749	0	181
2	0	0	1	8	35	81	201	205	185	287	359	332	498	373	588	359	485	28	56	158	110	50	12	0	588	0	184
3	0	0	2	6	22	52	43	141	149	147	238	514	474	286	235	155	146	86	57	97	73	23	5	0	514	0	123
4	0	0	1	7	24	36	40	43	57	104	120	122	140	177	155	240	239	245	241	189	70	34	11	1	245	0	96
5	0	0	4	28	89	188	290	402	470	546	545	552	201	190	521	330	368	427	340	175	97	39	6	0	552	0	242
6	0	0	1	15	78	133	288	396	493	320	603	318	455	312	437	624	414	80	130	67	73	31	8	0	624	0	220
7	0	0	2	20	78	168	273	383	414	411	525	395	391	484	202	362	326	181	154	49	17	3	0	0	525	0	202
8	0	0	1	26	72	193	140	155	452	494	437	389	618	766	824	476	648	532	364	243	128	50	8	0	824	0	292
9	0	0	2	24	87	178	288	405	511	616	658	647	557	229	611	509	317	490	213	145	76	44	13	0	658	0	276
10	0	0	0	2	5	15	27	35	47	65	111	110	98	142	232	185	96	76	84	39	17	7	1	0	232	0	58
11	0	0	0	1	7	17	71	91	109	190	242	625	800	740	763	505	506	449	316	224	126	58	6	0	800	0	244
12	0	0	2	28	103	142	285	394	428	386	527	625	543	478	554	721	410	356	142	92	59	19	4	0	721	0	262
13	0	0	0	3	12	38	86	233	318	492	473	471	379	475	521	323	339	381	247	242	86	30	3	0	521	0	215
14	0	0	1	17	32	126	275	284	405	350	653	786	612	433	498	524	463	262	282	126	62	12	1	0	786	0	259
15	0	0	0	4	26	131	183	288	450	525	698	697	355	317	400	163	141	106	74	37	14	6	0	0	698	0	192
16	0	0	0	0	3	12	21	32	45	44	45	66	87	81	87	79	33	45	48	23	15	5	1	0	87	0	32
17	0	0	0	3	26	72	91	315	314	257	346	280	267	327	409	327	328	236	159	94	43	13	1	0	409	0	163
18	0	0	0	4	21	46	68	185	146	253	252	207	337	278	193	224	152	186	87	40	14	5	0	0	337	0	112
19	0	0	0	1	4	11	21	41	46	58	46	46	68	131	176	218	111	75	53	27	5	2	0	0	218	0	48
20	0	0	0	1	7	20	63	96	177	278	352	384	706	740	713	607	523	419	259	120	39	8	0	0	740	0	230
21	0	0	0	1	23	36	67	136	125	244	298	384	426	410	286	220	126	153	88	37	18	5	0	0	426	0	128
22	0	0	0	4	15	63	261	301	280	400	420	371	519	258	123	242	369	242	210	221	86	19	1	0	519	0	184
23	0	0	0	1	11	36	116	173	139	168	301	188	385	575	456	604	270	269	244	87	46	25	1	0	604	0	171
24	0	0	0	1	20	53	94	151	247	106	163	144	140	196	246	234	264	159	266	103	37	11	0	0	266	0	110
25	0	0	0	1	10	21	37	117	141	190	368	455	354	396	370	336	374	410	279	163	74	14	0	0	455	0	171
26	0	0	0	3	28	115	211	325	434	533	614	677	619	564	565	699	574	398	305	172	76	14	0	0	699	0	289
27	0	0	0	5	28	36	131	293	278	502	623	679	708	708	636	590	481	401	296	112	68	9	0	0	708	0	274
28	0	0	0	3	25	112	182	332	433	516	628	657	691	714	618	440	509	387	275	166	72	11	0	0	714	0	282
29	0	0	0	2	27	106	132	132	182	481	463	553	510	708	235	544	324	260	253	173	40	6	0	0	708	0	214
30	0	0	0	1	24	73	197	333	439	545	567	709	741	691	679	638	430	378	249	162	65	8	0	0	741	0	289
31	0	0	0	0	10	39	65	143	222	313	366	557	454	296	477	435	481	399	158	121	58	4	0	0	557	0	192
Max	0	0	4	28	103	193	290	405	511	616	698	786	800	766	824	721	648	532	364	243	128	58	13	1	824		
Min	0	0	0	0	3	11	21	32	45	44	45	46	68	75	87	79	33	28	48	23	5	2	0	0		0	
Avg.	0	0	1	7	32	76	142	218	269	328	409	442	432	405	419	397	339	274	202	120	58	19	3	0			191
																									Max Daily Mean		292
																									Min Daily Mean		32

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

August *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	1	15	80	215	330	415	458	479	545	196	213	264	268	455	317	198	93	21	1	0	0	545	0	190
2	0	0	0	0	8	60	136	176	269	260	566	438	270	256	235	185	134	92	81	47	7	0	0	0	566	0	134
3	0	0	0	0	5	20	83	102	125	189	246	605	236	160	123	264	76	97	106	74	33	4	0	0	605	0	106
4	0	0	0	1	15	92	110	139	202	335	384	312	301	323	158	190	148	95	78	37	15	2	0	0	384	0	122
5	0	0	0	0	9	47	91	276	249	324	320	371	445	652	620	260	76	260	207	116	33	3	0	0	652	0	182
6	0	0	0	0	9	34	57	113	162	254	280	133	204	427	268	179	240	190	72	64	36	4	0	0	427	0	114
7	0	0	0	0	8	49	81	169	430	525	597	662	731	304	303	222	308	165	233	48	10	1	0	0	731	0	202
8	0	0	0	0	6	38	69	103	170	191	255	319	441	447	510	436	337	225	99	46	19	0	0	0	510	0	155
9	0	0	0	0	2	18	78	165	248	162	232	464	260	296	484	576	474	335	221	107	21	0	0	0	576	0	173
10	0	0	0	0	6	49	139	243	348	451	539	604	589	386	363	490	400	309	177	91	24	0	0	0	604	0	217
11	0	0	0	0	5	45	129	243	353	458	551	626	641	476	410	482	242	193	112	48	13	0	0	0	641	0	209
12	0	0	0	0	3	25	68	120	193	294	401	616	369	215	264	314	104	63	71	62	17	0	0	0	616	0	133
13	0	0	0	0	3	44	109	164	257	468	469	607	403	213	322	488	420	302	195	93	17	0	0	0	607	0	191
14	0	0	0	0	3	38	146	257	366	471	554	606	659	597	531	513	427	265	142	76	13	0	0	0	659	0	236
15	0	0	0	0	3	35	151	287	295	420	530	608	620	414	384	314	269	174	77	84	7	0	0	0	620	0	195
16	0	0	0	0	1	20	56	154	168	212	262	366	564	387	636	378	374	274	154	71	8	0	0	0	636	0	170
17	0	0	0	0	2	35	50	87	164	196	215	281	331	291	309	299	157	144	128	79	7	0	0	0	331	0	116
18	0	0	0	0	1	27	137	251	361	427	493	595	627	543	539	506	291	147	83	33	3	0	0	0	627	0	211
19	0	0	0	0	0	18	108	241	259	510	375	604	665	674	579	506	415	260	185	64	4	0	0	0	674	0	228
20	0	0	0	0	0	12	28	47	85	114	285	358	396	438	157	198	204	76	39	9	1	0	0	0	438	0	102
21	0	0	0	0	0	8	25	46	96	130	202	183	231	322	147	195	197	259	60	29	3	0	0	0	322	0	89
22	0	0	0	0	0	15	121	237	346	453	536	592	614	602	557	488	412	322	178	60	5	0	0	0	614	0	231
23	0	0	0	0	0	12	118	232	343	445	525	264	463	450	450	400	271	114	59	35	3	0	0	0	525	0	174
24	0	0	0	0	0	9	68	193	333	424	424	447	512	517	392	293	111	48	19	5	0	0	0	0	517	0	158
25	0	0	0	0	0	11	18	38	133	158	121	71	125	212	293	394	287	141	93	20	1	0	0	0	394	0	88
26	0	0	0	0	0	8	22	34	61	122	146	136	163	241	176	73	93	69	27	4	0	0	0	0	241	0	57
27	0	0	0	0	0	1	15	45	89	107	201	215	200	255	197	150	166	208	88	5	0	0	0	0	255	0	81
28	0	0	0	0	0	5	24	77	158	234	224	279	256	351	201	235	191	178	69	20	0	0	0	0	351	0	104
29	0	0	0	0	0	7	101	139	214	356	269	487	531	382	430	237	208	130	60	19	0	0	0	0	531	0	149
30	0	0	0	0	0	5	29	70	97	267	503	447	568	508	537	369	278	236	74	18	0	0	0	0	568	0	167
31	0	0	0	0	0	1	16	67	152	135	302	374	378	368	271	414	229	150	91	14	0	0	0	0	414	0	123
Max	0	0	0	1	15	92	215	330	430	525	597	662	731	674	636	576	474	335	233	116	36	4	0	0	731		
Min	0	0	0	0	0	1	15	34	61	107	121	71	125	160	123	73	76	48	19	4	0	0	0	0		0	
Avg.	0	0	0	0	3	28	84	156	230	308	371	426	419	384	358	333	258	188	112	51	10	1	0	0			155
																									Max Daily Mean		236
																									Min Daily Mean		57

Total Hours in month: **744** **Hours Data Available:** **744** **Data Recovery:** **100%**

SLR Alaska

Pogo Ridge Meterological Monitoring Station - Solar Rad - K&Z (W/M2)

September *2012*

Day	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	000	Max	Min	Avg.
1	0	0	0	0	0	0	21	61	75	159	137	149	144	99	71	61	69	67	23	2	0	0	0	0	159	0	47
2	0	0	0	0	0	3	32	120	170	263	470	507	534	508	342	317	200	140	51	13	0	0	0	0	534	0	153
3	0	0	0	0	0	3	43	92	191	108	100	135	85	88	139	94	99	51	32	2	0	0	0	0	191	0	53
4	0	0	0	0	0	2	34	99	302	292	403	357	467	507	405	230	136	76	20	1	0	0	0	0	507	0	139
5	0	0	0	0	0	2	32	172	288	309	381	482	444	410	199	89	39	29	21	7	0	0	0	0	482	0	121
6	0	0	0	0	0	1	19	39	56	90	232	172	311	447	159	188	131	62	35	4	0	0	0	0	447	0	81
7	0	0	0	0	0	1	18	49	69	104	132	223	285	338	170	250	242	84	47	3	0	0	0	0	338	0	84
8	0	0	0	0	0	1	25	158	263	368	470	566	621	555	398	139	117	49	29	7	0	0	0	0	621	0	157
9	0	0	0	0	0	0	17	78	113	328	452	499	486	386	234	168	259	150	71	3	0	0	0	0	499	0	135
10	0	0	0	0	0	0	19	55	105	188	232	260	331	531	212	78	62	36	17	1	0	0	0	0	531	0	89
11	0	0	0	0	0	0	11	137	253	357	439	493	507	497	320	168	144	81	47	2	0	0	0	0	507	0	144
12	0	0	0	0	0	0	19	66	247	420	353	393	365	218	205	129	105	70	25	1	0	0	0	0	420	0	109
13	0	0	0	0	0	0	8	34	55	88	141	173	159	159	142	104	48	32	11	0	0	0	0	0	173	0	48
14	0	0	0	0	0	0	8	35	81	101	181	170	156	134	109	164	151	98	26	0	0	0	0	0	181	0	59
15	0	0	0	0	0	0	8	31	85	231	219	239	275	240	191	175	78	32	5	0	0	0	0	0	275	0	75
16	0	0	0	0	0	0	1	6	34	70	86	173	177	256	214	103	30	8	3	0	0	0	0	0	256	0	48
17	0	0	0	0	0	0	11	81	205	381	347	302	223	278	184	191	87	98	28	0	0	0	0	0	381	0	101
18	0	0	0	0	0	0	7	58	85	145	141	124	107	90	79	149	71	64	10	0	0	0	0	0	149	0	47
19	0	0	0	0	0	0	2	11	50	110	129	280	217	198	135	108	85	49	5	0	0	0	0	0	280	0	57
20	0	0	0	0	0	0	2	26	45	84	101	79	112	140	112	117	161	41	6	0	0	0	0	0	161	0	43
21	0	0	0	0	0	0	3	48	105	176	361	423	458	358	320	302	127	75	7	0	0	0	0	0	458	0	115
22	0	0	0	0	0	0	4	26	115	183	179	183	179	201	133	111	38	13	1	0	0	0	0	0	201	0	57
23	0	0	0	0	0	0	4	55	189	215	219	366	393	216	185	82	64	41	3	0	0	0	0	0	393	0	85
24	0	0	0	0	0	0	0	14	91	105	93	97	237	244	339	273	173	70	3	0	0	0	0	0	339	0	72
25	0	0	0	0	0	0	1	19	84	100	221	342	440	392	270	165	86	61	4	0	0	0	0	0	440	0	91
26	0	0	0	0	0	0	0	10	27	62	242	283	415	391	341	264	163	46	2	0	0	0	0	0	415	0	94
27	0	0	0	0	0	0	1	13	81	95	145	185	180	212	215	254	162	57	1	0	0	0	0	0	254	0	67
28	0	0	0	0	0	0	0	15	67	50	120	136	161	179	152	105	47	14	0	0	0	0	0	0	179	0	44
29	0	0	0	0	0	0	1	40	139	200	205	197	310	230	188	153	78	18	0	0	0	0	0	0	310	0	73
30	0	0	0	0	0	0	0	12	69	96	81	107	99	142	119	86	37	10	0	0	0	0	0	0	142	0	36
Max	0	0	0	0	0	3	43	172	302	420	470	566	621	555	405	317	259	150	71	13	0	0	0	0	621		
Min	0	0	0	0	0	0	0	6	27	50	81	79	85	88	71	61	30	8	0	0	0	0	0	0		0	
Avg.	0	0	0	0	0	0	12	55	125	183	234	270	296	288	209	161	110	57	18	2	0	0	0	0			84
																									Max Daily Mean		157
																									Min Daily Mean		36

Total Hours in month: **720** **Hours Data Available:** **720** **Data Recovery:** **100%**

SLR Alaska

Sumitomo Metal Mining Pogo LLC
P.O. Box 145
Delta Junction
AK 99737 USA
TEL: +1 907 895 2841
FAX: +1 907 895 2866
URL: www.smm.co.jp

January 14, 2013
COR-13-007

Brittany Crutchfield
ADEC- Air Quality
619 E. Ship Cr. Ave. Ste 249
Anchorage, AK 99501

Re: Sumitomo Metal Mining Pogo LLC, Annual Data Report for the Pogo Meteorological Monitoring Program

Dear Ms. Crutchfield,

Sumitomo Metal Mining Pogo LLC (Pogo) is pleased to submit the enclosed annual data report for the Pogo Meteorological Monitoring Project at the Pogo Mine near Delta Junction, Alaska. The report summarizes meteorological data collected from October 1, 2011 through September 30, 2012 at the Pogo Ridge (PRG) and Pogo Airstrip (PAR) monitoring stations. The meteorological monitoring was conducted according to the procedures described in the Pogo Meteorological Monitoring Program Quality Assurance Project Plan (QAPP) approved by ADEC in March 2012, with no variations.

If you have any questions please give me a call at 907-895-2879 or email me at sally.mcleod@smmpogo.com.

Sincerely,

Sally S McLeod

Sally S. McLeod, CEM, REM
Environmental Superintendent

Cc: Dominic Shallies, SLR
Steve Mackey, SLR
Luke Walker, Pogo