# Battelle-ARO – USB Temperature Loggers

***Primary contact*:** Sam Dorsi, 406-461-5298, sam@polarfield.com

How often: Every 56 days

Clean Requirements: None

Supplies Needed: USB Data Loggers

Lithium ½-AA 3.6 V batteries (14250)

**Procedure:**

The USB Temperature Loggers (Lascar Electronics, EL-USB-1, “Easy Log” Temperature) are located at several sites in AWO, MSF and SMG. They measure and record local temperature at 5-minute intervals.

To retrieve the data, plug the USB Logger into the computer and open “EasyLog USB” software. Click on “Stop the USB data logger and download data”; this will prompt you to save a .txt file. The program then brings up a new window where you have the option of exporting the data, select “Export” and save as a Microsoft Excel file with the format YYMMDD. This will save a .xls file with the data and graphs.

Next, select “Set up and start the USB data logger.” The parameters should be set to record temperatures in degrees C at 5-minute intervals, with no alarms active.

After downloading the logger data, calculate the date by which the next download must take place (56 days later). Record this information on the tasking whiteboard to facilitate the next download.