

Manual Air Temperature Methodology

(Last rev. 09/08/2019)

Air temperature has been measured manually using several different thermometers at several different locations. Sensor changes and site changes were not always recorded.

Monitoring history:

1. Initially, a simple max/min thermometer (Fig 1, left) was deployed on a clothesline underneath the trees to the west of the main building (see Fig 3).
2. At some point, possibly as late as 2015, the thermometer was moved to the bushes on the south side of the main building (Fig 1, right).
3. A new instrument shelter was deployed in the small clearing to the north of the main building on Jan 1, 2016. A set of straight mercury/alcohol max/min thermometers were installed inside.
4. On April 1, 2016 the original max/min thermometer was moved to the new instrument shelter

Temperature is recorded between 8:30 and 10:00am.



Figure 1. Max/Min Thermometer (left) and deployment location until March 31, 2016 (right)



Figure 2. New Instrument shelter and Max/Min Thermometers



Figure 3. Location of Sensors