

Museum barometer outages

20Aug17 ~20:15CDT

The barometer was out today from roughly 11:30 until perhaps 19:00ish CDT. Note this is the 'plastic housing' spare barometer which I believe may be a ptb110 instead of a ptb220.

Steve reported:

the barometer at museum is reporting bad values:

B0 **** ** 38.3\r\n

It was working until 11:30 this morning. My first thought was heating, but it got to warmer temperatures yesterday. Datawise, Pcell from the Licors is close enough, though I don't plan on fixing R code to use Pcell in other calculations before tomorrow.ometer at museum is reporting bad values:

However by 20:15 CDT it was giving good values once more:

B0 945.727 30.6\r\n

B0 945.731 30.6\r\n

B0 945.726 30.6\r\n

B0 945.733 30.6\r\n

So the thought that's it is a temperature problem is a very good guess. We had a heat index around 95 this afternoon.

21Aug17 ~9CDT

A couple pieces of thin white cardboard were put over the barometer's housing in hopes to keep it cooler. During the day it appeared to stay up, so that may have helped.