

TP01 question

In looking at TP01 data for the project, I see that Vheat is rock solid for soil.b, but varies by 6mV for soil.a. This isn't huge, and is measured, so it shouldn't be a problem in the data. However, it is acting as though there is variable resistance on the heater cable for soil.a. We should test this probe in post-cals and/or check the Binder connector.

The Tau63 values also have events. soil.a sometimes changes from ~6.5s to ~10.5s (loosely associated with rain events). soil.b has a couple of spikes from ~8 to ~4.5 (no relation to rain). These are more than isolated events (especially for a).

?P.S. at about 1540 on 1 Jul, I did unplug and plug in the soil.a TP01 Binder. There wasn't anything obvious wrong. I'll try to remember to monitor it over the next few days to see if Vheat settles down.