

ISFS Data Check

Reviewed the measurements on NCharts since Friday 25 June.

- TRH - ok
- P - ok
- Radiometer/Wetness - It had been raining everyday since Friday, 25 June. I'm surprised the wetness sensor remains flatlined. Shouldn't there be spikes or a saturated level recorded? Was a disdrometer was installed?
- Soils
 - Gsoil - ok range -40 - 40 W/m²
 - Lamdasoil - ok range 0.25 - 0.325 W/m
 - Qsoil - are now positive but values are very low (< 1% vol) for all the precipitation we've been getting. This is compared with Relampago and CHEESEHEAD where values are > 14 %vol
 - Tau 63 - ok range 6-10 s
 - Tsoil - Note very high values (> 45degC on 25 June that relax to more representative values 25-28 degC max)
 - Vheat - ok
- Sonic - ok - w range +/- 0.5m/s, u & v range -10 - +5 m/s
- co2/h2o
 - Crazy co2.27m values >> 1500 g/m3
 - h2o - ok-ish h2o.27m also show high-ish values > 40 g/m3
- iload range on the high end - 1820 - 1950 mA
- icharge range -190 to -80 mA (shouldn't this be positive and in the thousands??)
- Vbatt - ok
- I3mote - without the spikes range is 50-62 mA
- Imote - with the spikes range is 15-18 mA
- Lamda - no values on Ncharts
- Pirga - ok
- Tirga - ok
- Rfan - ok
- Vcharge - -27.93 V