

ISFS Data Check 2 July

Check time period since 30 June via NCharts

- TRH - ok
- P - ok
- Radiometer - ok
 - Rpile.in [0, -150], Rpile.out [-10, 80] W/m²
 - Rsw.in [-7, 1200], Rsw.out [-1, 200] W/m²
 - Wetness - ok
- Soils
 - Gsoil - ok range [-30, 50]W/m²
 - Lamdasoil - ok
 - Qsoil - values remain low (< 1% vol)
 - Tau63 - ok range 6-10 s
 - Tsoil - Tsoil.0.6cm values swing too high and too low compared to the others. Can someone double check on their visit out there?
 - Vheat - ok
- Sonic - ok, Big spike 1 July ~1600 likely related to the high winds and storm that passed through. Ldiag is elevated that day between 1600 & 1900
- co2/h2o
 - Unrealistic co2.2.7m and co2.7m values 1 July ~ 1520 - 1952 (passage of a severe storm).
 - H2o also doesn't look right during that time, particularly at 7m.
- iload - ok range - 1820 - 1950 mA
- icharge - ok range -180 to -10 mA
- Vbatt - ok
- I3mote - without the spikes range is 45-60 mA
- Imote - with the spikes range is 13-17 mA
- Lamda - no values on Ncharts
- Pirga - ok
- Tirga
 - Tmote is showing wildly varying numbers compared to Tirga
- Rfan - range 5400 - 5600 rpm
- Vcharge - ~27.9 V