

# Daily summary, July 21

July 21, 12:45 CDT and past three days  
Tom Horst (in Boulder)

Summary: Stations 1-4 operational, no ISFS staff on site

\*\* Need to check on 2 m TRH fans. Visit all stations, but 2 and 4 are suspicious from data.\*\*

\*\* I don't know how to interpret lidiag. w'h2o' at stn 1 significantly low during day.\*\*

Vdsm: 13.5-14 V during day, down to 12.5 at night  
P: ok, relative pressures suggest site rises from south to north(?)

T.2m: stn 2 warmer than others during the day (fan??)  
RH.2m: stn 4 high during day; stn 2 lowest at night  
H2O.2m: stn 4 high during day

Wetness: Rain/dew on the nights of July 18-19 and 19-20

T.10m: stn1 warmer than others during the day  
RH.10m: ok  
H2O.10m: ok

Spd.10m: ok  
Dir.10m: ok

T.10m - T.2m: stn 2 most negative during day; see T.2m  
H2O.10m - H2O.2m: stn 4 most negative during day; see H2O.2m

spd.4.5m: ok, see comments for Spd.10m  
dir.4.5m: ok  
w.4.5m: ok  
tc.4.5m: ok, all sites agree within +/- 0.5 degC  
ldiag: ok

kh2oV: anomolous increase at stn 4 night of July 18-19  
kh2o: anomolous decrease at 4 and increase at 2 night of July 18-19  
h2o(licor): ok  
lidiag (licor): numerous spikes at 3 only a few at 1

TKE.4.5m: ok  
w'w': ok  
u\*: ok

w'tc': ok  
tc'tc': ok

w'h2o': ok, stn 1 significantly low during day  
h2o'h2o' (licor): ok  
kh2o'kh2o': stn 4 similar to licors; stn 2 low

w'co2': ok  
co2'co2': ok