

RH.2m at station 2

June 27

I note that there are significant differences among the stations for H2O.10m - H2O.2m. This appears to be caused by differences among the stations for RH.2m.

Averaged over the past three days:

$\text{RH.2m (ncar2)} - \text{RH.2m (ncar4)} = -4.3\%$

$\text{RH.2m (ncar3)} - \text{RH.2m (ncar4)} = -0.8\%$

Some of this could be real, caused by differences in soil moisture and the corn heights. However for station 2, H2O.10m - H2O.2m is often > 0 except in the middle of the day. RH.10m is very consistent among the stations, as is both T.10m and T.2m.

I suggested to Dan Rajewski that he swap the 2m TRH sensor at station 2 with one of those intended for station 1. He hopes to do this on Tuesday.

June 28

Oops. We discovered that the two TRH sensors intended for station 1 are in the corresponding dsm enclosure, which is in the pickup truck that Kurt is currently

driving back to Ames in order to install station 1 on Wednesday. Kurt also has two spare TRH sensors and one of those will be swapped with the 2m TRH at station 2, hopefully on Wednesday also.