

# NCAR 4 station visit

Dan and Kris onsite; ground fairly hard, some cracks

Purpose: Fix source of noise in krypton data (may require replacing sonic with serializer)

1506, called me (Steve O.) in Boulder; still see noise; lower mast

~1530 reseated all connectors; noise went down by a factor of 4.

~1540 connecting spare (1389) handheld; noise gone

~1545 cleaned krypton with water; signal increased from 0.02V to 0.10V, still no noise

~1550-1623 swapped kryptons (removed 1390) and electronics; decided it was best to remove sonic boom to get access to krypton head

(thus need to restart tilt correction at this time, which we probably would have done because the mast was down)

~1630-1645 raise mast; krypton still checks out okay, and WWW plots show variance that match the other stations

1657: Have just updated ../cal\_files/no\_QC/krypton\_ncar4.dat to use new sensor calibration.