

# Daily Report for Fri Oct 4

Daily Report for Friday October 4

Sunny, but cool with northerly breeze as a dry cold front moved through. Expecting conditions to improve Sunday with possible IOP Sunday night.

All systems working well. Profiler seeing winds to 2 - 3 km and RASS to 1 - 1.2 km, the sodar seeing winds to 100 - 150 m and RASS to 100 - 200 m, and the lidar seeing out to 1.5 - 2 km. Profiler amp power is 200W for RASS and 145W for winds.

Set up more of the web site today, and now wind profiler plots are appearing <http://www.eol.ucar.edu/content/apg-metcraxii>

We adjusted the lidar heading and level today, which required moving the platform a little. Previously the lidar had been pointing at about 353 deg, and from 22 UTC it was pointed directly at true north. Note that the internal compass seems to be about 2 deg off, and claims that it is pointing at 347 deg (mag) or 358 deg true. We also corrected the level.

Generator at late afternoon is about 3/4 on the dipstick, oil press & temp is 60 psi and 180 F. Set up generator servicing with Sunstate Equip for Monday afternoon at 2pm.