

NOTES on the NCAR/EOL ISS surface meteorology dataset collected during the Inhibition of Snowfall by Pollution Aerosol project of 2002 (ISPA-2002).

These data files beginning with the prefix surface_met are for the primary Campbell surface station. The original netcdf files have had a wind correction applied and then all files on the same GMT day were concatenated into a singly daily file. The wind correction was a simple 180-degree reversal of the wind direction to account for the orientation of the surface tower.

These data files beginning with the prefix surface_two are for the second Campbell surface station, which was only measuring snowfall. The original Campbell data were ingested into netcdf files. These netcdf files were created by removing several data fields, and then concatenating all files on the same GMT day into a single daily file. The removed fields are fields for which data was recorded during the campaign, but were not actually attached to any sensors. Those fields are as follows:

pres, tdry, rh, wspd, wdir, vwspd, wdev, vis, netrad, ir

The snowfall field was actually recorded under the name "rain," since a rain gauge is usually attached, and that name is still used in these files.