Scientific Quick-look Plots

Virendra Ghate, Thomas Surleta, and Maria Cadeddu Argonne National Laboratory

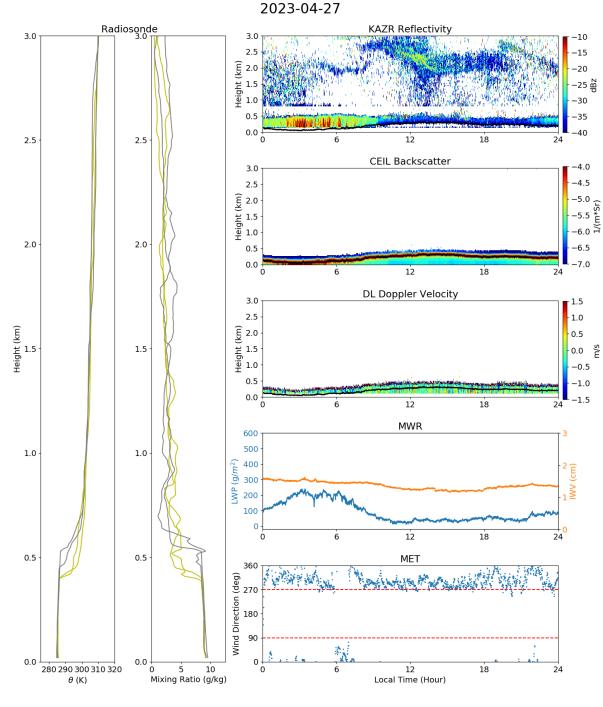
&

Christian Palayo and Sanghee Han University of California at San Diego









- Scientific quick-look plots available at <u>https://wordpress.cels.anl.gov/clouds/epcape/</u>
- Four daily plots showing aerosol, cloud, meteorological and wind fields.
- Used for identifying cases for further analysis and instrument issues.
- Three cases of overcast marine stratocumulus clouds are of interest. Also sampled at the ancillary site.
 - 27-28 April, 2023
 - 16-17 May, 2023
 - 3-4 July, 2023

- Low-level marine stratocumulus lasting for 48 hours.
- Cloud top heights ~500 m and bases lower than the first KAZR-GE range gate (~130 m).
- Plans to derive drizzle properties and physical liquid water path.

