

Aircraft details
(altitude, latitude, longitude)

Level 0 — Raw Data
RH, T , p , u , v , lat, lon

ASPEN QC

Level 1 — netcdf
RH, T , p , u , v , lat, lon

Custom QC

Level 2 — zarr
RH, T , p , u , v , lat, lon

Common Grid

T and q
(Hardy 1998)

θ_{dry}

Level 4 — zarr
div, vor, ω , means

Regression

Interpolation

Level 3 — zarr
RH, T , p , u , v , q , θ
IWV, wind spd, wind dir

Flight segmentation
(circle times, radius, lat, lon)

