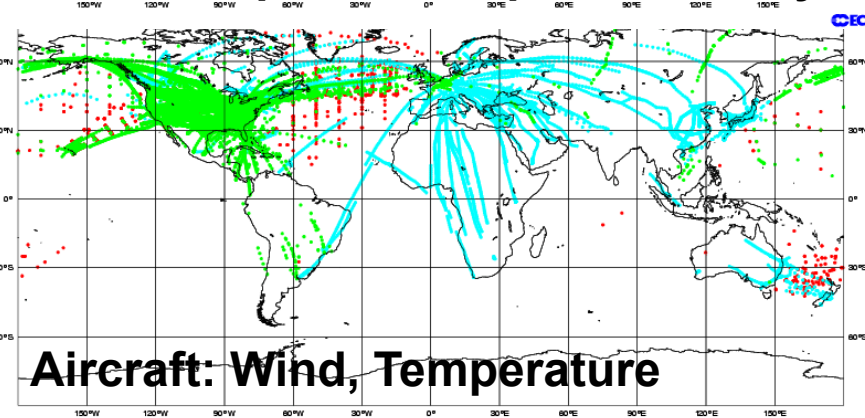
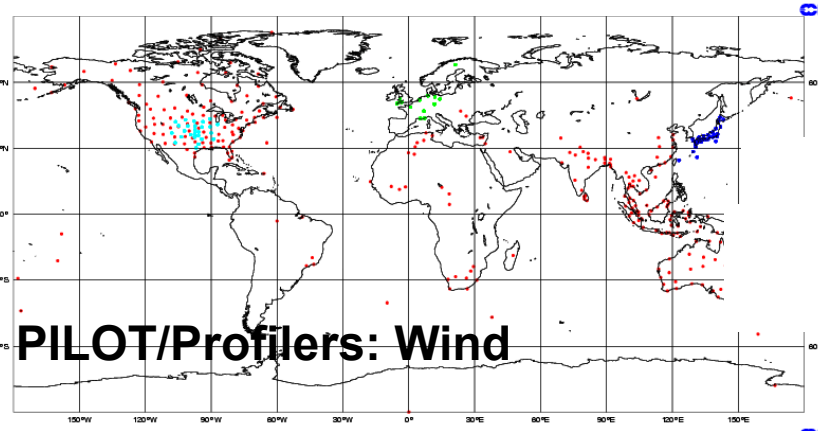
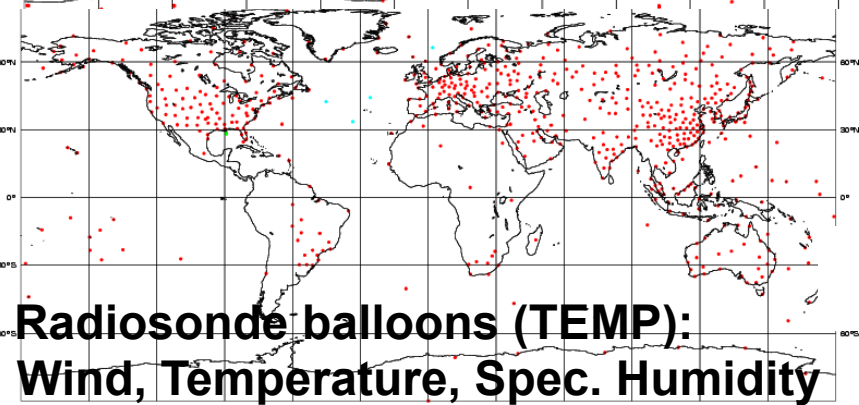
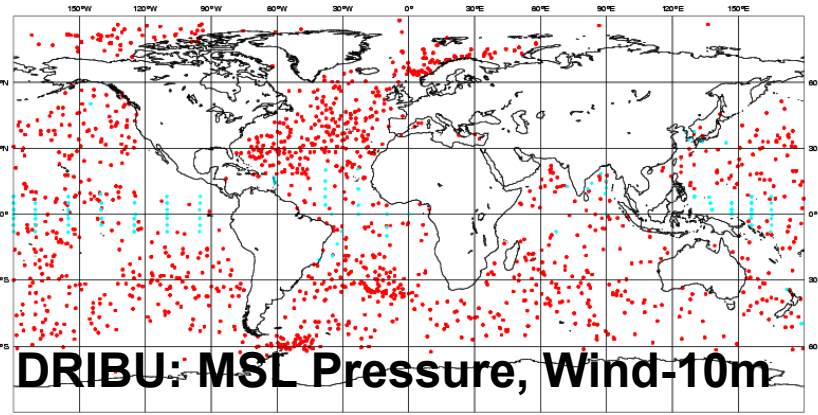
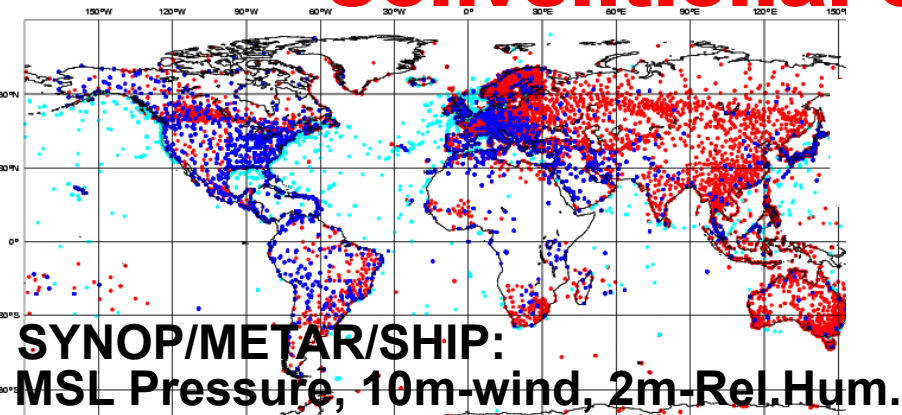


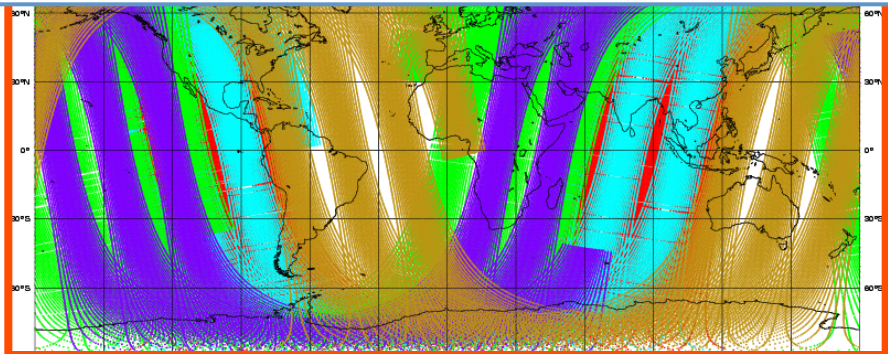
Conventional observations used



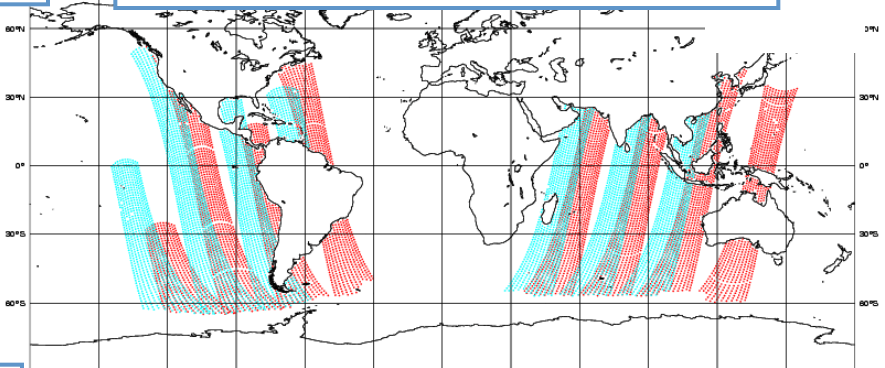
Note: We only use a limited number of the observed variables; especially over land.

Satellite data sources used in the operational ECMWF analysis

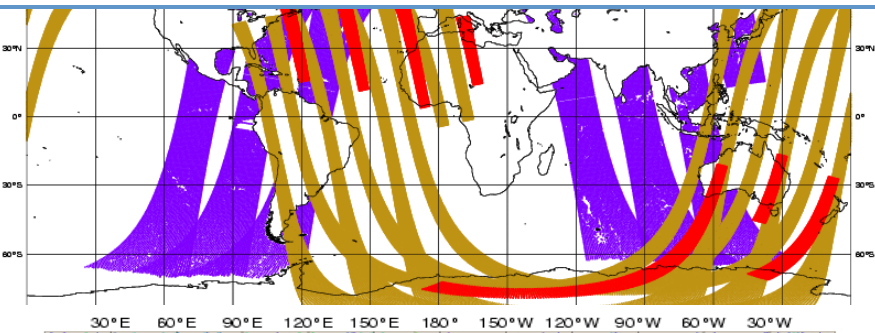
13 Sounders: NOAA AMSU-A/B, HIRS, AIRS, IASI, MHS



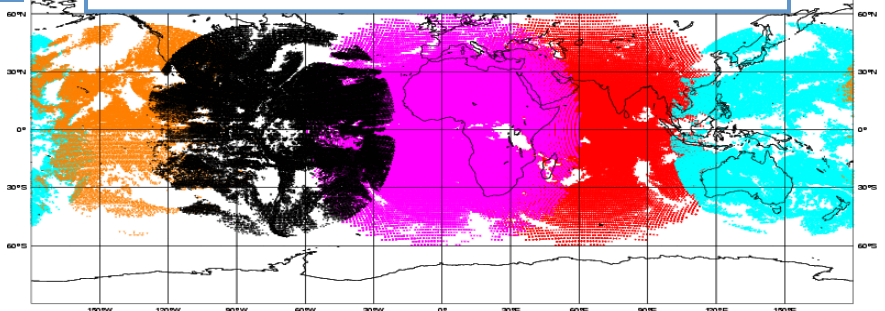
5 imagers: 3xSSM/I, AMSR-E, TMI



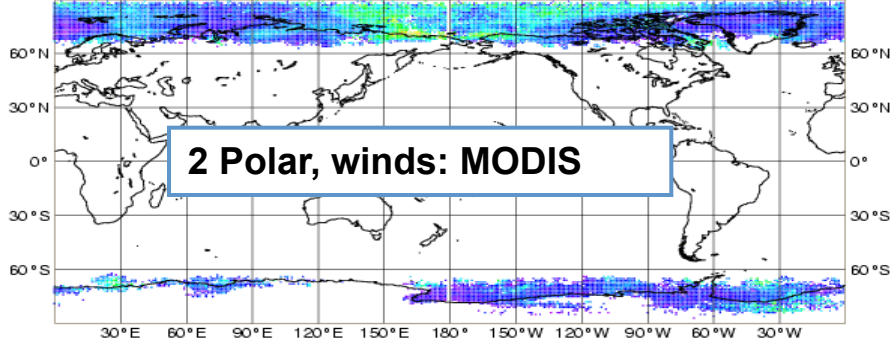
3 Scatterometer sea winds: ERS, ASCAT, QuikSCAT



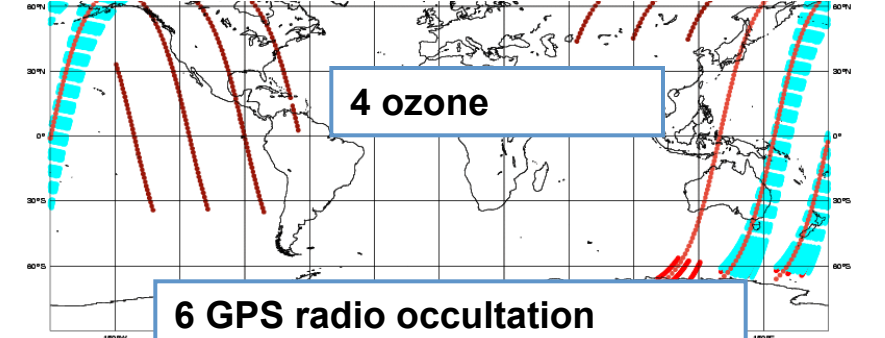
Geostationary, 4 IR and 5 winds



2 Polar, winds: MODIS



4 ozone



6 GPS radio occultation