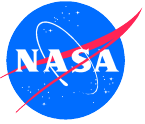


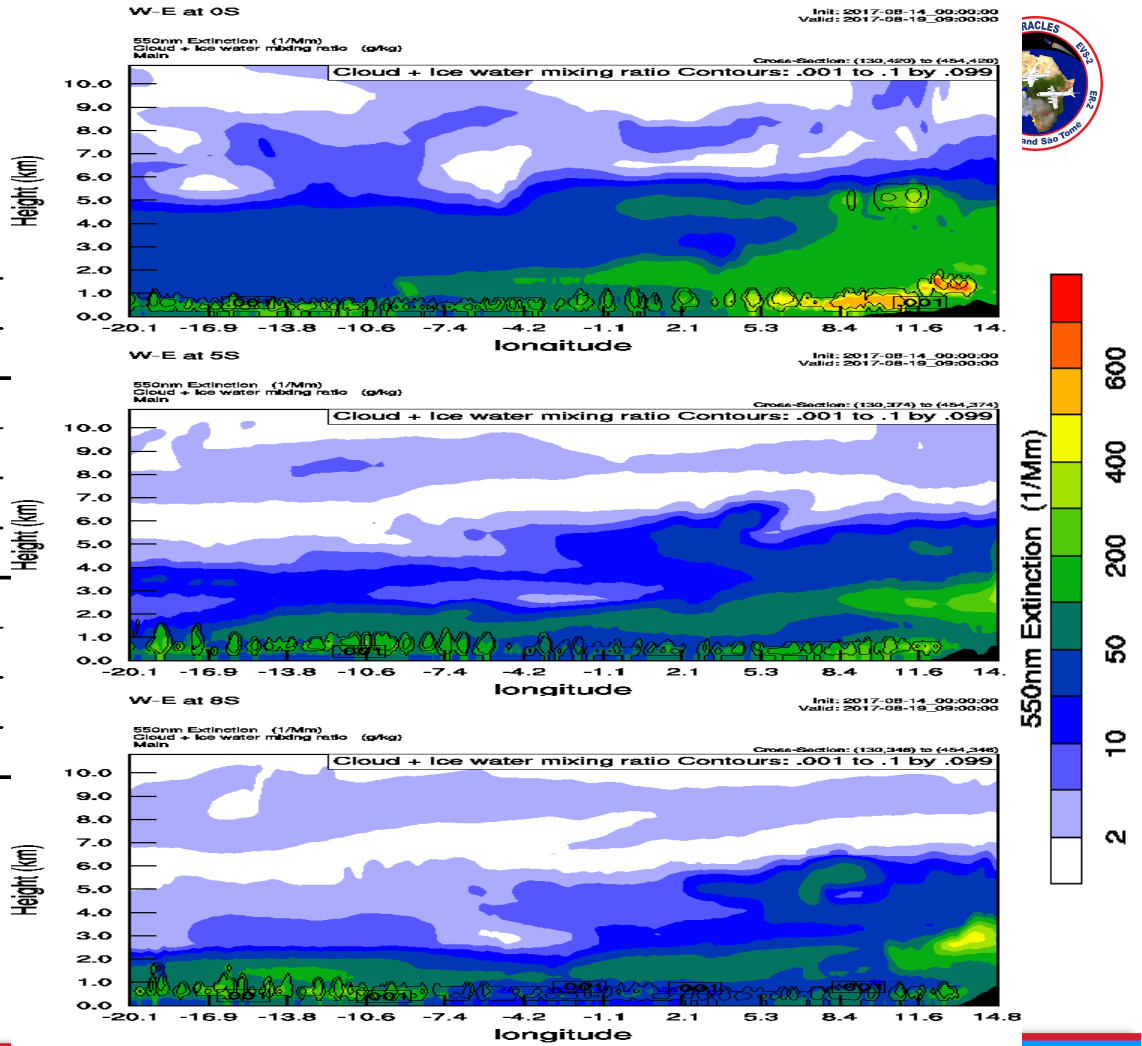
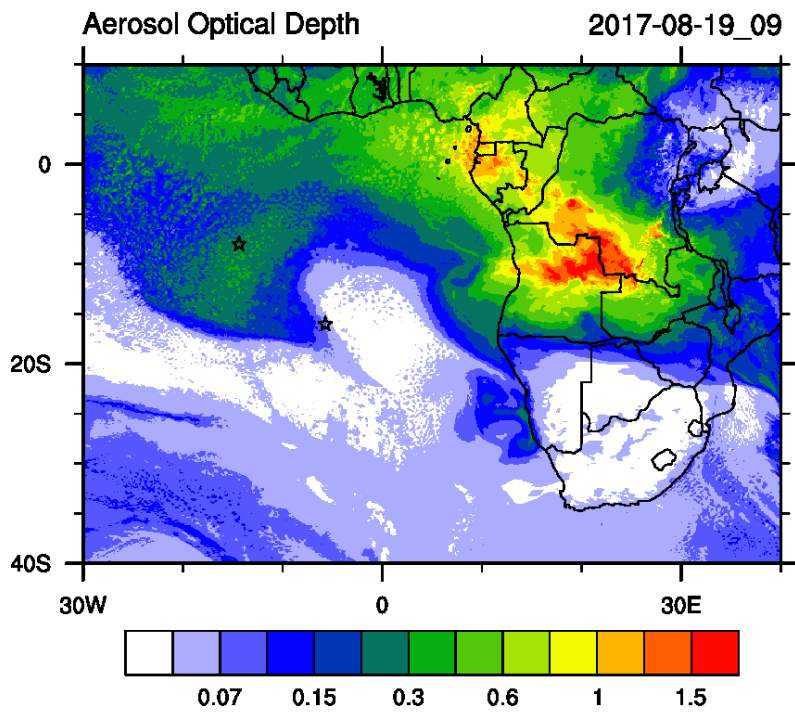
ORACLES Forecast Briefing

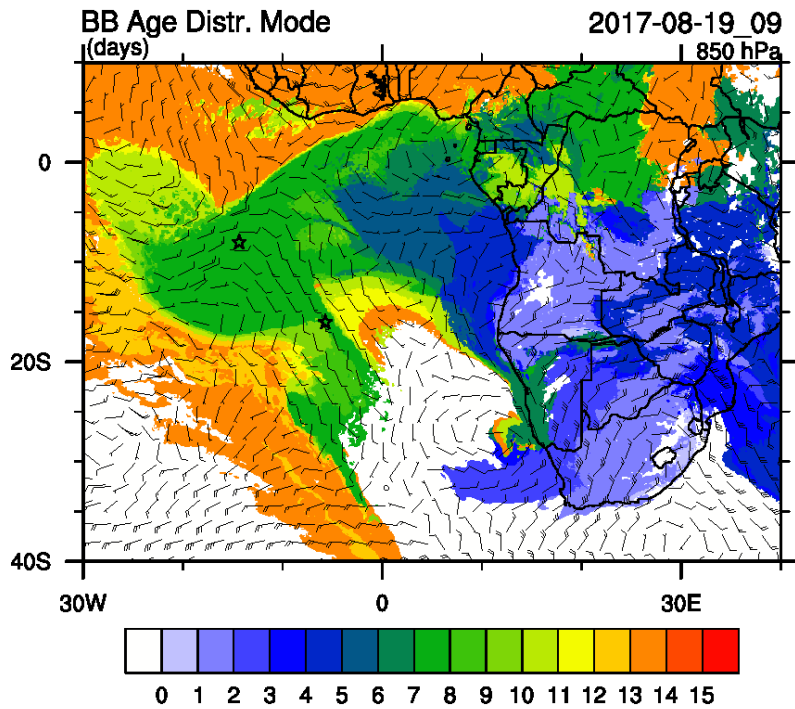
Aerosols
18 August 2017



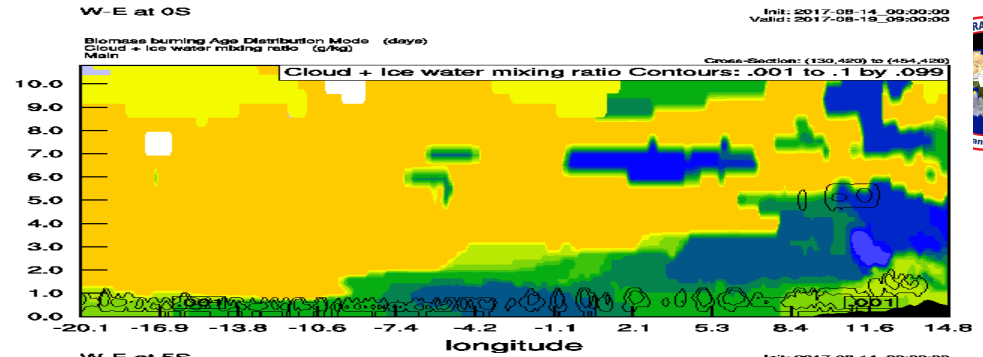
Flight Day (Return from Ascension)

SATURDAY, 19 AUGUST 2017

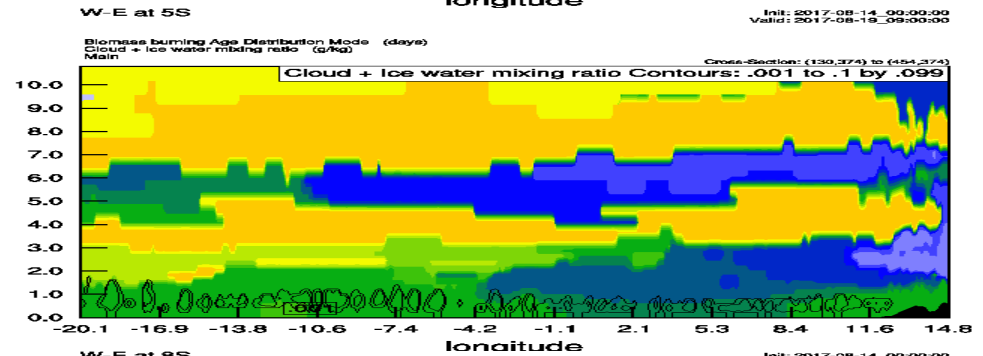




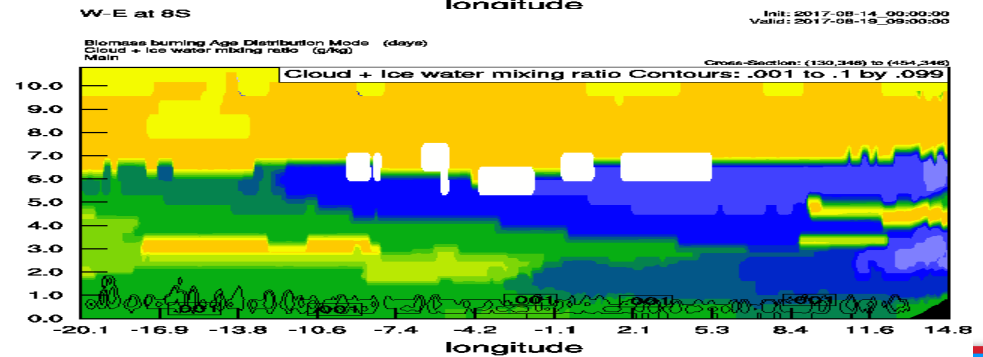
W-E at 0S



W-E at 5S



W-E at 8S



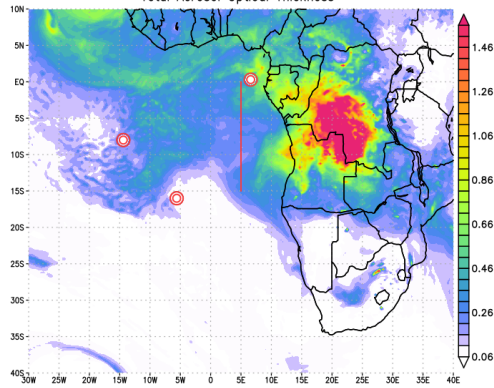


Initialization:

08-17 12Z

TOTAL AOD 550 nm

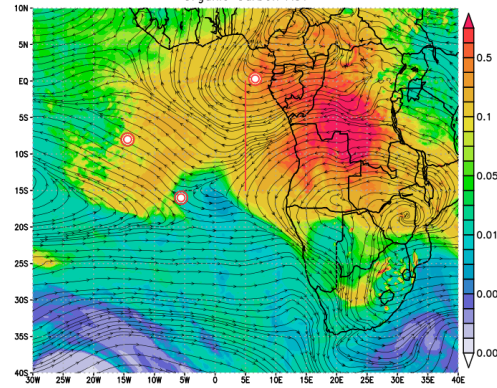
NASA/GMAO - GEOS-5 Forecast Initialized on 12z 2017-08-17
Total Aerosol Optical Thickness



48 hr forecast valid Sat 12z 2017-08-19
Total Aerosol Optical Thickness

Organic Carbon AOD

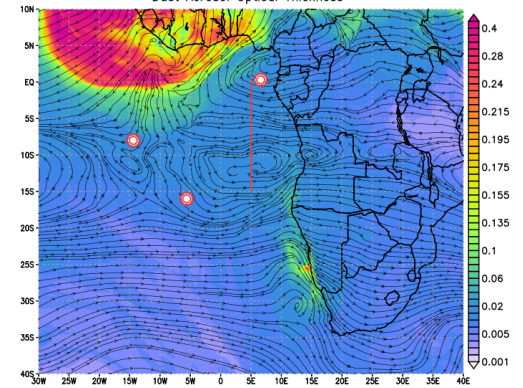
NASA/GMAO - GEOS-5 Forecast Initialized on 12z 2017-08-17
Organic Carbon AOT



48 hr forecast valid Sat 12z 2017-08-19
Organic Carbon AOT

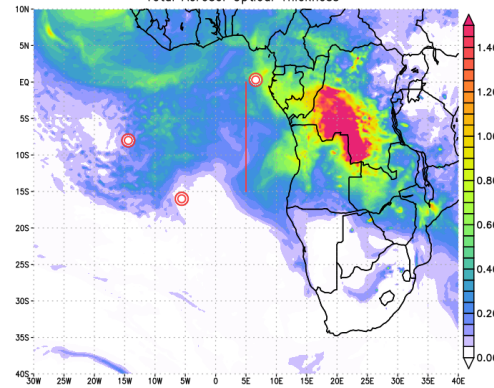
DUST AOD

NASA/GMAO - GEOS-5 Forecast Initialized on 12z 2017-08-17
Dust Aerosol Optical Thickness

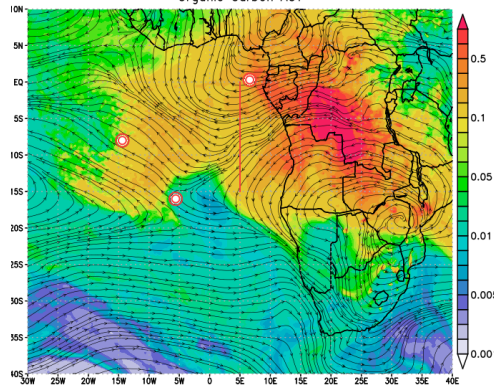


NASA/GMAO - GEOS-5 Forecast Initialized on 06z 2017-08-18
Dust Aerosol Optical Thickness

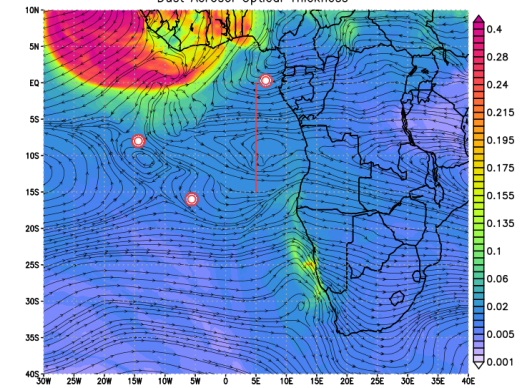
08-18 06Z



30 hr forecast valid Sat 12z 2017-08-19
Total Aerosol Optical Thickness



30 hr forecast valid Sat 12z 2017-08-19
Organic Carbon AOT



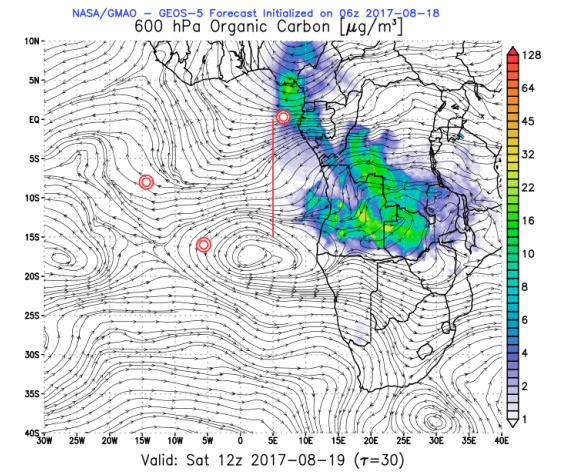
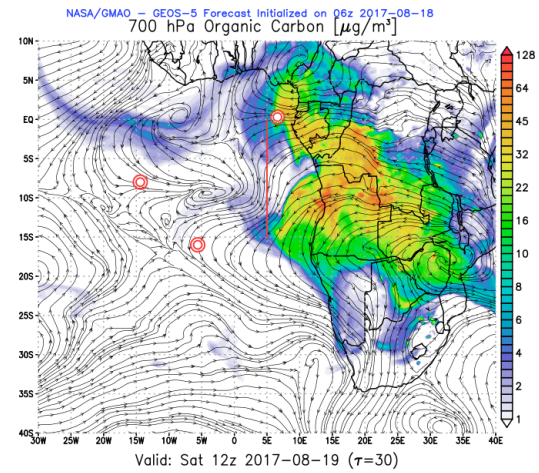
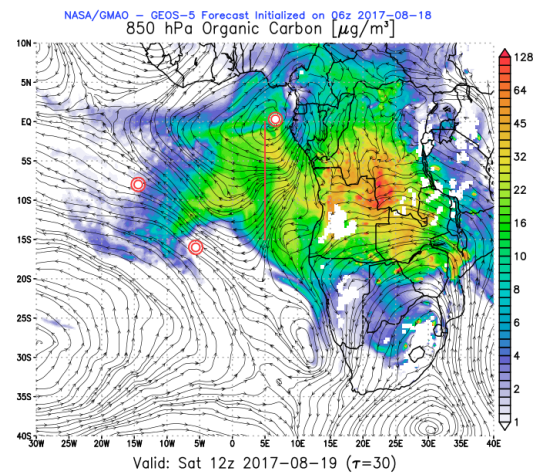
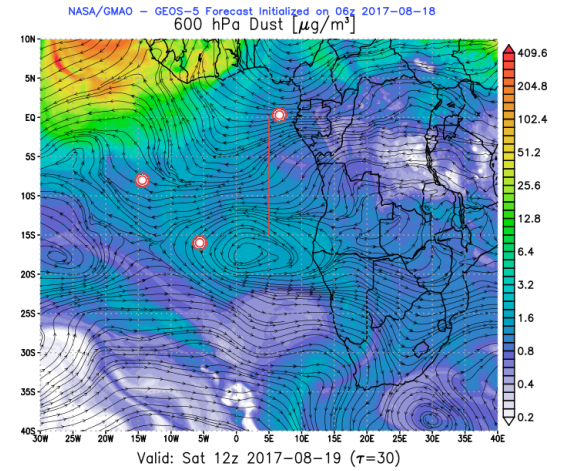
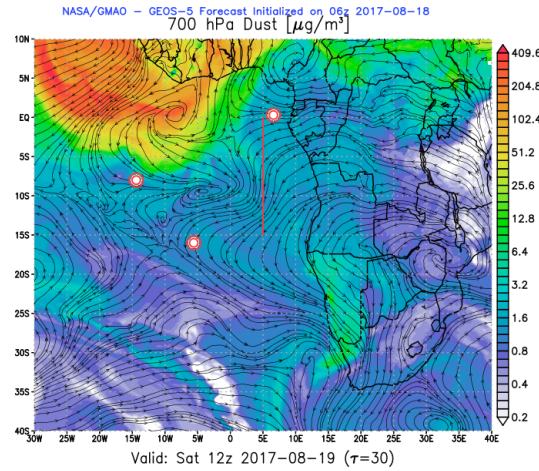
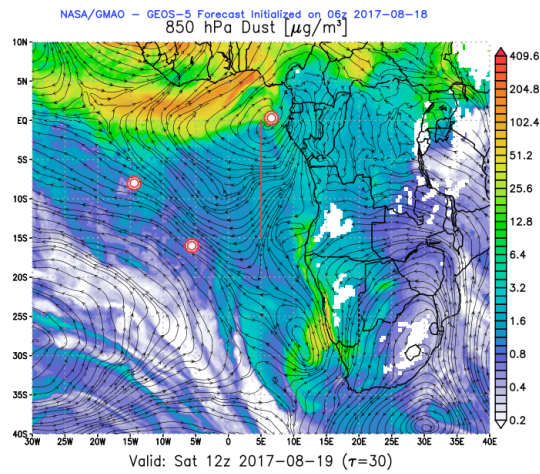
30 hr forecast valid Sat 12z 2017-08-19
Dust Aerosol Optical Thickness



DUST

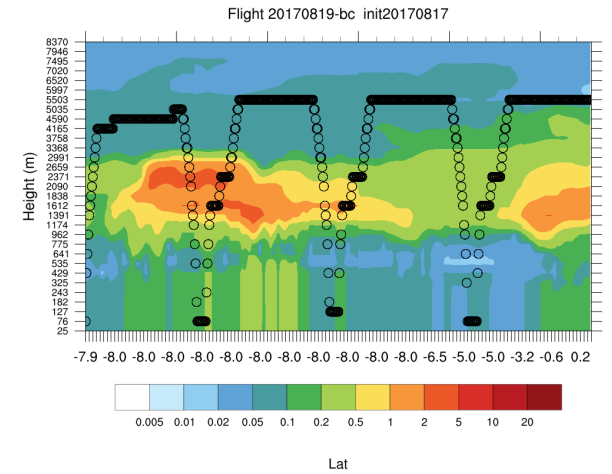
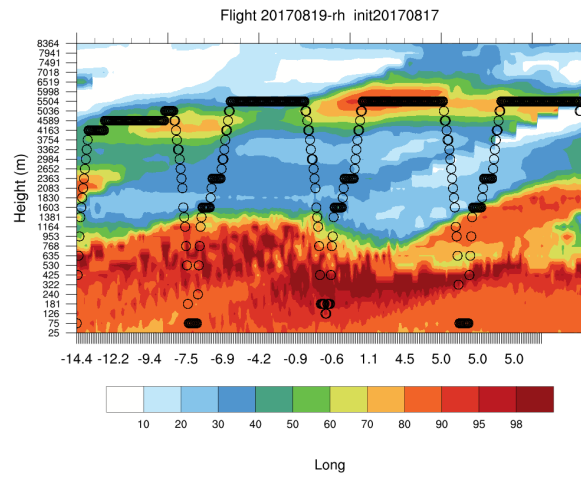
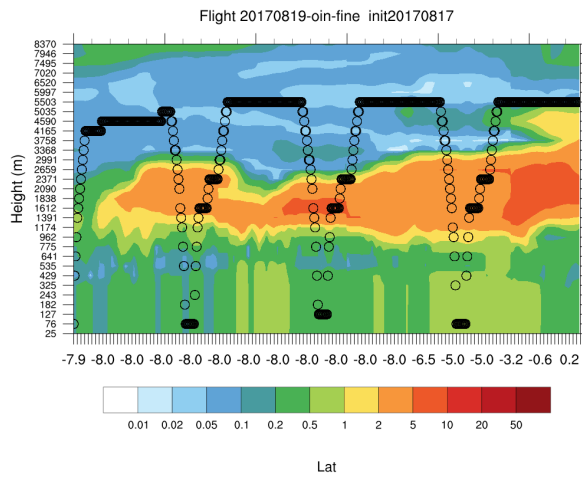
850 hPa
700 hPa
600 hPa

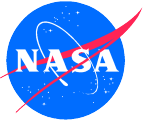
ORGANIC CARBON



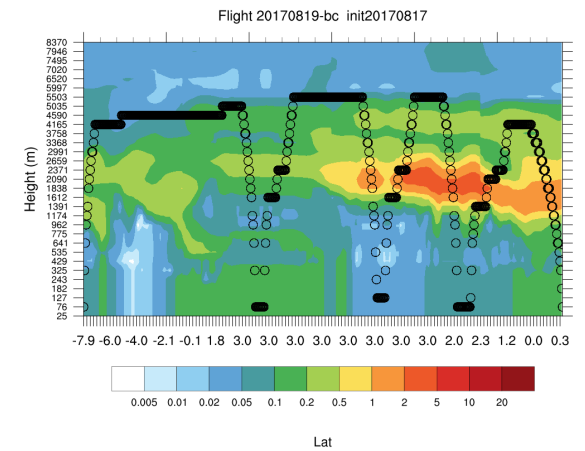
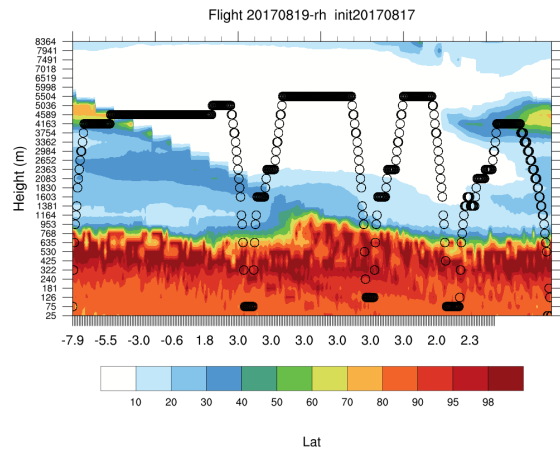
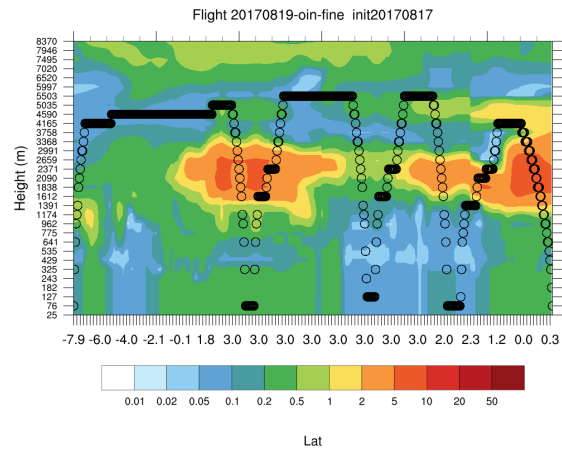


Flight Aug 18th – South track



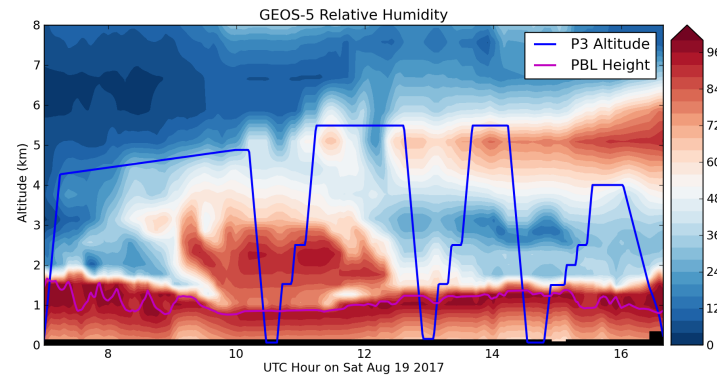
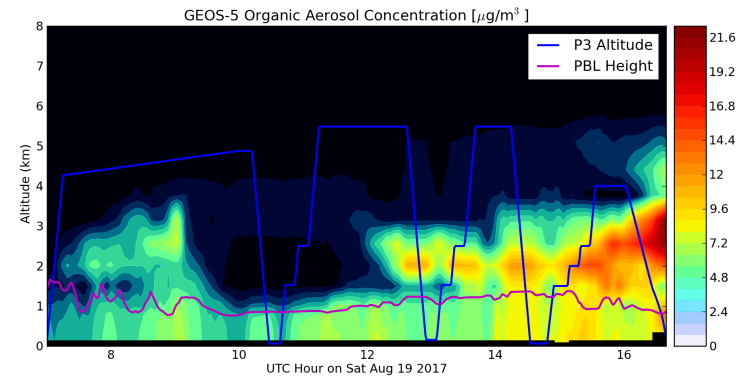
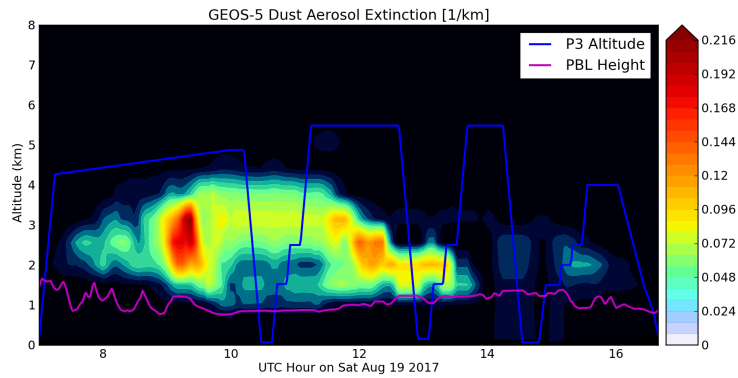


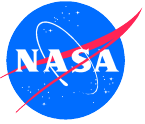
Flight Aug 18th – North track





Sat 19 Aug 2017 (North Track)





Sat 19 Aug 2017 (South Track)

