

DISCOVER-AQ

HSRL Data Summary

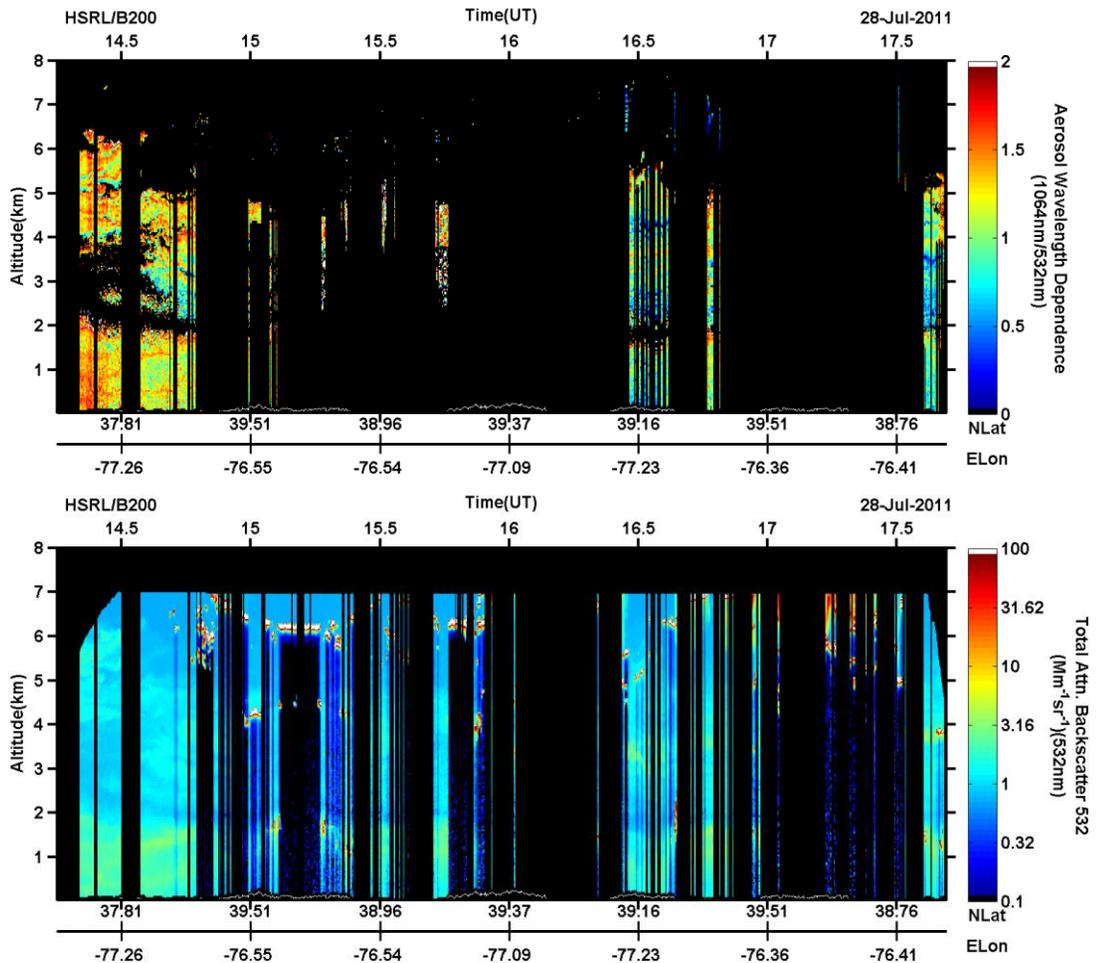
FLIGHT: Morning science flight (1 of 1)

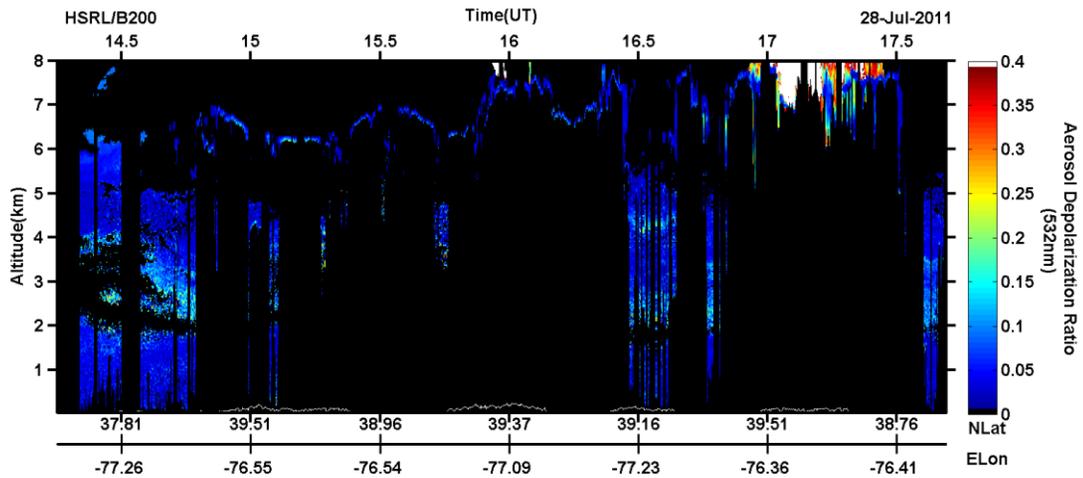
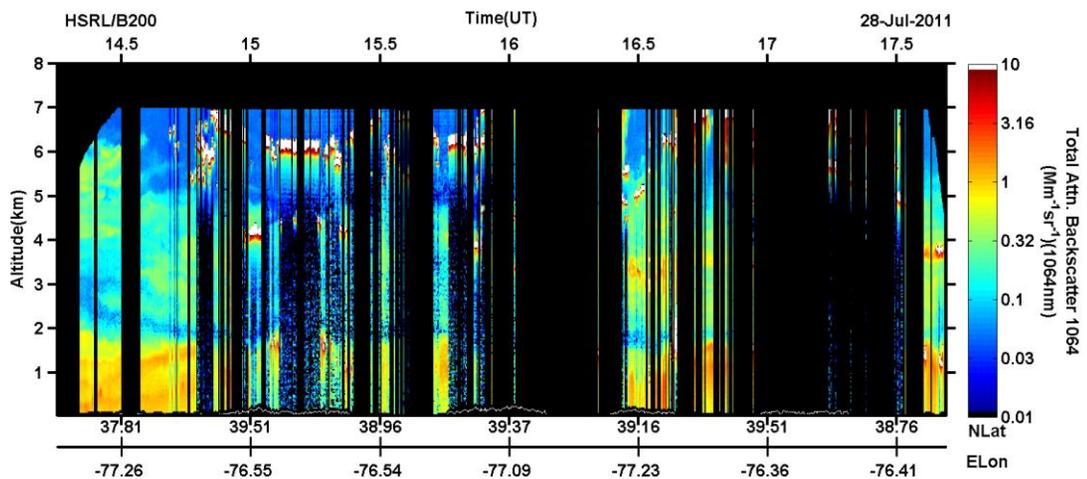
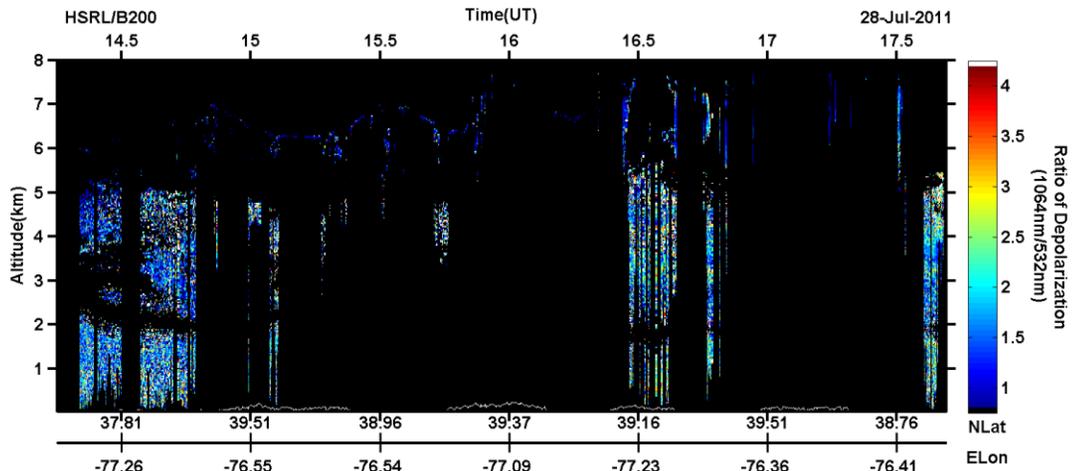
DATE: July 28, 2011

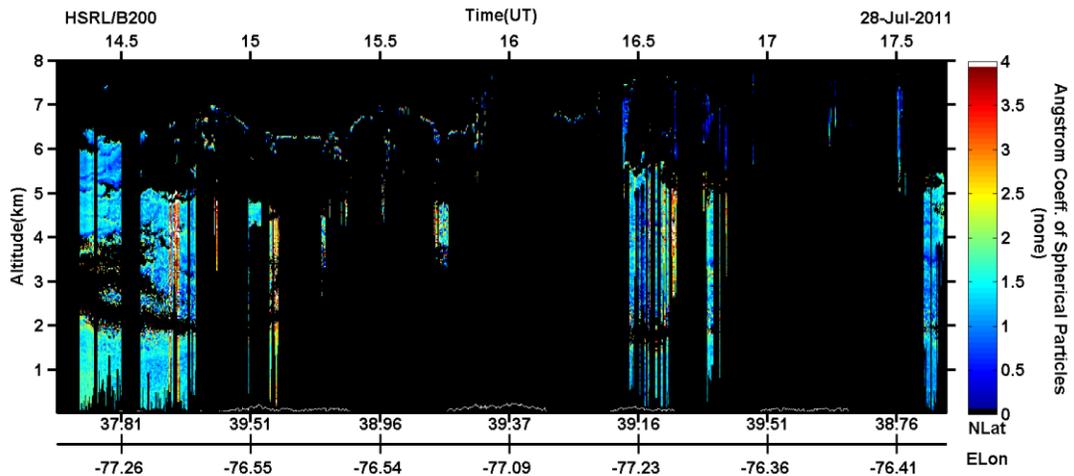
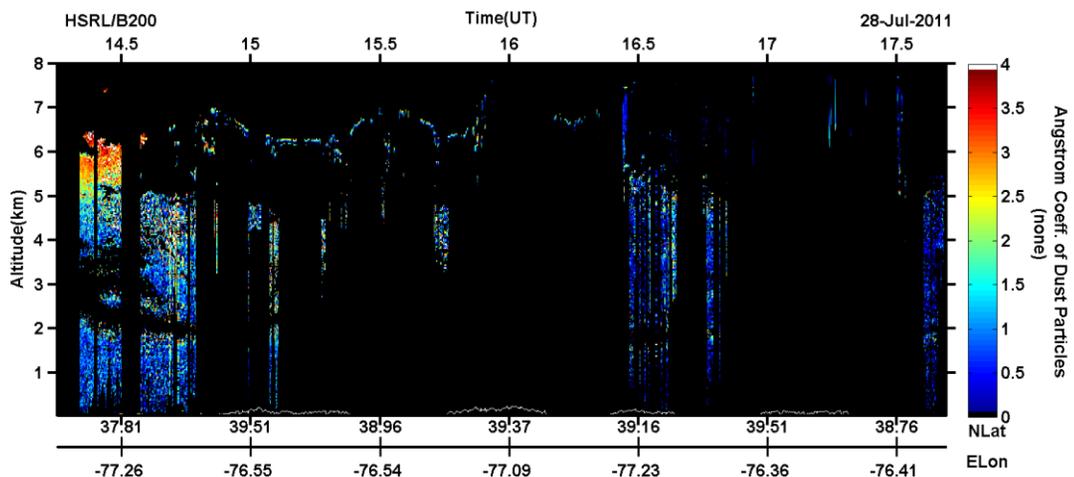
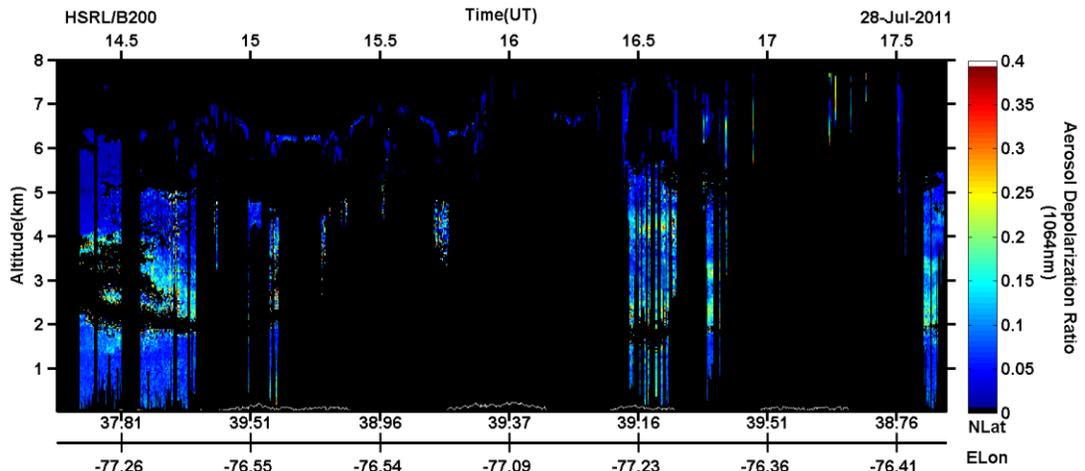
DURATION: 3.9 hours

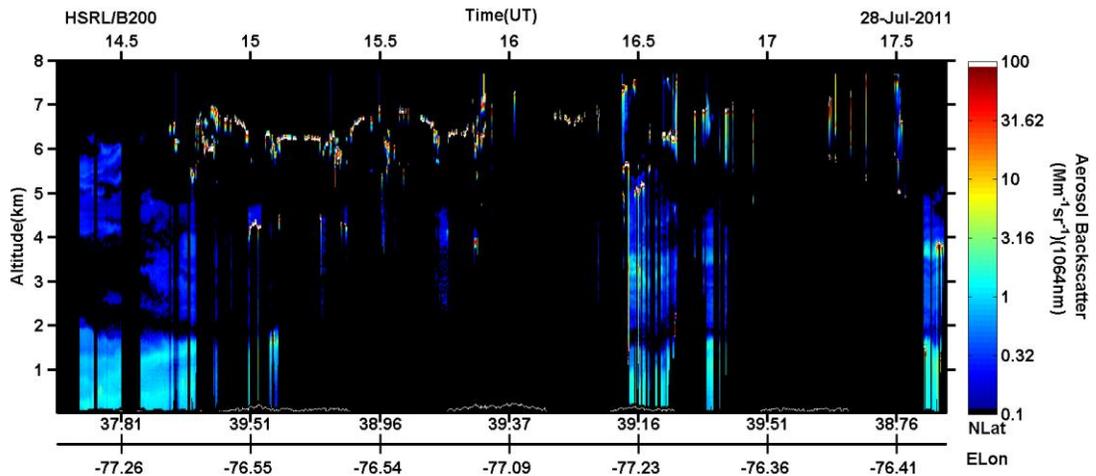
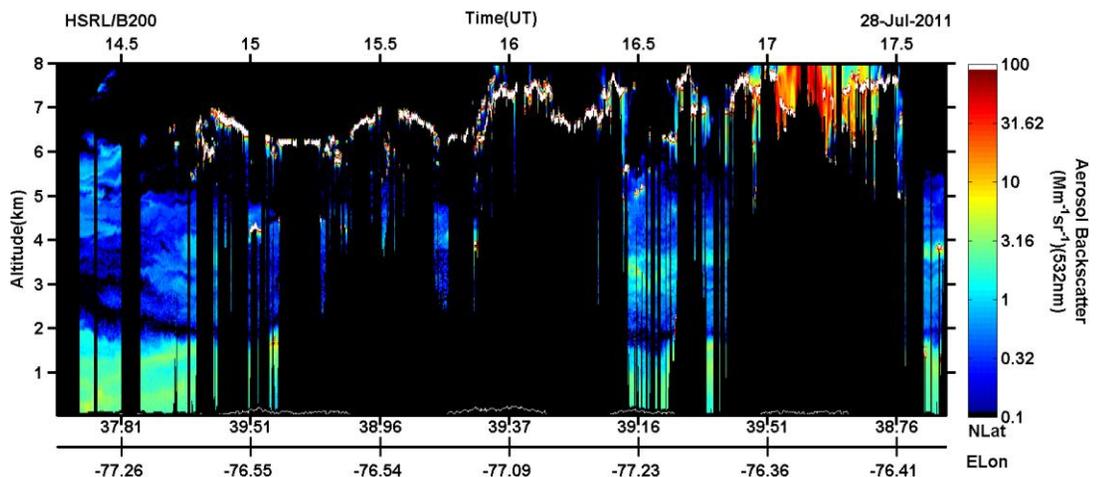
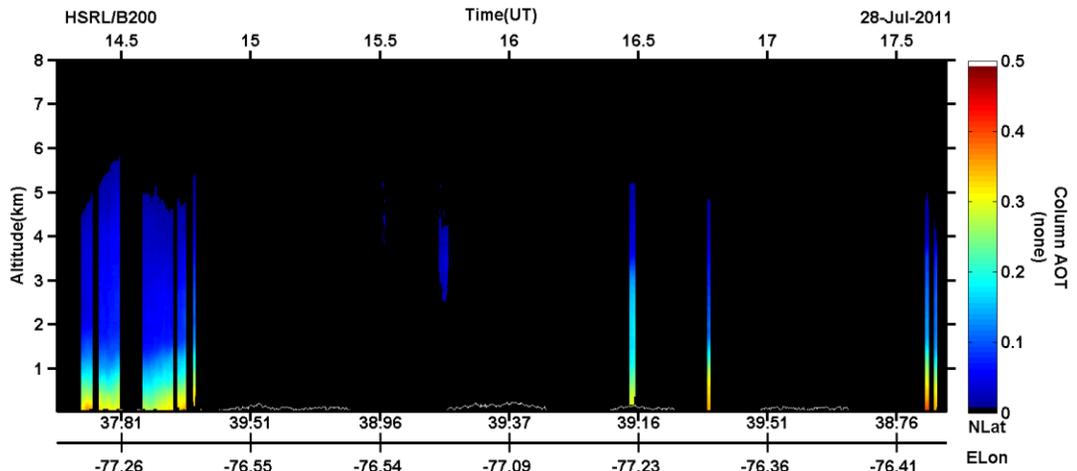
SUMMARY: Takeoff was at 10:01 AM local time from Newport News, VA. A typical, distinct boundary layer with a lofted weaker-scattering aerosol layer were present, however, thick clouds a few thousand feet below the UC-12 aircraft and sometimes at the aircraft altitude prevented data from being taken below 20,000 feet for much of the flight. The second flight for the day was cancelled due to the cloud cover. HSRL operation was nominal.

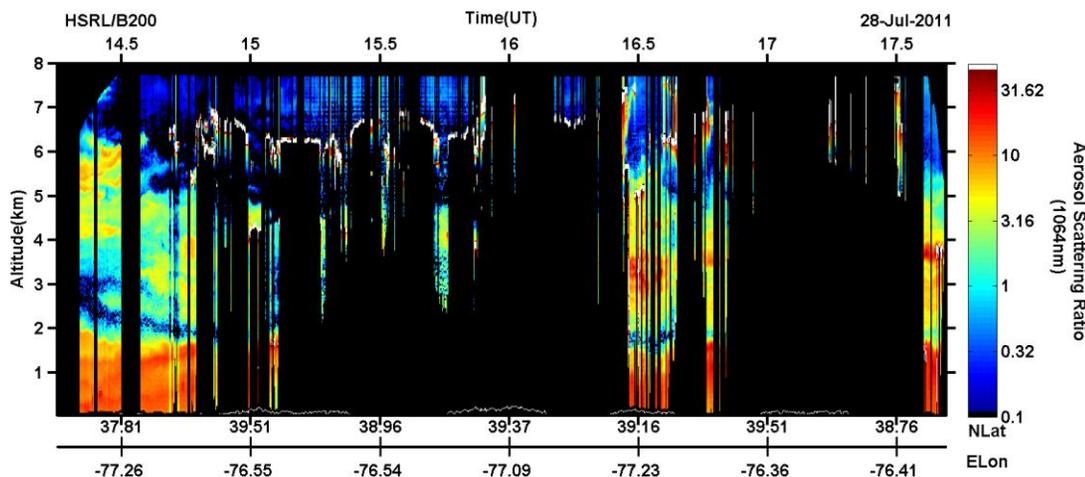
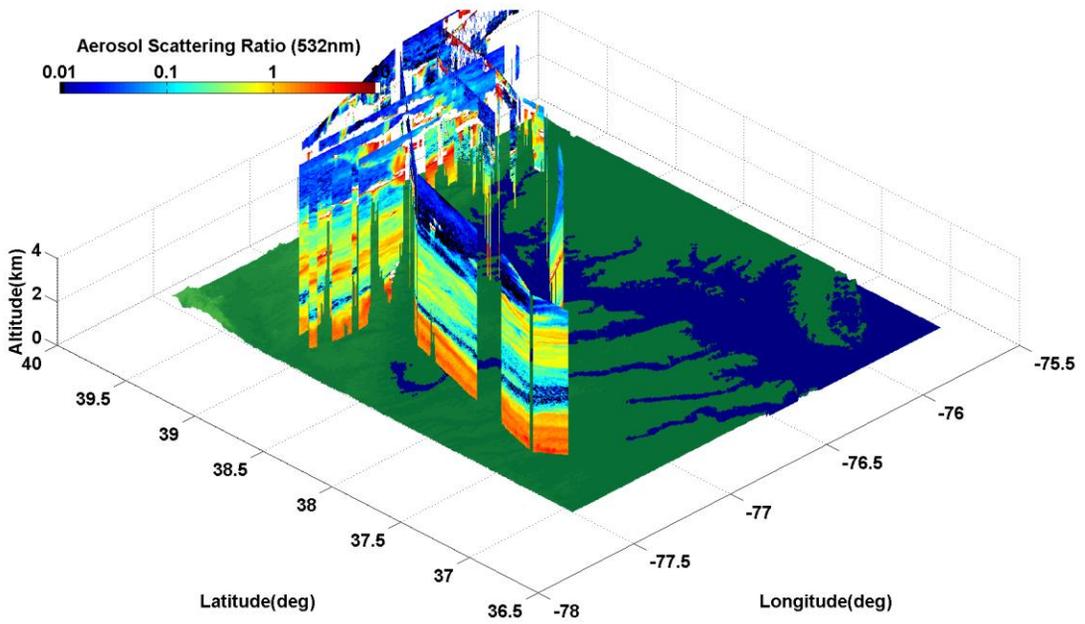
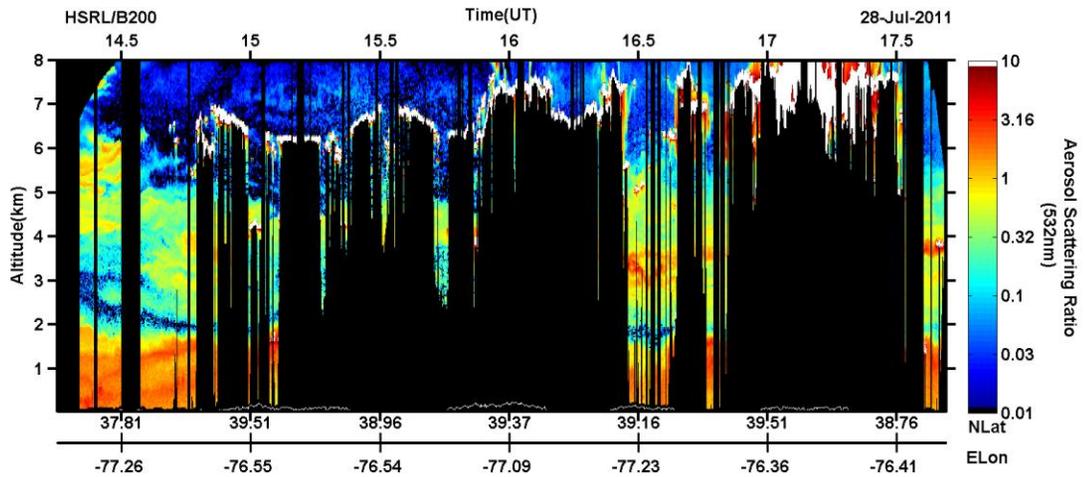
SUMMARY PLOTS:

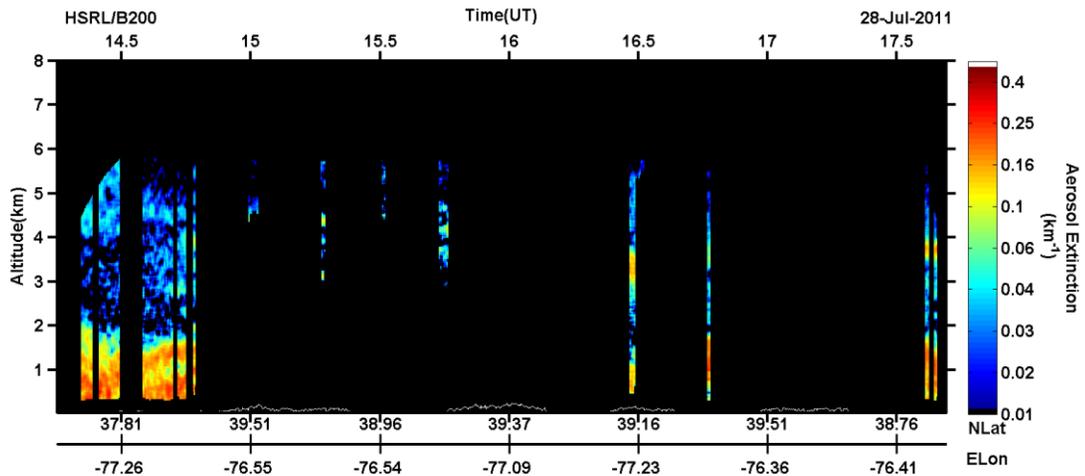
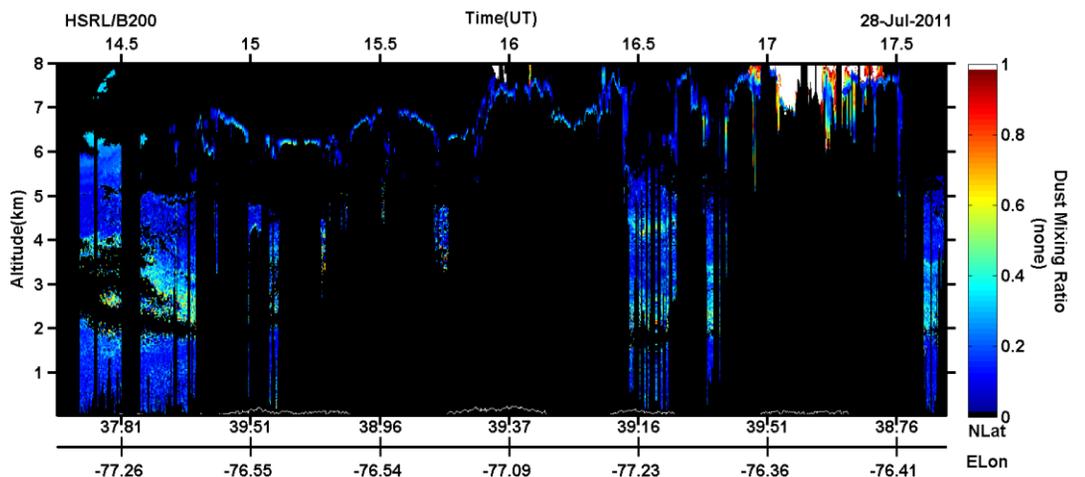
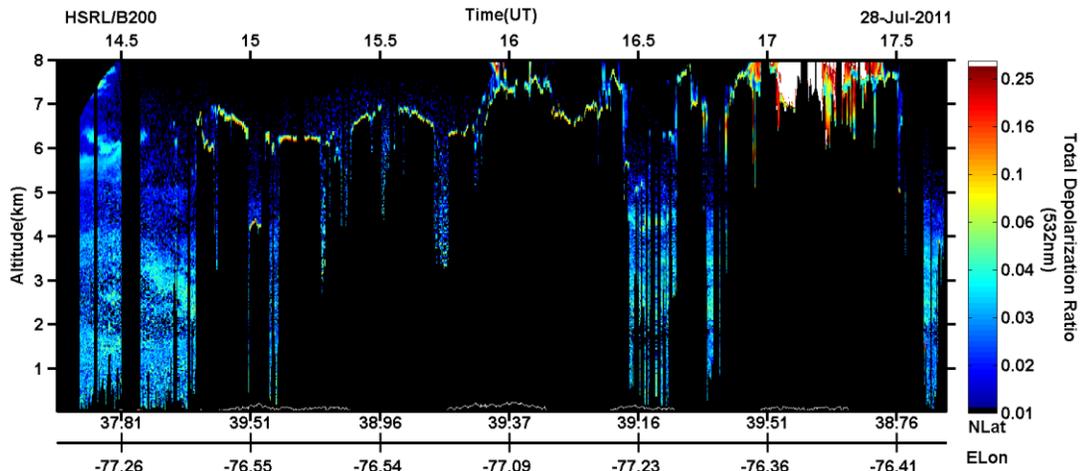












NASA Langley HSRL/B200 28-Jul-2011

