

The HYSPLIT backward trajectories started from altitudes of about 15.75 km over Tomsk (56.48° N, 85.05° E) at 17:00 UTC on 26 August 2017.

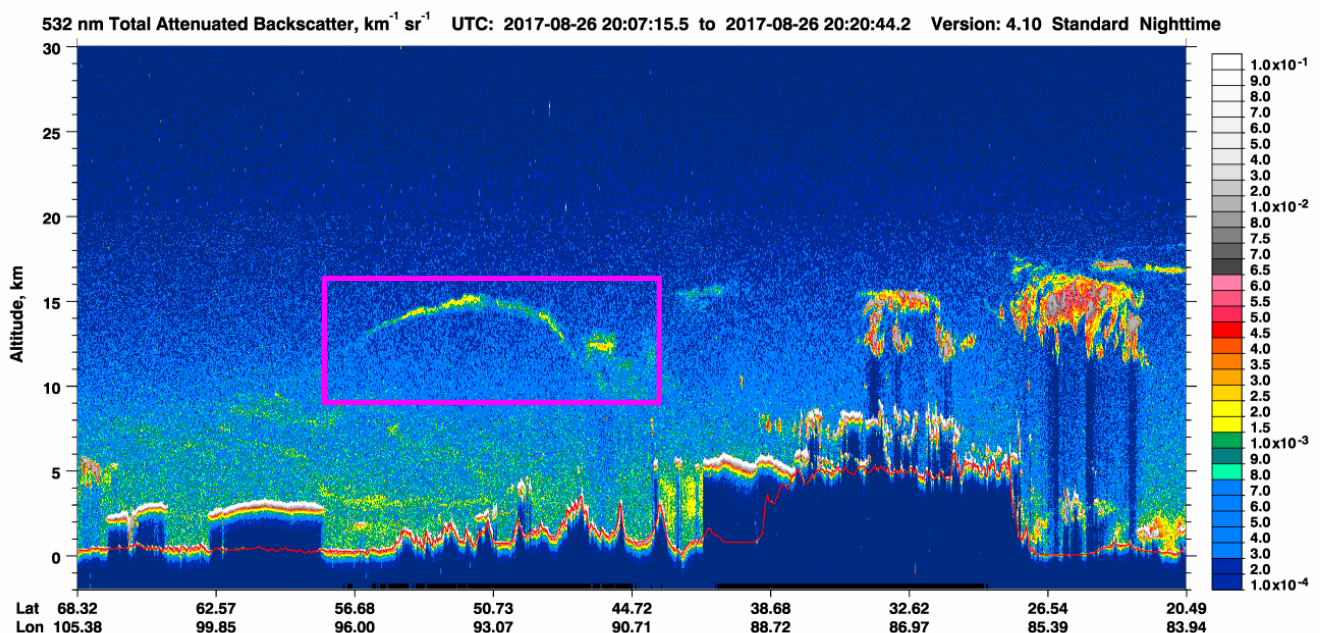
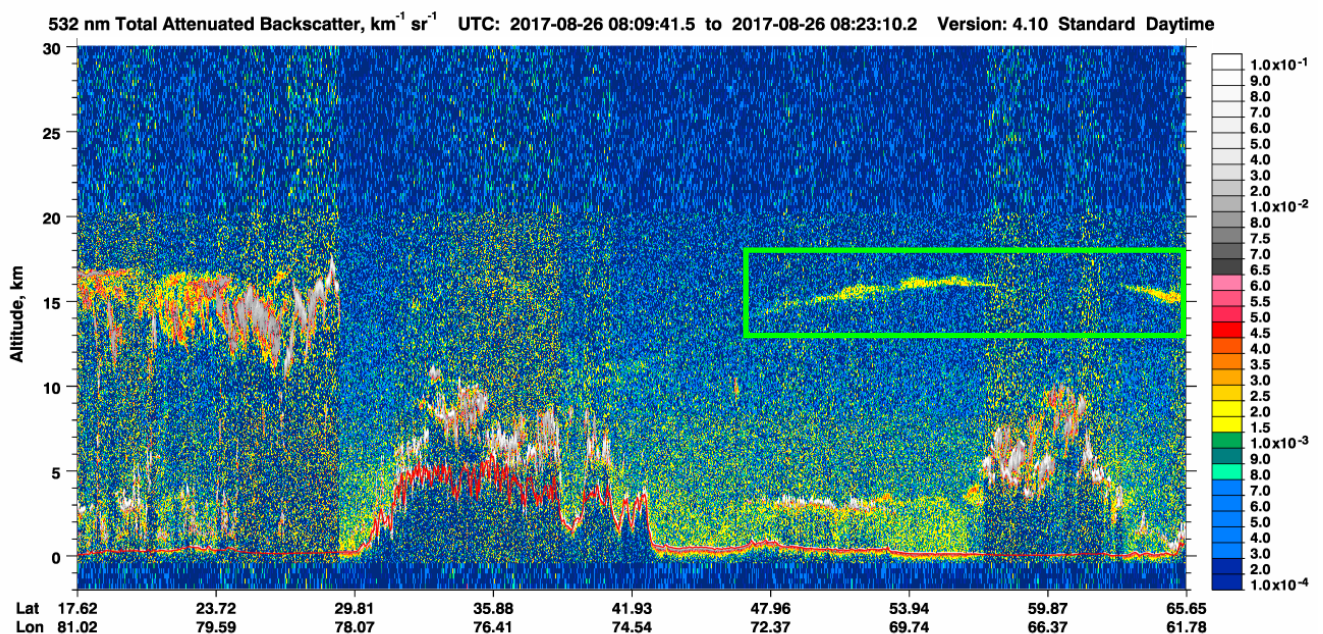
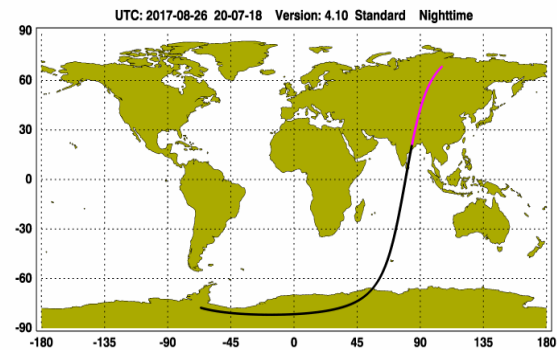
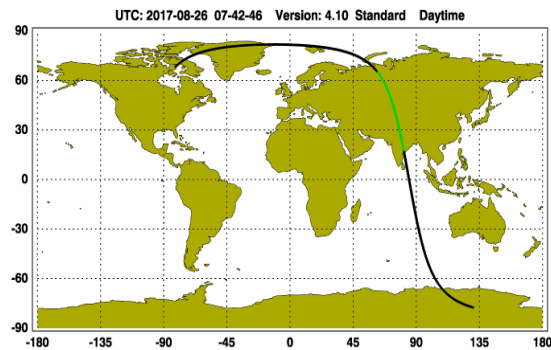
The closest to Tomsk daytime (image three) and nighttime (image one) CALIPSO orbit tracks, version 4.10

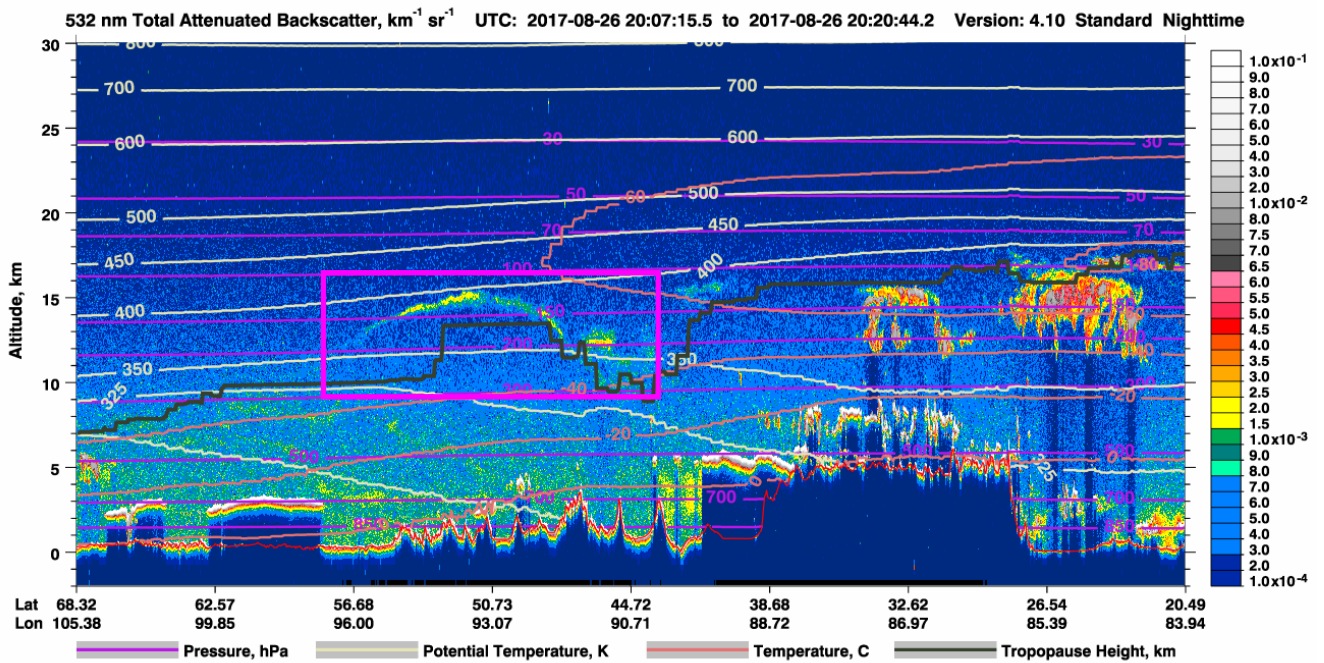
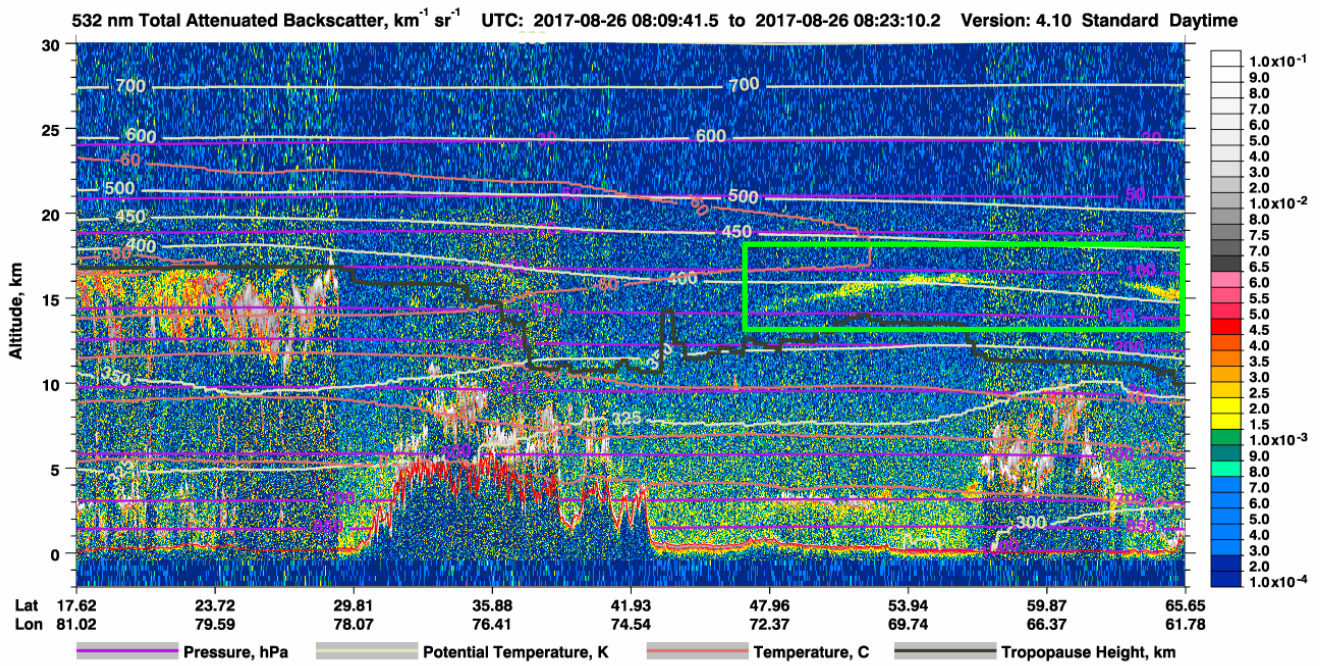
Daytime orbit track before lidar measurement in Tomsk:

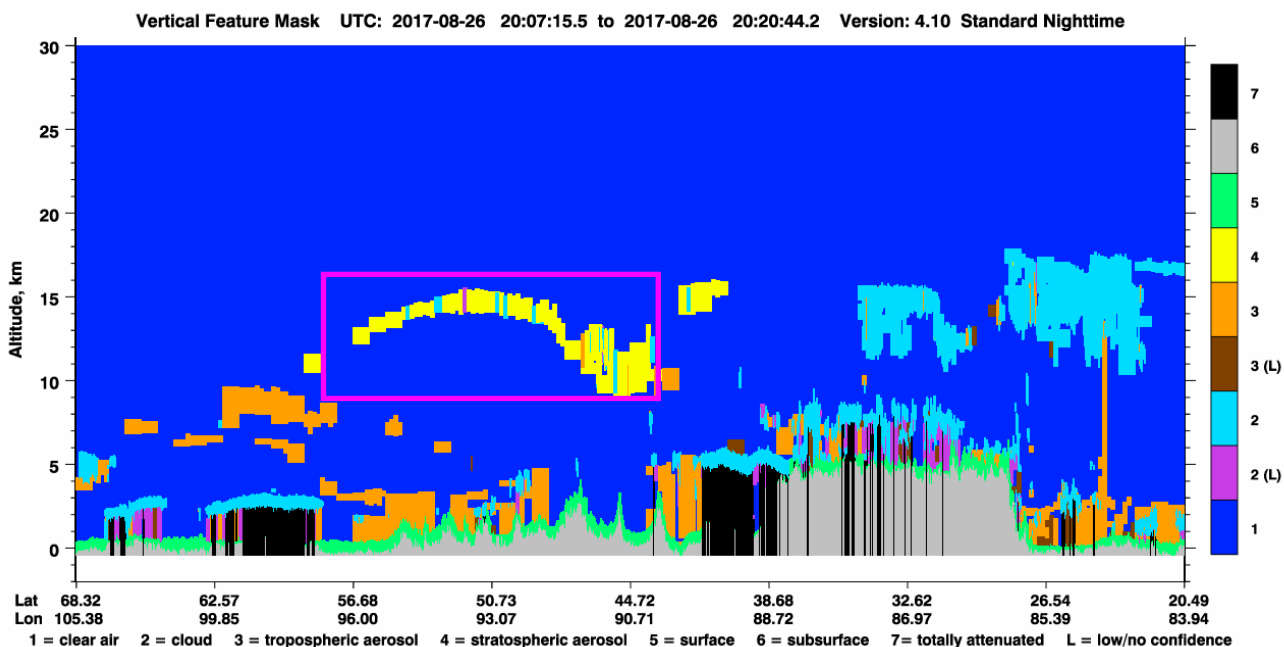
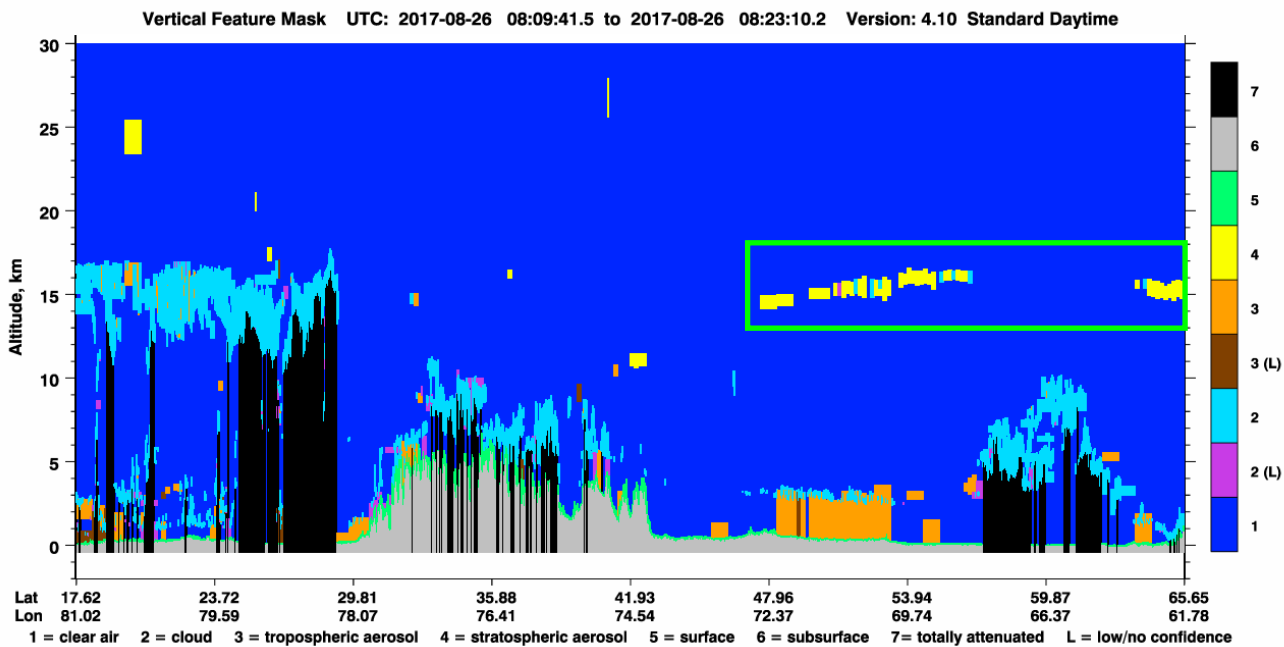
https://www-calipso.larc.nasa.gov/products/lidar/browse_images/show_detail.php?s=production&v=V4-10&browse_date=2017-08-26&orbit_time=07-42-46&page=3&granule_name=CAL_LID_L1-Standard-V4-10.2017-08-26T07-42-46ZD.hdf

Nighttime orbit track after lidar measurement in Tomsk:

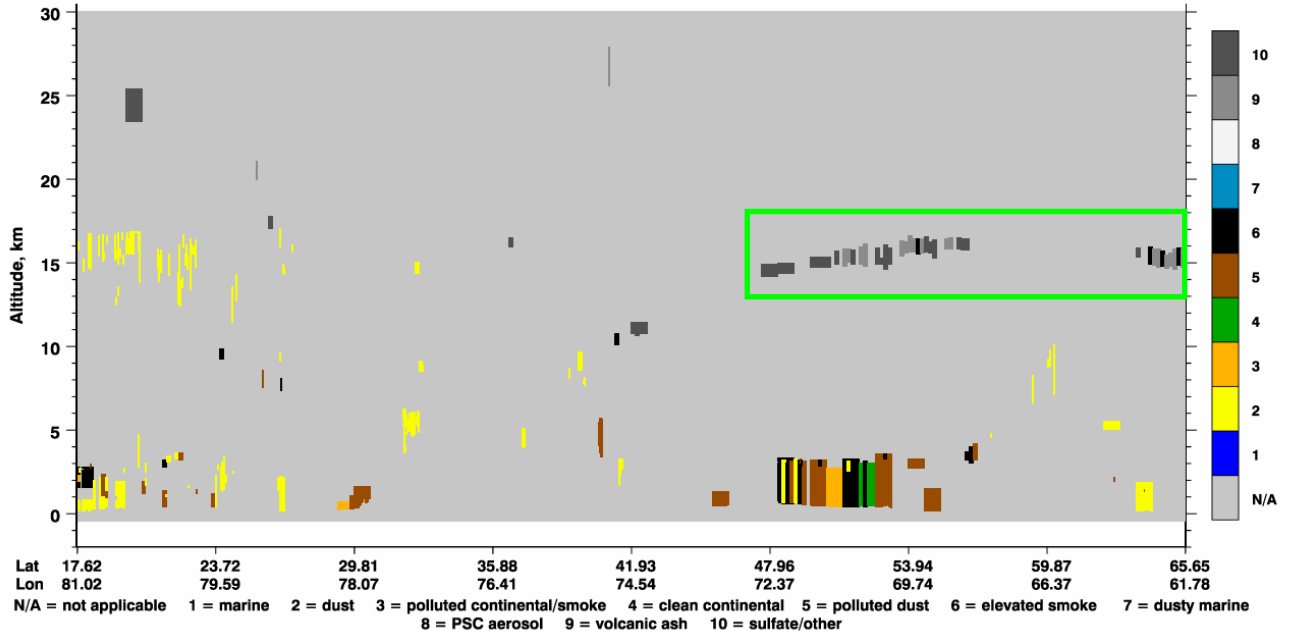
https://www-calipso.larc.nasa.gov/products/lidar/browse_images/show_detail.php?s=production&v=V4-10&browse_date=2017-08-26&orbit_time=20-07-18&page=1&granule_name=CAL_LID_L1-Standard-V4-10.2017-08-26T20-07-18ZN.hdf



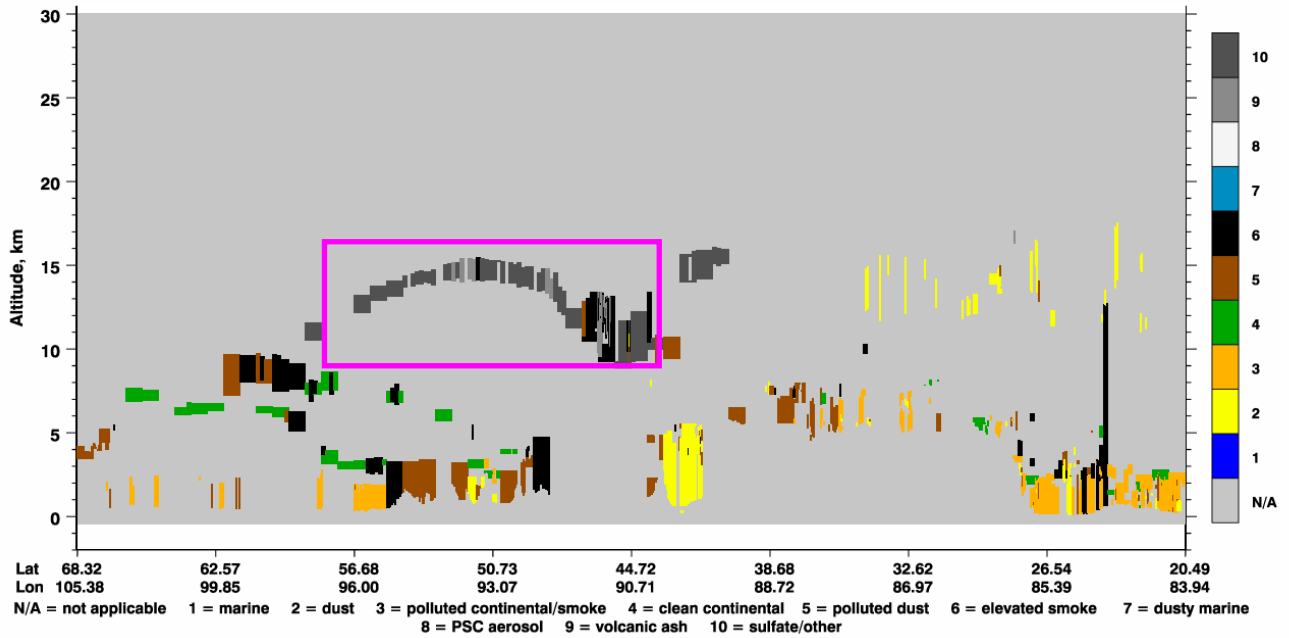




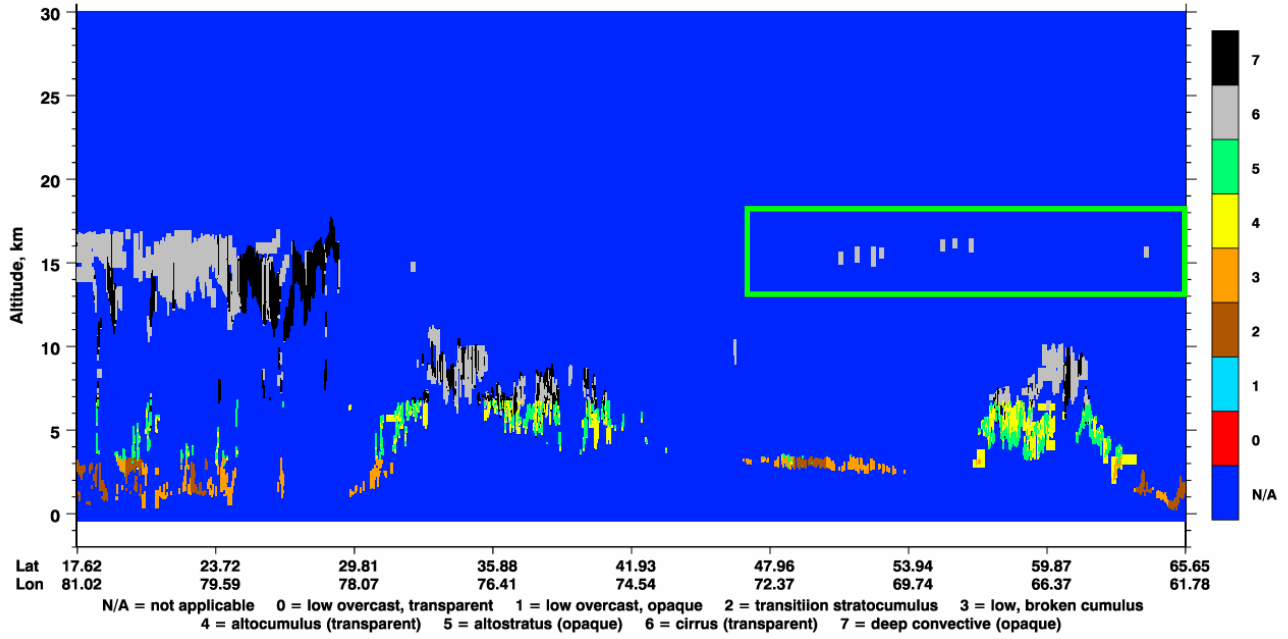
Aerosol Subtype UTC: 2017-08-26 08:09:41.5 to 2017-08-26 08:23:10.2 Version: 4.10 Standard Daytime



Aerosol Subtype UTC: 2017-08-26 20:07:15.5 to 2017-08-26 20:20:44.2 Version: 4.10 Standard Nighttime



Cloud Subtype UTC: 2017-08-26 08:09:41.5 to 2017-08-26 08:23:10.2 Version: 4.10 Standard Daytime



Cloud Subtype UTC: 2017-08-26 20:07:15.5 to 2017-08-26 20:20:44.2 Version: 4.10 Standard Nighttime

