

Ritesh Gautam's material for ACAM Training School

1. Lecture on Aerosol Remote Sensing
2. HDFview, WorldView
3. Opening AOD data file in HDFView, Matlab
4. Mapping AOD data in Matlab
5. Level 1, Level2, Level3 Aerosol Data
6. Giovanni Aerosol data

HDFView

<http://www.hdfgroup.org/products/java/release/download.html#download>

<http://www.hdfgroup.org/products/java/release/download.html>

Worldview

<https://earthdata.nasa.gov/labs/worldview/>

Dust Storm on April 27 (Terra and Aqua MODIS) over Arabian Sea, Middle East, Pakistan, India.

On the LADSWEB website- <https://ladsweb.nascom.nasa.gov/data/search.html>

Search for the spatial coordinates within N: 26.0, S: 22.0, E: 70.0, W: 60.0

CALIPSO data

Data download site- https://eosweb.larc.nasa.gov/project/calipso/lidar_11b_profile_table

Browse Imagery- http://www-calipso.larc.nasa.gov/products/lidar/browse_images/production/

GIOVANNI (online tool for aerosol data analysis from multiple satellites)-

<http://disc.sci.gsfc.nasa.gov/giovanni>

AEROSTAT- <http://disc.sci.gsfc.nasa.gov/aerosols/services/aerostat/aerostat.html>

<http://giovanni.gsfc.nasa.gov/aerostat/>