



Status of VIIRS MAIAC



VIIRS MAIAC Product

- Atmospheric: CM, AOD, aerosol type, Smoke Injection Height (750m), FMF (over water)
- Surface reflectance (375, 750m)
- BRDF (750m), 8 bands
- Gap-filled NDVI (750m), composite SR (375 m), snow grain size and fraction (750m)
- Daily 0.05 degree Climate Modeling Grid (CMG)

Status and Updates:

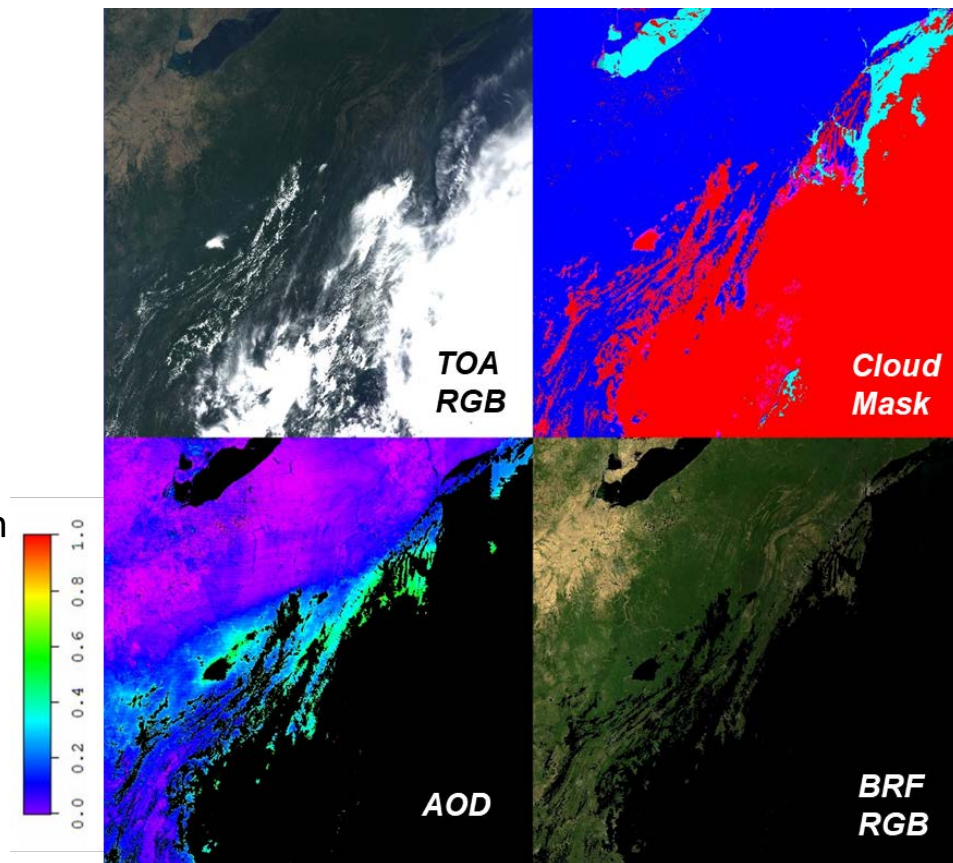
- Adapted from MODIS MAIAC C6.1 operational code.
- The input area-weighted gridding algorithm has been recently delivered (V. Kalb, R. Wolfe).
- Performance in tested tiles is identical to that of MODIS
- VIIRS code will be delivered in July 2020.

Known Issues:

- N/A

Recent Publications:

- N/A



Example of MAIAC processing of the VIIRS measurements over the East Coast USA for 17 May, 2012 illustrating MAIAC cloud mask (CM), aerosol optical depth (AOD) at 0.44 μ m, and RGB result of atmospheric correction.