

Version Number: F13_0023 (aerosol), F08_0023 (land)

Production Start Date: 11/1/2017

Product Updates:

This is a major revision to aerosol and land surface products, including both product format and algorithm changes. Both aerosol and land surface product format is changed from HDF-EOS2/HDF4 to NetCDF4/HDF5. Stacked-block file structure is replaced by a conventional 2-D map grid. Field names in both aerosol and land surface products have been completely revamped. See the [\[link : Aerosol Product DPS\]](#) and [\[link: Land Surface Product DPS\]](#) for a description of product content.

Many significant algorithm related changes have been made, which impact quality and performance of both aerosol and land surface retrievals. See the [\[link: Aerosol Data Quality Statement\]](#) and [\[link: Land Surface Quality Statement\]](#) for more information.

The entire mission will be reprocessed to this version.

Quality Transition:

- Stage 3 Validated:

Aerosol_Optical_Depth,
BHR, DHR, FPAR

- Stage 2 Validated:

Angstrom_Exponent_550_860nm,
Absorption_Aerosol_Optical_Depth,
Nonspherical_Aerosol_Optical_Depth,
Small_Mode_Aerosol_Optical_Depth,
Medium_Mode_Aerosol_Optical_Depth,
Large_Mode_Aerosol_Optical_Depth

- Stage 1 Validated:

LAI, NDVI, mRPV parameters (TBD)

