

Release of a first aerosol product in CM SAF

The CM SAF is happy to announce the release of its Climate Data Record of Aerosol Optical Depth (AOD) derived from the Spinning Enhance Visible and InfraRed Imager (SEVIRI) sensors onboard the Meteosat Second Generation (MSG) satellites. This record covers the period from 1 Feb 2004 to 31 Dec 2012 (Meteosat-8 and -9) and consists of daily and monthly means of AOD.

Along with the data and the uncertainty estimates, a comprehensive documentation including product user manual, algorithm descriptions, and validation report is provided. The data record can be ordered via the [Web User Interface](#). The documents and the data record can be accessed from the DOI landing page:

https://doi.org/10.5676/EUM_SAF_CM/MSG_AOD/V001.

New CM SAF products provided via EUMETCast and termination of currently provided products

In early 2018 CM SAF will discontinue the processing of the currently provided SEVIRI based Environmental data record (EDR) of fractional cloud cover (CFC) and surface incoming shortwave radiation (SIS).

They will be replaced by so-called Interim Climate Data Records (ICDRs), which are a continuation related to the respective Thematic Climate Data Records (TCDRs), helping to support climate monitoring applications. The CFC and SIS monthly mean products will be based on the same algorithm basis as the parameters in the corresponding TCDRs (CFC from [CLAAS-2](#) and SIS from [SARAH-2](#)). The grid will change to a regular 0.05°x0.05° latitude/longitude grid and the internal file structure (number of data layers, name of fields) is going to be different as well. The file format will remain netcdf-4 as before.

More information on the changes, and links to related documents describing the product can be found [here](#).

Test data are available at ftp://ftp-cmsaf.dwd.de/ICDR_SEVIRI/eumetcast/ and users are recommended to adapt their applications accordingly.

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