

# CM SAF Newsletter 14 November 2013

The EUMETSAT  
Network of  
Satellite Application  
Facilities



## Release of SEVIRI based climate data record

The first edition of the SEVIRI cloud property dataset has recently been generated and released by the EUMETSAT Satellite Application Facility on Climate Monitoring (CM SAF). The CLAAS dataset contains cloud properties at various processing levels from pixel-based data (approx. 4km spatial resolution) to daily and monthly averages ( $0.05^\circ \times 0.05^\circ$  latitude-longitude grid). In addition, spatially resolved monthly mean diurnal cycles ( $0.25^\circ \times 0.25^\circ$ ) and monthly histograms ( $0.05^\circ \times 0.05^\circ$ ) are available. Input to the retrieval schemes were inter-calibrated effective radiances of Meteosat-8 and 9, allowing the current version of the dataset to homogeneously span 8 years from 2004 to 2011. Along with the data, a comprehensive documentation of the algorithms used, the generation of the dataset as well as validation studies and user guidance are available, with a brief summary given in [Stengel et al. \(2013\)](#). With this dataset, small, regional and large scale cloud processes at temporal scales of hours to years can be studied. Subsequently to the derivation of the cloud properties, surface albedo (pentad and monthly means) and radiation budget products are inferred (daily and monthly means).

The data can be ordered via the [Web User Interface](#). Further information on the data set can be found via its DOI: [10.5676/EUM\\_SAF\\_CM/CLAAS/V001](https://doi.org/10.5676/EUM_SAF_CM/CLAAS/V001)

## Re-processing of SEVIRI-based SIS and SID EDR products for the time period March 2012 to April 2013

As described in the CM SAF Newsletter 11 (June 2013) the SEVIRI based SIS and SID EDR products have been affected by a bug in the software for products from 01 March 2012 to 30 April 2013. Following the request from several users CM SAF re-processed the affected SEVIRI-based products. The Meteosat-9 based products for the time period 01 March 2012 to 31 December 2012 are available via the Web User Interface with version number "335", the products based on Meteosat-10 data from January 2013 onwards are available with version number "340". We recommend our users who have ordered the products for the affected time period to replace the products with the re-processed data.

## CF standard of METEOSAT based FTH data record

In order to increase consistency with CF standards the meta data for the METEOSAT based FTH data record (CM-139) has been adapted slightly. The data itself has not been changed.

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