

# CM SAF Newsletter 17

## July 2014

The EUMETSAT  
Network of  
Satellite Application  
Facilities



### **Re-design of CM SAF Webpage**

We are pleased to announce, that the CM SAF webpage is available now in a new design under the known address [www.cmsaf.eu](http://www.cmsaf.eu). We will continue to improve our services and provide additional content taking into account any feedback you can give us. Please provide your feedback on the new web site using [CM SAF contact](#)

### **Decontamination of Meteosat-10 SEVIRI instrument from 14 - 21 January 2014 and effects on CM SAF EDR products TRS and TET**

From 14 January to 21 January 2014 EUMETSAT performed a decontamination of the SEVIRI instrument onboard Meteosat-10 (for further information please check the EUMETSAT [News page](#) ). During this time no Meteosat-10 SEVIRI data had been available. This results in the non-availability of the daily mean TRS and TET products for those 8 days. The users are warned that the monthly mean products, as well as the monthly mean diurnal cycle products, for January 2014 are based on a reduced number of days. This sampling problem is known to introduce significant random difference with respect to the true monthly means (1st to 31st January). A quantitative evaluation of this effect will be provided in the next validation report for the TOA radiation products.

### **Delay in availability of CM SAF ATOVS EDR products HTW, HLW and HSH**

Until February 2014 the CM SAF ATOVS EDR products HTW, HLW and HSH have been based on ATOVS data from the NOAA-16 and the Metop-A satellites. On 26 March 2014 the MHS instrument on Metop-A entered into a fault mode during preparations for an out-of-plane maneuver. The recovery of the sensor took until 21 May 2014 resulting in a gap in data availability of about two months. As MHS on Metop-A is mandatory for the generation of the CM SAF ATOVS EDR products the processing had to be stopped during the recovery procedure at EUMETSAT. Unfortunately, not long after the unavailability of Metop-A data, the NOAA-16 satellite stopped sending data. The last fully successful contact was on the morning of 6 June 2014. On June 9 2014 NOAA decommissioned NOAA-16 due to a major spacecraft anomaly.

During the time frame of the Metop-A failure the products will be based on Metop-B and NOAA-16 data. This requires an upgrade on the retrieval software and the validation of the results. After Metop-A became available again, it is planned to continue processing using both Metop satellites in combination with NOAA-16. With the decommissioning of NOAA-16 in June 2014, the ATOVS EDR product will be based on the ATOVS data from Metop-A and Metop-B only, meaning that the ATOVS EDR products will be based on data from the morning orbits only from June 2014 onwards.

We will inform our users as soon as the ATOVS EDR products become available again and give more details on the implemented changes. We apologize for any inconvenience caused by the delay in data availability.

## **Generation of a climate atlas using CM SAF data**

In spring this year a member of the Latvian Met Service, who had been on a graduate placement at EUMETSAT at that time, presented results of her project on the generation of a climate atlas using CM SAF data. As part of this project, a climate atlas for Europe and Latvia as well as a selection of tools to generate country specific climate atlases has been generated. It is planned to distribute the tools including documentation also through the CM SAF Web page.

Results from this project have been presented on the EUMETSAT Webpage ([EUMETSAT News](#), [Climate Atlas Demonstration](#)) and can be found on the webpage of the Latvian Environment, Geology and Meteorology Centre via the following [link](#).

## **Pre-Announcement 2015 CM SAF Training Workshop**

The 2015 CM SAF Training Workshop will take place from **8 to 12 June 2015** in **Pretoria, South Africa**, hosted by the South African Weather Service (SAWS). The focus of this workshop are applications of the CM SAF data sets and products in Africa. As in the previous CM SAF Training Workshops the main part of this workshop will be hands-on practical classes on user-driven applications involving CM SAF data. More information on this workshop will be available in due time.

In case you are interested in participating in this workshop, please send email to [cmsaf.training@dwd.de](mailto:cmsaf.training@dwd.de).

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