

This service summarizes current satellite mapping activities of interest to GDACS stakeholders. It is issued weekly and based on contributions from map-producing entities and GDACS partners.

Satellite mapping overview

As of 31 October 2017

Americas

Flooding Guatemala - UNOSAT Number: FL20171025GTM

In the north-western part of Guatemala raising water levels were observed along the Usumacinta River. In response, UNITAR-UNOSAT analysed the affected areas with Sentinel 1 imagery acquired on the 09 October 2017. About 4,600 ha of expanded waters were detected, being the municipality of Sayaxche the most affected one.

Source: UNITAR-UNOSAT

Link: <http://www.unitar.org/unosat/node/44/2710>

Europe

Forest Fire Portugal- Copernicus EMS number: EMSR250

A new grading analysis was released by Copernicus EMS in response to the deadly wildfires in Portugal. In the area of Neals nearly 182, 000 burnt hectares were observed affecting more than 61 000 people. The analysis was done by using SPOT6 imagery from 23 October 2017.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR250>

Floods Norway- Copernicus EMS number: EMSR251

Following the flooding event in southern Norway, Copernicus EMS continued the monitoring. In Arendal 240 flooded hectares were detected while in Kragero 80 ha; both analysis were done with Sentinel-1A imagery from 22 October 2017

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR251>

This service summarizes current satellite mapping activities of interest to GDACS stakeholders. It is issued weekly and based on contributions from map-producing entities and GDACS partners.

Wildfire Corsica- Copernicus EMS number: EMSR252

On October 22 2017, forest fires ravaged several hectares in the northern part of Corsica. In response, Copernicus EMS graded the damage and reported 1,500 burnt hectares. The analysis was performed by using SPOT 6/7 imagery from 27 October 2017.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR252>

Forest fire Italy- Copernicus EMS number: EMSR253

In the north-western part of Italy, several forest fires have affected the provinces of Torino and Cuneo. Copernicus EMS delineated the damage in the areas of Susa, Casteldelfino and Pietraporzio, and reported 2,451, 223 and 72 burnt hectares respectively. The analysis was performed with Pleiades 1A/B imagery from 29 and 30 October 2017.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR253>

This summary is compiled by the GDACS mapping & satellite imagery coordination mechanism, operated by the UNITAR Operational Satellite Applications Programme (UNOSAT).

When referring to this summary, please credit: GDACS, UNITAR-UNOSAT.

For comments, questions and to submit information on satellite image derived products, please contact: maps@gdacs.org

Sources indicate satellite analysis production entities and imagery providers. The products referenced in this summary are based on remote satellite imagery and may not be validated in the field prior to release, in which case findings are based only on what is observed in the satellite imagery.