

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 27 June 2017

Europe

Portugal Forest Fire – GLIDE number: WF-2017-000073-PRT

Following the last deadly fire events in the Leiria District in Portugal, COPERNICUS EMS has further monitored the damage in several central areas of the country. From 22 June 2017 (last GDACS report) until 24 June 2017, the affected areas were monitored with SPOT-7 images in: Lousa, Pampilhosa da Serra, Miranda do Corvo, Pedrogao Grande, Avelar, Madeira, Cernache do Bonjardim and Alvaiazere.

Moreover, the NASA Earth Observatory identified the heat signature, indicative of active burning, in central Portugal by means of a MODIS image on June 18, 2017. The NASA Earth Observatory also detected the night fire visible from space with a MODIS image acquired on June 19, 2017. According to the media, the fire has been put out; however, the local emergency services continue the monitoring for a possible new fire stroke.

Source: COPERNICUS EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR207/02GRADING/ALL>
<https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=90427&eocn=home&eoci=nh>

Spain Forest Fire –COPERNICUS EMS number: EMSR209

On 24 June 2017, an aggressive wild fire started in the southwest of Spain, strongly affecting the Huelva Province. The fire has reached the Doñana Nature Reserve, which is a major wildlife sanctuary and a UNESCO World Heritage. The COPERNICUS EMS will most likely publish further information about the damage in the areas of Chozas de la Poleosa, Los Cabezudos, Mazagon and Moguer in the following days.

Source: COPERNICUS EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR209/02GRADING/ALL>

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Asia

China Landslide – GLIDE number: LS-2017-000076-CHN

On June 24 2017, a landslide crashed down on the remote village of Xinmo, Maoxian County, Autonomous Prefecture of Aba, Sichuan Province, China, triggered by heavy rain. More than 100 people were buried by the rocks and debris in approximately 60 homes, however only 12 bodies have been recovered so far.

Source: Disaster Charter

Link: <https://www.disasterscharter.org/web/guest/activations/-/article/landslide-in-china-call-617->

Africa

South Africa Fire – GLIDE number: SS-2017-000072-ZA

Following the major wildfire that started on 6 June 2017 in the Western and Southern Cape provinces of South Africa, the CSIR-Meraka Institute published further related information. By means of two Landsat-8 satellite multi-spectral bands from 14/05/2017 (pre-fire) and 15/06/2017 (post-fire), they identified about 16 187 burnt hectares in the area of Knysna and Plettenberg Bay.

Source: CNES CSIR

Link: https://www.disasterscharter.org/image/journal/article.jpg?img_id=605073&t=1498547229608

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

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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.