

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 22 June 2017

Africa

South Africa fire – GLIDE number: SS-2017-000072-ZAF

Following the last week's events in the Western and Southern Cape provinces of South Africa where severe wildfires caused the death of at least seven people, the CSIR-Meraka Institute identified three affected zones with Sentinel-2 and SPOT-7 images from 13 and 14 June 2017. The three published maps highlighted the burn scar in the nearby areas of Thornhill, Knysana and Plettenberg Bay, reaching almost 30,000 ha of burnt area if added together.

Source: CNES CSIR

Link: <https://disasterscharter.org/web/guest/activations/-/article/fire-in-south-africa-call-615->

Europe

Portugal Wild fire – GLIDE number: WF-2017-000073-PRT

A deadly wildfire severely damaged the central part of Portugal starting in the District of Leiria on June 17. The combination of a lightning strike, dry woodland, strong winds and high temperatures caused the fire to spread quickly. So far, 64 people were reported dead and 62 injured. The emergency services of Portugal are making progress in containing the forest fire, however the danger risk hasn't been fully controlled yet. DG ECHO published the burnt area detected and the hotspots, together with the situation overview and the response capacity. Moreover, COPERNICUS Emergency Management Service issued several maps identifying and grading the fire damage with additional information on the transport network and the settlements. Using SPOT-6 images from the 19/06/2017 to the 21/06/2017, the assessed areas were: Miranda do Corvo, Orvalho, Pampilhosa da Serra, Lousa, Alvaiazere, Madeira, Cernache do Bonjardim, Pedrogao Grande and Avelar.

Source: DG ECHO and COPERNICUS Emergency Management Service

Link: http://reliefweb.int/sites/reliefweb.int/files/resources/20170619_ForestFires_Portugal.pdf

<http://emergency.copernicus.eu/mapping/list-of-components/EMSR207/02GRADING/ALL>

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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:

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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.