

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 20 March 2018

Oceania

Papua New Guinea earthquake – GLIDE number: EQ-2018-000020-PNG

Following the M 7.5 earthquake of the 25 February 2018 in the Southern Highlands, Papua New Guinea, Copernicus Emergency Management Service has been releasing grading and delineation maps in areas north-west of Lake Kutubu. Specifically for the areas of the Southern and Tagari Valleys landslides along the rivers have been detected.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR270>

New Caledonia Tropical Cyclone – Charter ID: 568

Tropical cyclone Hola formed as a tropical storm off the coast of Nadi Island, Fiji on the 3rd March 2018. On the 6th March 2018 it developed into a tropical cyclone and on the following day it was classified as a Category 4 cyclone. It passed close to New Caledonia and continued heading towards New Zealand. The International Space Charter for Major Disasters has been triggered by the Government of New Caledonia and two damage analyses have been released by the organization Blu Cham over the areas of Wakone, Ouvea and Mare Islands.

Source: International Charter: Space and Major Disasters

Link: <https://disasterscharter.org/web/guest/-/cyclone-in-new-caledonia-activation-568->

Europe

Albania floods – Copernicus number: EMSR273

Floods and landslides have hit Western Albania since the 14 February 2018, following heavy rains and melting snow. The most affected area is Shkoder County, having the Drin and Bojana rivers overflowed. Copernicus Emergency Management Service has been activated in response to this event, analysing Barbullush, Dajc, Gomsiqe, Grile and Scutari.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR273>

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Africa

Madagascar Tropical Cyclone - TC-2018-000023-MDG

Tropical storm Eliakim made landfall on the northeastern coasts of Madagascar on the 16 March 2018 causing around 20 casualties and affecting more than 19,000 people. Copernicus Emergency Management Service has been activated and is delivering satellite-based flood and mudslide analyses over the affected areas.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR274>

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.