

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 05 March 2018

Oceania

Tonga Tropical cyclone – UNOSAT number: TC20180209TON

Following the passage of the tropical cyclone GITA-18 as of the 12 February 2018 on Tonga, UNITAR-UNOSAT has closed the activation with the International Space Charter for Major Disaster, and has released a comprehensive damage assessment analysis of Tongatapu Island combining the analyses produced by Copernicus EMS and those of UNITAR-UNOSAT.

Source: UNITAR-UNOSAT

Link: <http://www.unitar.org/unosat/maps>

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

On the 25 February 2018 at 17:44 UTC time, an M 7.5 earthquake struck Papua New Guinea. The epicentre was near the Southern Highlands, ~30 km from the city of Tari, Hela Province, and the tremors were felt across the surrounding region, causing the loss of at least 16 lives. Media reports mention a number of destroyed villages and landslides obstructing roads. In response to this crisis, Copernicus Emergency Management Service has been activated and is providing satellite mapping analyses in the areas of Komo, Tari, Mendi, Laite, Otoma and Piangwanda.

Source: Copernicus EMS

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

Europe

Greece floods – Copernicus number: EMSR271

Following prolonged severe weather conditions, all the tributaries of Pinios River have overflowed since the 24 February 2018. Copernicus Emergency Management Service has been activated and has been, since then, releasing flood extraction analyses. The latest product is a flood extent overview of Thessaly as of 1st March 2018, where 2173 inhabitants have been affected and 8210 ha of land have been inundated.

Source: Copernicus EMS

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Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR271>

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.