

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 18 June 2018

Americas

Guatemala volcanic eruption – GLIDE number: VO-2018-000066-GTM

On 3 June 2018, Volcan de Fuego, located in Southern Guatemala, experienced a strong eruption, inducing pyroclastic flow along with ash and small rocks emissions. Another eruption occurred on 5 June 2018 while SAR operations were ongoing. El Rodeo and San Miguel Los Lotes were the most affected towns. UNITAR-UNOSAT has released an analysis of bridges' conditions on the main road of the affected area. Copernicus EMS has produced delineation maps and grading maps, mainly focused on El Rodeo, San Miguel Los Lotes, La Reunion and Alotenango.

Source: UNITAR-UNOSAT & Copernicus EMS

Links:

<http://unitar.org/unosat/maps/GTM>

<http://emergency.copernicus.eu/mapping/list-of-components/EMSR289>

Africa

Democratic Republic of Congo Ebola outbreak – GLIDE number: EP-2018-000049-COD

A new outbreak of Ebola Virus Disease (EVD) was declared by the Government of the Democratic Republic of Congo on 8 May 2018. The epicentre is the Bikoro District in the Equateur Province, western DRC. The efforts for monitoring the situation are ongoing and, as of 14 June 2018, a total of 66 Ebola virus disease cases (counting confirmed, probable and suspected) were reported in Bikoro and Mbandaka.

Source: ReliefWeb

Links: <https://reliefweb.int/map/democratic-republic-congo/democratic-republic-congo-drc-ebola-virus-disease-crisis-0>

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Asia

Bangladesh floods – UNOSAT number: FL20180518BGD

The first heavy rains of the year swept through Rohingya refugee settlements in Cox’s Bazar district, Chittagong Division, Bangladesh, on 9 June 2018, marking the start of the monsoon season. As of 10 June the rain has become nearly continuous, causing damages and displacements. UNITAR-UNOSAT has released an analysis of satellite detected water extent over Teknaf Upazila, in Cox’s Bazar District, comparing satellite imagery acquired on 22 May 2018 and on 13 June 2018.

Source: UNITAR-UNOSAT & ReliefWeb

Links:

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

<https://reliefweb.int/map/bangladesh/bangladeshrohingya-crisis-floods-and-landslides-dg-echo-daily-map-12062018>

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.