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 25 June 2018

Asia

Bangladesh flood – UNOSAT number: FL20180619BGD & FL20180518BGD

As incessant rainfall has triggered flooding situations in the north-eastern part of Bangladesh on 14 June 2018, UNITAR-UNOSAT has released a spatial analysis of the satellite-detected flood water extent over Syhlet Division. Since the monsoons season is affecting also the Myanmar nationals refugee camps located in Cox's Bazar District, UNITAR-UNOSAT has released a spatial analysis of the evolution of satellite detected waters and related wet conditions in the refugee camps in Ukhia Upazila, Cox's Bazar District, Chittagong Division.

Source: UNITAR-UNOSAT

Link: http://www.unitar.org/unosat/maps/BGD

Japan earthquake – GLIDE number: EQ-2018-000073-JPN

A strong earthquake shook Osaka, the second-biggest metropolis in Japan, early on 18 June 2018. The earthquake, which was classified as magnitude of 5.9 by the Japan Meteorology Agency, caused 5 deaths, important damages to roads, buildings and water pipes and disruptions of transports and services.

Source: ReliefWeb

Link: https://reliefweb.int/map/japan/japan-earthquake-emergency-response-coordination-centre-ercc-dg-echo-daily-map-19062018

Americas

U.S. Texas flood

On 20 June 2018, flash flood warnings were issued for several areas of coastal southern Texas, struck by torrential rains. Local governments made declarations of "state of disaster". The low-pressure system bringing heavy rains travelled from northwestern Carribean and continued toward the southern Gulf of Mexico. NASA Earth Observatory released a map of the rainfall accumulation over South-East Texas from 18 to 21 June 2018.

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Source: NASA Earth Observatory

Link: https://earthobservatory.nasa.gov/NaturalHazards/view.php?id=92329

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.