

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 04 September 2018

Asia

Lao PDR – GLIDE number: FL20180826LAO

On 26 August 2018, there was flooding in Lao PDR, UNOSAT has released a preliminary analysis of Vientiane Capital City and Nam Ngum Dam, LAO PDR, using radar satellite data acquired on 22 and 26 August 2018. No major floods were observed in the power reservoir basin area north of Vientiane capital city.

Source: UNOSAT

Link: http://www.unitar.org/unosat/node/44/2841?utm_source=unosat-unitar&utm_medium=rss&utm_campaign=maps

Vietnam – GLIDE number: FL20180830VNM

On 28 August 2018, flash floods and landslides triggered by heavy rain in Vietnam's northern and central regions over the past few days have left 13 people dead and three missing. The floods and landslides also destroyed 364 houses, damaged over 6,523 hectares of rice and other crops, destroyed 512 cattle. UNOSAT released a map illustrating an increase of surface waters mainly in agricultural and paddy fields areas.

Source: UNOSAT

Link: http://www.unitar.org/unosat/node/44/2840?utm_source=unosat-unitar&utm_medium=rss&utm_campaign=maps

India – GLIDE number: FL2018000134IND

On the third week of August 2018, the state of Kerala in India witnessed the worst floods in almost a century. The state received 41% above normal rainfall, which triggered flash flooding and landslides. As of 20 August 2018, the number of confirmed deaths was 324 with over 314,000 people moved to relief camps. The International Charter Space and Major Disasters has been triggered by the Indian Space Research Organization (ISRO). The National Remote Sensing Centre (NRSC) of ISRO has been updating and releasing maps of spatial analysis of flood areas over Kerala.

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Sources: International Charter Space and Major Disasters, NRSC of ISRO

Links:

<https://disasterscharter.org/web/guest/activations/-/article/flood-in-india-activation-582->

<https://nrsc.gov.in/>

<https://reliefweb.int/map/india/india-flood-inundated-areas-part-kerala-state-27-august-2018-0600-hrs-0Europe>

Europe

Germany forest fire – Copernicus ID: EMSR307

Since 23 of August, a forest fire has been burning in Brandenburg between the towns of Treuenbrietzen and of Jüterborg, spreading quickly overnight to engulf 400 hectares. Authorities advised residents of Berlin, Potsdam and neighbouring administrative districts to keep windows and doors shut due to smoke. More than 500 residents were evacuated to emergency shelters on 24 of August as the flames threatened to engulf three villages.

Source: Copernicus

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR307>

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: 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.