

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 August 2018

Asia

India flood – GLIDE number: FL-2018-000134-IND

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 released spatial analysis of flood areas over Kerala State.

Sources: International Charter Space and Major Disasters & National Remote Sensing Centre of ISRO

Links:

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

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

Vietnam flood

On 17 August 2018, Typhoon Bebinca made landfall in Vietnam, causing flash floods and landslides. Homes were flooded and some villages became unreachable. The International Charter Space and Major Disasters was triggered by the United Nations Office for Outer Space Affairs (UNOOSA) on behalf of the Vietnam Disaster Management Authority. The International Water Management Institute (IWMI) has released spatial analysis of flood areas in the Northern provinces, Thanh Hoa province and Nghe An province.

Source: International Charter Space and Major Disasters

Link: <https://disasterscharter.org/web/guest/activations/-/article/flood-in-viet-nam-activation-583->

Americas

Venezuela flood

Heavy rains swept through the Venezuelan provinces of Amazonas, Apure, Bolivar and Anzoategui, affecting over 10,000 people. Dozens of people have been reported to be injured and major arterial

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roads have been closed. The International Charter Space and Major Disasters was triggered by the Venezuelan civil protection agency (Directora de Gestión del Riesgo Dirección Nacional de Protección Civil y Administración de Desastres).

Source: International Charter Space and Major Disasters

Link: <https://disasterscharter.org/web/guest/activations/-/article/flood-in-venezuela-bolivarian-republic-of-activation-581->

Europe

Greece wildfire – Copernicus number: EMSR306

On 12 August 2018 a forest fire broke out on the Greek island of Evia, near Athens. The residents of two villages on the island, Kondodespoti and Stavros, were preventively evacuated. Copernicus has released delineation maps over the affected area.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR306>

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.