

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 28 August 2018

Asia

India landslide – Disaster Charter Activation ID: 584

Since 14 August 2018, due to heavy rainfall, there has been severe flooding and landslides in the district of Karnataka in India. Somawarpet, Sunkoppa, Mukkodlu, Madapur, Harangi and Siddapur are the worst affected areas and the discharge of water from Mettur dam and other dams has caused multiple villages and cultivation fields to be flooded along the banks of Cauvery and its tributary, Bhavani. As of 16 August 2018, casualties were 6 and almost 14,000 people were displaced to safe 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 a damage assessment of the affected area.

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

Links:

<https://disasterscharter.org/web/guest/activations/-/article/landslide-in-india-activation-584->

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

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 and the Dartmouth Flood Observatory (DFO) have released spatial analysis of flood areas over Kerala.

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

Links:

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

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

<http://floodobservatory.colorado.edu/Events/4663/2018India4663.html>

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.

Iran earthquake – GLIDE number: EQ-2018-000139-IRN

On 26 August 2018, a magnitude 6.0 earthquake in the western Iranian province of Kermanshah has killed at least two people and injured more than 300. The epicentre of the quake was 9.6 kilometres from Tazehabad and 30 kilometres from Javanrud. Both cities are close to the Iran-Iraq border.

Source: ReliefWeb

Links:

<https://reliefweb.int/map/iran-islamic-republic/earthquake-iran-islamic-republic-shake-map-2018-08-26>

<https://reliefweb.int/map/iran-islamic-republic/earthquake-kermanshah-iran-islamic-republic-31km-wsw-javanrud-magnitude-61>

South Korea tropical cyclone – GLIDE number: TC-2018-000138-PRK

The tropical cyclone Soulik-18 made landfall on 23 August 2018 in the Korean Peninsula. One person has been reported missing and several others injured. While destruction was limited, some buildings sustained damages and localized power outages occurred in the south. Seoul and its surroundings were not directly affected by the storm. The tropical cyclone exited South Korea on Friday, August 24.

Source: ReliefWeb

Links:

<https://reliefweb.int/map/republic-korea/tropical-storm-soulik-estimated-impacts-warning-34-23-august-2018-2100-utc>

<https://reliefweb.int/map/republic-korea/tropical-cyclone-soulik-warning-n32-23-august-2018>

<https://reliefweb.int/map/democratic-peoples-republic-korea/tropical-cyclone-soulik-warning-n28-22-august-2018>

<https://reliefweb.int/map/democratic-peoples-republic-korea/typhoon-soulik-estimated-impacts-warning-30-22-august-2018>

Americas

Venezuela flood – Disaster Charter Activation ID: 581

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 roads have been closed. The International Charter Space and Major Disasters was triggered by the

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.

Venezuelan civil protection agency (Directora de Gestión del Riesgo Dirección Nacional de Protección Civil y Administración de Desastres). The Venezuelan space agency (Agencia Bolivariana para Actividades Espaciales called ABAE) has released spatial analysis of flooding over affected areas.

Sources: International Charter Space and Major Disasters and Agencia Bolivariana para Actividades Espaciales

Links:

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

<http://www.abae.gob.ve/web/noticias.php?id=327>

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.