

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 01 July 2019

Asia

Flood in Russia – International Charter Activation ID : 611

Heavy rain and overflowing rivers and lakes had caused severe flooding in the Irkutsk Oblast region in the Siberian Federal District of Russia. Hundreds of homes had been affected, and over 2,000 people have been evacuated. The water levels of some rivers quickly rose over more than two meters. The Flood had left over a dozen dead and over a dozen missing, according to the Russian emergency services.

International Charter published the flood and damage assessment maps during 28 June – 2 July 2019 produced by Research Center for Earth Operative Monitoring (NTs OMZ) JSC “Russian Space System” using TerraSAR-X image acquired on 28 and 30 June 2019, Pleiades image acquired on 28 June 2019, CBERS image acquired on 29 June 2019, Kanopus-V image acquired on 30 June 2019 and Resurs-P image acquired on 27 June and 2 July 2019.

Source: The International Charter Space and Major Disasters

Link : <https://disasterscharter.org/web/guest/activations/-/article/flood-large-in-russian-federation-activation-611->

Europe

Fire in Torre de l'Espanyol, Spain - Copernicus EMS Number: EMSR365

The wildfire started Wednesday 26 June 2019 in Torre de L'Espanyol, a municipality in the Catalan province of Tarragona, when manure spontaneously combusted on a farm. The fire had led to evacuation of 53 residents and cut off five roads. On Thursday the authority estimated the fire had blazed through 12,355 acres of land.

The Copernicus EMS Rapid Mapping had continuously released the grading map product during 27 - 30 June 2019 using Sentinel-3 satellite image acquired on 27 June 2019 and SPOT 6/7 satellite images acquired on 28 – 30 June 2019. The map showed total burnt area about 5,046.5 ha as of 30 June 2019.

Source: COPERNICUS Emergency Management Service

Link : <https://emergency.copernicus.eu/mapping/list-of-components/EMSR365>