

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 September 2018

North America

United States of America – Space Charter Activation ID: 585

Hurricane Florence is a category four hurricane and made landfall on September 15 in the United States of America. The space charter was activated by the US Geological Survey on behalf of US Federal Emergency Management Agency (FEMA). Copernicus had released maps showing the flooded areas and has continued to produce situation awareness maps.

Source: The International Charter Space and Major Disasters and Copernicus

Link: <https://disasterscharter.org/web/guest/activations/-/article/cyclone-in-united-states-activation-585->

<http://emergency.copernicus.eu/mapping/list-of-components/EMSR311>

Asia

Philippines – GLIDE number: TC-2018-000149-PHL, GDACS ID: 1000498

Typhoon Mangkhut hit the northern coast of Luzon in the Philippines on 15 September, bringing winds of up to 180mph making it one of the strongest storms in decades. The rainfall also triggered a number of landslides across the region, in particular the mining town of Itogon. The space charter was activated by UNITAR – UNOSAT on behalf of UNOCHA ROAP. Copernicus released damage assessment and landslide assessment maps.

Source: Copernicus

Link: <https://disasterscharter.org/web/guest/activations/-/article/cyclone-in-philippines-activation-586->

<http://emergency.copernicus.eu/mapping/list-of-components/EMSR312>

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Africa

Nigeria – Copernicus ID: EMSR314

Since late August, heavy rains across Nigeria have caused large-scale flooding that has already impacted around 400,000 people. Torrential rains have unleashed floods in different parts of Nigeria over the past few days, many damages and victims have been reported. As water levels have continued to rise in Rivers and Bayelsa states, some communities have been submerged in water.

Source: Copernicus

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR314>

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.