

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 17 June 2019

Asia

Cyclone Vayu Approaches Western Coast of India

On 10 June 2019, Tropical Cyclone Vayu was formed and developed into a hurricane-strength tropical cyclone on 12 June 2019 in the Arabian Sea. It moved toward the western coast of India with sustained winds of 170 kilometers per hour. It was the strongest tropical cyclone to affect the Saurashtra Peninsula of northwestern India in 21 years.

NASA Earth Observatory has released the Suomi NPP satellite image acquire on 13 June 2019 showed the Tropical Cyclone Vayu off the coast of Gujarat state.

Source: NASA Earth Observatory

Link : <https://earthobservatory.nasa.gov/images/145175/cyclone-vayu-approaches-western-coast-of-india>

Europe

Forest Fire in Brandenburg, Germany – Copernicus EMS Number: EMSR363

On 3 June 2019, a large blaze broke out in Brandenburg, Germany near the town of Treuenbrietzen, approximately 65 km south-west of Berlin, and spread to a former military range, where the presence of undetonated munitions was reported. Strong winds and the presence of these munitions greatly complicated the firefighting efforts during the night to monitor the fires.

The Copernicus EMS Rapid Mapping module was activated on 4 June 2019 to provide the assessment product over affected area. The Delineation product was continuously produced during 4 – 9 June 2019 using optical satellite imageries from RapidEye acquired on 4 June 2019, SPOT 6/7 acquired on 5 June 2019 and Pleiades-1A/B acquired on 6 and 9 June 2019. It showed the total burnt area about 655.9 ha (6.56 km²) as of the 9 June 2019.

Source: COPERNICUS Emergency Management Service

Link : <https://emergency.copernicus.eu/mapping/list-of-components/EMSR363>