





EMSR778 - AOI05
Storm in Honduras
SAN PEDRO SULA

Situation as of 16/11/2024 23:58 UTC
First Estimate Product - Overview map 01





Flooded Area
3,365.8 ha

Crisis Information

- Flooded Area

General Information

- Area of Interest
- Image Footprint
 - Not Analysed

Placenames

- Placename

Hydrography

- Lake, River

Transportation

- Highway
- Main road
- Local road
- Track
- Railway
- Airfield runway
 - Airfield
 - Helipad
- Harbour

Event: On the 16 November 2024 at 23:30 Tropical Storm Sara hit Honduras. Specifically, floods and mass movements have been reported to affect the country. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation emergency mapping.

Data sources and analysis:
Pre-event image: Sentinel-2A/B (2024) (acquired on 21/03/2024 at 16:08 UTC, resolution 10.0 m). This image is used as background image.
Post-event image: Sentinel-1A/B (2024) (acquired on 16/11/2024 at 23:58 UTC, resolution 15.0 m).
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2024) Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

Disclaimer: Full disclaimer and other helpful information available in the online manual:
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>.

Map produced by e-GEOS released by e-GEOS on the 18/11/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR778>

