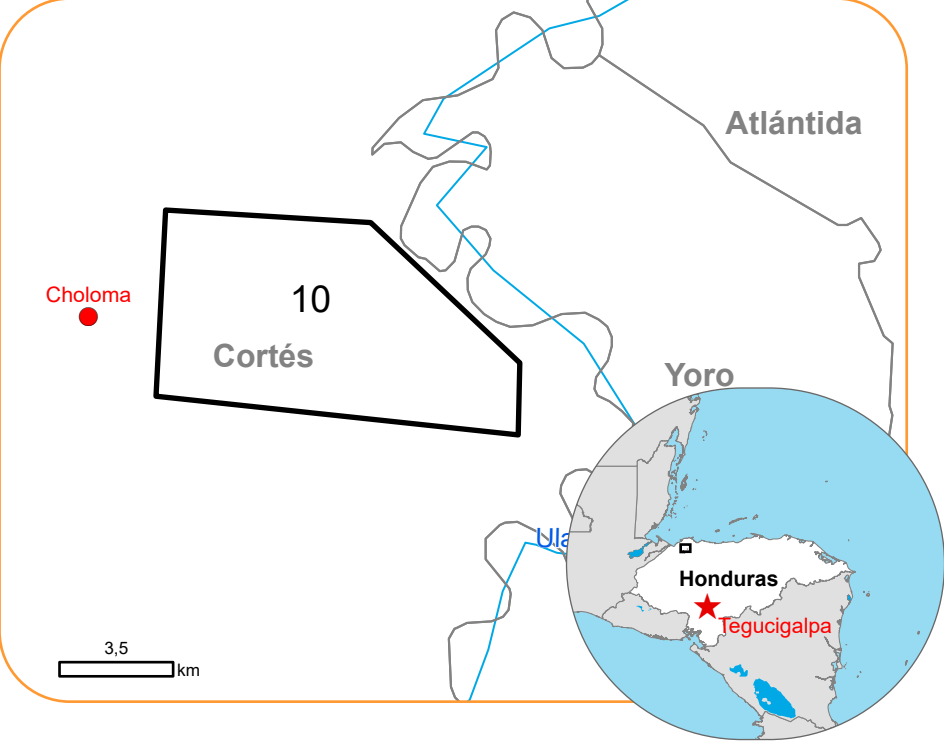


Situation as of 22/11/2024 11:37 UTC
Delineation - Overview map 01



Flooded area 739.6 ha Potentially affected population ~ 40

Potentially Affected Built-up and Transportations

Built-Up 0.7 ha Road 0.6 km

Estimated flood depth (m)
 Below 0.50
 0.50 - 1.00
 1.00 - 2.00
General Information
 Area of Interest
Administrative Boundaries
 Region
 Province
Built-Up Area
 Residential
Hydrography
 Lake, River
Transportation
 Local road
 Track
 Railway

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: ESRI World Imagery © DigitalGlobe (acquired on 23/02/2023, resolution 1.0 m). This image is used as background image. Post-event image: COSMO-SkyMed © ASI (2024), distributed by e-GEOS S.p.A. (acquired on 22/11/2024 at 11:37 UTC, resolution 5.0 m).

All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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.

The flood depth information is based on the analysis of post-event satellite imagery and on Digital Elevation Model data. The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water.

Map produced by e-GEOS released by SERTIT on the 23/11/2024.

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

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flooded area		ha		739,6
Estimated population	Number of inhabitants		~ 40	~ 4.300
Built-up	Residential Buildings	ha	0,7	236,5
	Unclassified	ha	0,01	14,0
Transportation	Local Road	km	0,2	38,5
	Cart Track	km	0,4	14,7
	Long-distance railways	km	0	1,5
Land use	Heterogeneous agricultural areas	ha	685,0	5.438,7
	Inland wetlands	ha	33,5	107,7
	Shrub and/or herbaceous vegetation association	ha	16,9	90,2
	Forests	ha	4,3	64,2
	Other	ha	0	30,8

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

© European Union / Copernicus Emergency Management Service

Data Access:

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, are available in the Crisis Information Package and the Base Layer Package (for reference data).

The table above is available in editable format in the Crisis Information Package.

All products and data are also available for download on the portal.

Access to the portal



Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset.

Additional population datasets and analysis are available in the summary table.

Data Sources:

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.

Digital Elevation Model: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30 Digital Elevation Model (DEM) (Airbus,2020).



PROGRAMME OF THE
EUROPEAN UNION

