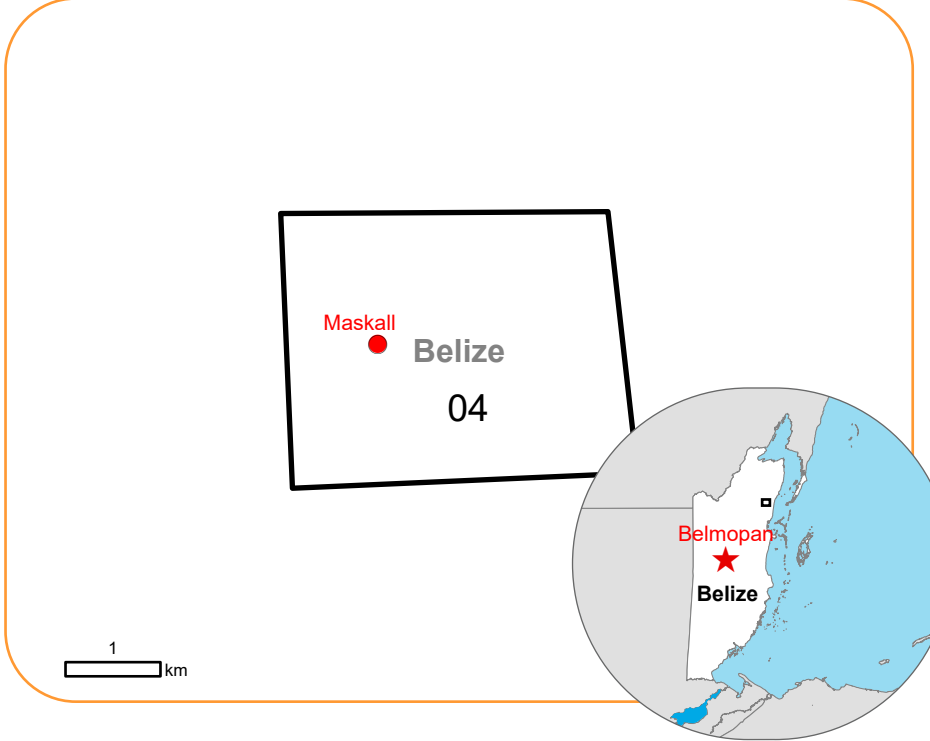


Situation as of 20/11/2024 16:47 UTC
Delineation - Overview map 01



 Flooded area 23.8 ha
Flood trace 6.1 ha


 Potentially affected population ~ 20

Potentially Affected Built-up and Transportations


 Road 0.3 km

 Built-Up 2 No.


Estimated flood depth (m)


 Below 0.50

Crisis Information


 Flood trace

General Information


 Area of Interest


 Not Analysed


Placenames

 Placename


Built-Up Area

 Residential

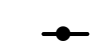
 Non residential


 Unclassified


Hydrography

 Lake, River


Facilities


 Long-distance pipelines or lines


 Mining or extraction site

 Dump Site

Transportation

 Main road

 Local road

 Track

Event: On the 15 November 2024 at 03:00 UTC, Tropical Storm Sara scraped along northern Honduras' Caribbean coast, dumping torrential rains across parts of Central. Sara hit land about 105 miles west-northwest of Cabo Gracias a Dios on the Honduras-Nicaragua border, that is near Brus Laguna, a village of about 13,000 inhabitants. There are a few other population centers nearby. The storm is expected to remain roughly on that path before heading out to sea again and threatening the coast of Belize. Copernicus EMS Rapid Mapping is requested to provide delineation and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: Pléiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 30/01/2022 at 16:37 UTC, resolution 0.5 m).
Post-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 20/11/2024 at 16:47 UTC, resolution 0.5 m).

This image is used as background image.

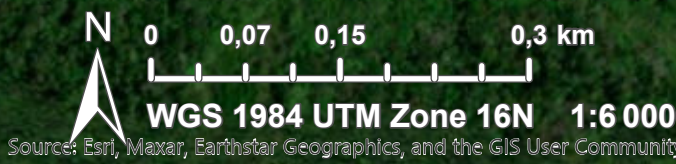
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach OR by means of visual interpretation.

This analysis has been supplemented by the social media.

Map produced by CLS released by e-GEOS on the 21/11/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR777>



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flood trace		ha		6,1
Flooded area		ha		23,8
Estimated population	Number of inhabitants		~ 20	~ 1 300
Built-up	Residential Buildings	No.	0	130
	Other non-residential buildings	No.	0	2
	Unclassified	No.	2	279
Transportation	Secondary Road	km	0,03	3,3
	Local Road	km	0,1	7,1
	Cart Track	km	0,2	11,0
Facilities	Constructions for mining or extraction	ha	0,2	1,7
	Other civil engineering works not elsewhere classified	ha	0,1	0,1
	Long-distance pipelines, communication and electricity lines	km	0,6	4,5
Land use	Forests	ha	17,4	774,4
	Heterogeneous agricultural areas	ha	10,8	178,2
	Shrub and/or herbaceous vegetation association	ha	1,7	21,9
	Other	ha	0	26,5
	Inland wetlands	ha	0	2,3

Disclaimer:

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

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

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Data Access:

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), 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, 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).



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