



EMSR847 - AOI37
Storm in Jamaica
POND SIDE

Situation as of 27/11/2025 16:00 UTC
Grading MONIT01 - Overview map 01





Flooded area
23.0 ha



Potentially affected
population
~ 20


Affected Built-up and Transportations




Built-Up
193 No.




Road
1.1 km




Flooded Area




Destroyed




Damaged




Possibly damaged



Road, Possibly damaged




Local road, No visible
damage




Track, No visible damage


General Information



Area of Interest




Detail map



Not Analysed

Placenames



Placename

Event: On 25 October 2025 at 20:00, Tropical Storm Melissa is forecast to affect Jamaica and the southern peninsula of Haiti. The event is expected to cause damage to housing, infrastructure, and transport networks due to heavy rainfall, strong winds, flooding, and landslides. Hurricane conditions are forecast for Jamaica during the weekend and subsequently for the southern peninsula of Haiti and Cuba. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.


Data sources and analysis: Pre-event image: Legion © Vantor (2024), (acquired on 27/12/2024 at 15:50 UTC, resolution 0.30 m).
Post-event image: Legion © Vantor (2025), (acquired on 27/11/2025 at 16:00 UTC, resolution 0.4 m).
This image is used as background image

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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by GMV released by e-GEOS on the 28/11/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR847>



PROGRAMME OF THE
EUROPEAN UNION



Copernicus
Europe's eyes on Earth

N

0 0.15 0.3 0.6 km

WGS 1984 UTM Zone 17N 1:10,000





EMSR847 - AOI37

Storm in Jamaica

PONDSIDE

Situation as of 27/11/2025 16:00 UTC

Grading MONIT01 - Detail map 02



Built Up Grading

- Damaged
- Possibly damaged

Track, No visible damage

Not Analysed

Transportation Grading

- Local road, No visible damage

Placenames

- Placename

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Consequences within the AOI

				LATEST IMPACT	
			Unit of measurement	EO-based observation*	
Crisis information	Flooded area		ha		23.0
	Maximum of all extents**		ha		23.0

				Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Estimated population		Inhabitants	No.				~ 20	~ 1,200
Assets	Built-up	Unclassified	No.	4	43	146	193	776
	Transportation	Local Road	km	0	0	1.1	1.1	15.9
		Cart Track	km	0	0	0	0	5.1
	Facilities	Sport and recreation constructions	ha	0	0	0	0	0.6
		Long-distance pipelines, communication and electricity lines	km	0	0	0	0	5.1
	Land use	Forests	ha				23.0	1,068.5
		Shrub and/or herbaceous vegetation association	ha				0	6.7
		Other	ha				0	2.3

* Corresponds to the water surface observed in the most recent satellite imagery, excluding permanent water.
** Corresponds to the geographic union (and NOT the sum) of all Crisis Information layers.
*** It is intersected with the population and asset datasets to estimate the impacts.
**** Sum of all damage classes

Disclaimer:

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

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 (2025); Wikimapia.org; GeoNames 2015;
Global Administrative Areas (2022), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

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

Access to the portal

