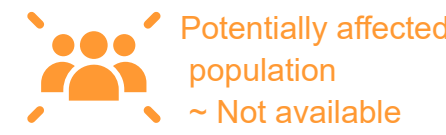
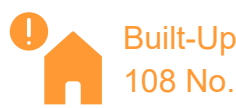




**Situation as of 14/11/2025 15:52 UTC**  
Grading - Overview map 01



Affected Built-up



Built-Up  
108 No.

**Built Up Grading**

- Destroyed
- Damaged
- Possibly damaged

**Transportation Grading**

- Main road, No visible damage
- 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: WorldView-2 © Vantor (2025), provided by European Space Imaging (acquired on 04/03/2024 at 15:48 UTC, resolution 0,4 m).  
Post-event image: Pléiades-1A/B © CNES (2025), distributed by Airbus DS (acquired on 14/11/2025 at 15:52 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 by means of visual interpretation

Map produced by ITHACA released by SERTIT on the 15/11/2025.

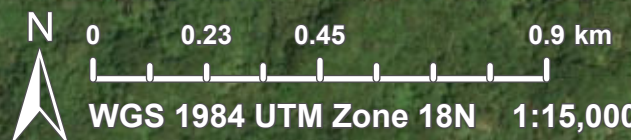
Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR847>



PROGRAMME OF THE  
EUROPEAN UNION



Copernicus  
Europe's eyes on Earth







EMSR847 - AOI34  
Storm in Jamaica  
PORT ANTONIO

Situation as of 14/11/2025 15:52 UTC  
Grading - Detail map 02



**Built Up Grading**

- Destroyed
- Damaged
- Possibly damaged

**Transportation Grading**

- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage

**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.

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





Situation as of 14/11/2025 15:52 UTC  
Grading - Detail map 03



- Built Up Grading**
- Destroyed
  - Damaged
  - Possibly damaged
- Transportation Grading**
- Main road, No visible damage
  - Local road, No visible damage
- General Information**
- Area of Interest
- 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.

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## Consequences within the AOI

			Unit of measurement	LATEST IMPACT
				EO-based observation
Crisis information	NA			NA

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Assets		Built-up					NA	~ 22,000
		Residential Buildings	No.	3	12	88	103	6,125
		Institutional	No.	0	0	0	0	6
		Police station	No.	0	0	0	0	3
		Fire station	No.	0	0	0	0	1
		Wholesale and retail trade buildings	No.	0	0	0	0	71
		Museums and libraries	No.	0	0	0	0	1
		School, university and research buildings	No.	0	0	0	0	36
		Hospital or institutional care buildings	No.	0	0	0	0	1
		Other non-residential buildings	No.	2	3	0	5	5
		Buildings used as places of worship and for religious activities	No.	0	0	0	0	1
		Hotel buildings	No.	0	0	0	0	4
	Transportation	Primary Road	km	0	0	0	0	15.3
		Local Road	km	0	0	0	0	68.6
		Cart Track	km	0	0	0	0	5.2
	Facilities	Sport and recreation constructions	ha	0	0	0	0	5.7
		Long-distance pipelines, communication and electricity lines	km	0	0	0	0	3.6
		Local pipelines and cables	km	0	0	0	0	0.4
	Land use	Forests	ha				0	1,325.2
		Shrub and/or herbaceous vegetation association	ha				0	212.3
		Other	ha				0	449.7

\* Presence of damage proxies and proximity with destroyed/damaged asset

\*\* 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

