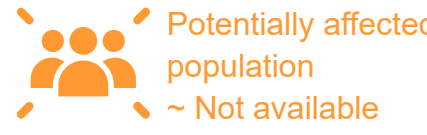


EMSR847 - AOI36
Storm in Jamaica
ORANGE BAY

Situation as of 26/11/2025 16:00 UTC
Grading - Overview map 01



Affected Built-up and Transportations



Built-up
30 No.

- Built Up Grading**
- Damaged
 - Possibly damaged
- Transportation Grading**
- Main road, No visible damage
 - Local road, No visible damage
- General Information**
- Track, No visible damage
 - Area of Interest
 - Detail map
- Hydrography**
- Lake, River

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. 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), (acquired on 01/09/2025 at 15:51 UTC, resolution 0.4 m).
Post-event image: Pléiades-1A © CNES (2025), distributed by Airbus DS (acquired on 26/11/2025 at 16:00 UTC, resolution 0.5 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 27/11/2025.

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





 EMSR847 - AOI36
Storm in Jamaica
ORANGE BAY

Situation as of 26/11/2025 16:00 UTC
Grading - Detail map 02



Built Up Grading

- Damaged
- Possibly damaged

Transportation Grading

- Main road, No visible damage

General Information

- Local road, No visible damage
- Track, No visible damage
- Area of Interest

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. 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), (acquired on 01/09/2025 at 15:51 UTC, resolution 0.4 m). Post-event image: Pléiades-1A © CNES (2025), distributed by Airbus DS (acquired on 26/11/2025 at 16:00 UTC, resolution 0.5 m). This image is used as background image.

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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>



Consequences within the AOI

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

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Assets	Built-up	Unclassified	No.	0	4	26	NA	~ 7,000
	Transportation	Primary Road	km	0	0	0	30	4,023
		Local Road	km	0	0	0	0	1.8
		Cart Track	km	0	0	0	0	32.6
	Facilities	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	5.7
	Land use	Heterogeneous agricultural areas	ha				0	2.9
		Forests	ha				0	4.6
		Shrub and/or herbaceous vegetation association	ha				0	797.6
		Inland wetlands	ha				0	180.5
		Other	ha				0	14.8
							0	93.2

* 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).

