



EMSR847 - AOI37  
Storm in Jamaica  
PONDSIDE

Situation as of 26/11/2025 15:51 UTC  
Grading - Overview map 01





Flooded Area  
12.9 ha



Potentially affected  
population  
10

Affected Built-up and Transportations



Built-up  
74 No.



Road  
0.5 km

**Crisis Information**

- Flooded Area

**Built Up Grading**

- Damaged
- Possibly damaged

**Transportation Grading**

- 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.

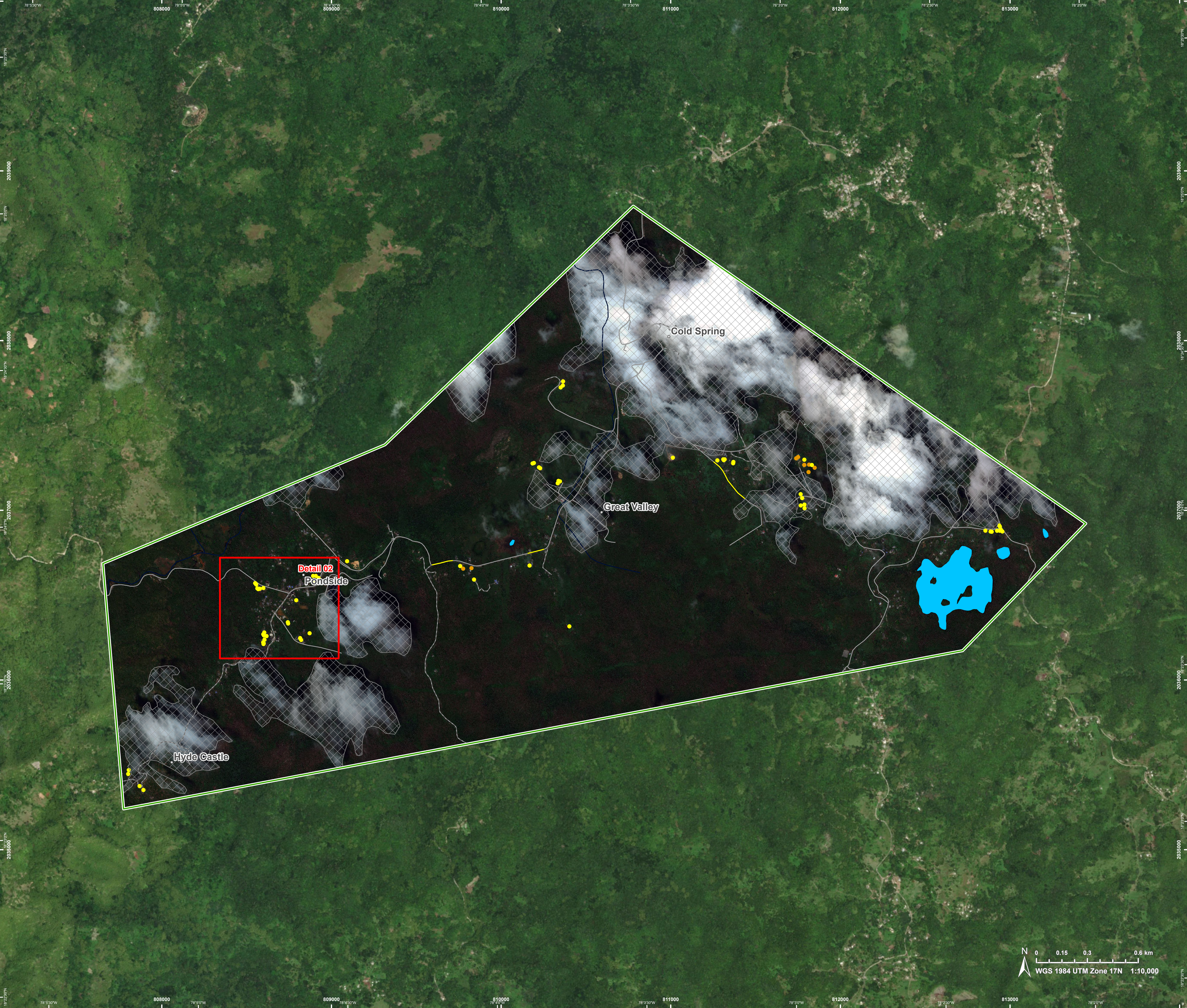
**Data sources and analysis:** Pre-event image: Legion © Vantor (2024), (acquired on 27/12/2024 at 15:50 UTC, resolution 0.30 m).  
Post-event image: Legion © Vantor (2025), (acquired on 26/11/2025 at 15:51 UTC, resolution 0.5 m).  
This image is used as background image.

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 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 - AOI37  
Storm in Jamaica  
PONDSIDE

Situation as of 26/11/2025 15:51 UTC  
Grading - Detail map 02



**Built Up Grading**

- Possibly damaged

**Transportation Grading**

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

**General Information**

- Area of Interest
- 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 26/11/2025 at 15:51 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 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>



Consequences within the AOI

				LATEST IMPACT	
			Unit of measurement	EO-based observation*	
Crisis information	Flooded area		ha		12.9
	Maximum of all extents**		ha		12.9

				Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Estimated population		Inhabitants	No.				~ 10	~ 1,200
Assets	Built-up	Unclassified	No.	0	8	66	74	778
	Transportation	Local Road	km	0	0	0.5	0.5	15.9
		Cart Track	km	0	0	0	0	5.0
	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				12.9	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/>  
© European Union / Copernicus Emergency Management Service

**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

