




EMSR847 - AOI30
Storm in Jamaica
DARLISTON

Situation as of 12/11/2025 16:07 UTC
Grading - Overview map 01





Potentially affected population
~ Not available

Affected Built-up and Transportations



Built-Up
960 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
- Image Footprint
- Not Analysed

Placenames

- Placename

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: ESRI World Imagery © DigitalGlobe 2025 (acquired on 28/12/2024 at 00:00 UTC, resolution 0.6 m).

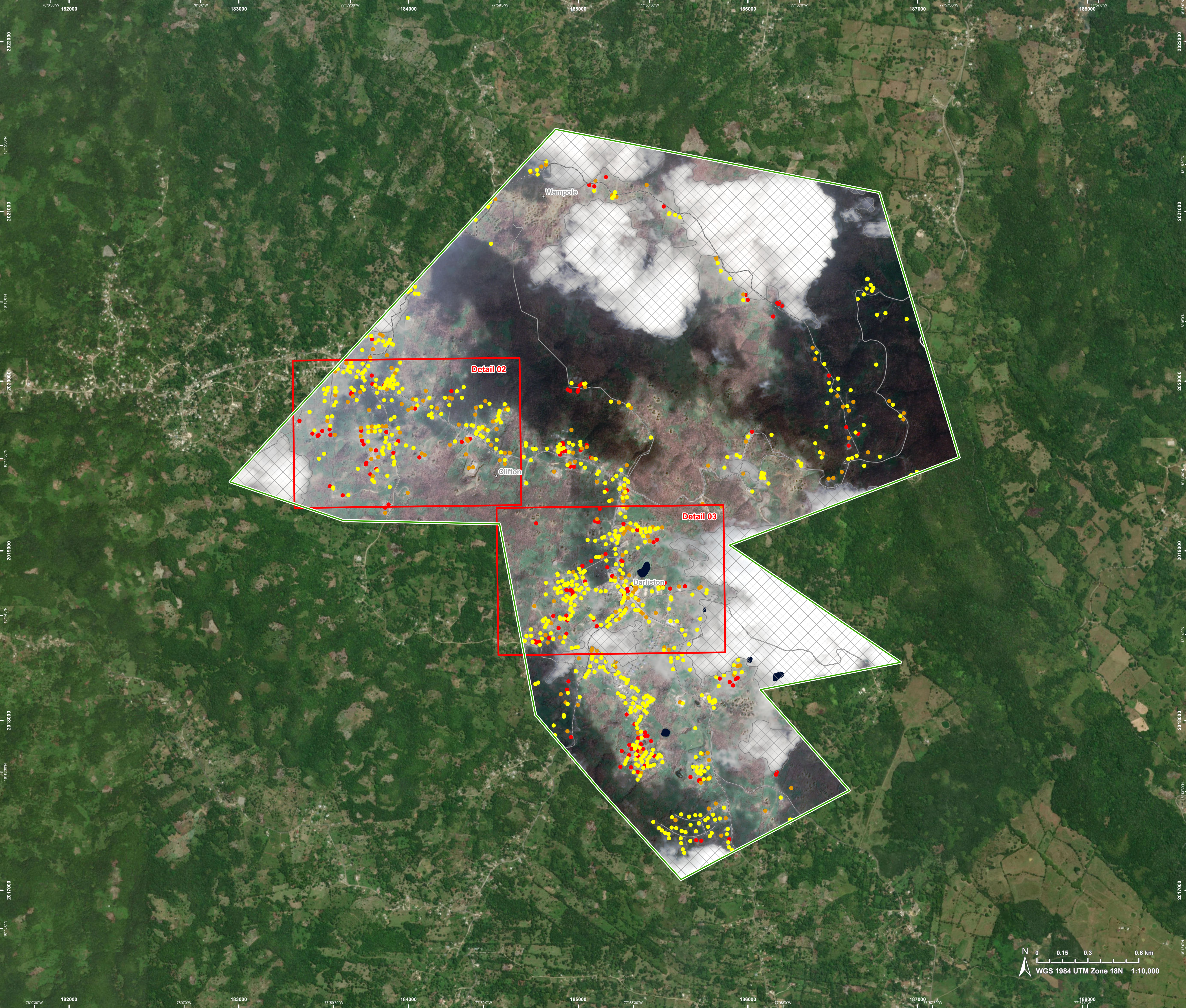
Post-event image: Pléiades-1A/B © CNES (2025), distributed by Airbus DS (acquired on 12/11/2025 at 16:07 UTC, resolution 0.5 m).

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 by means of visual interpretation.

Map produced by IABG released by e-GEOS on the 13/11/2025.

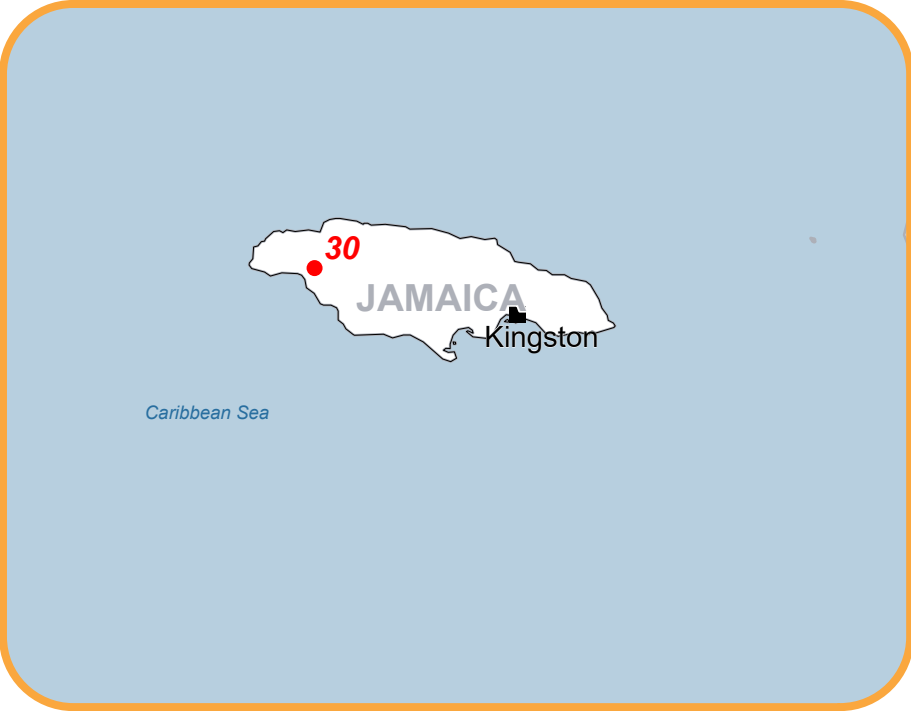
Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR847>





 EMSR847 - AOI30
Storm in Jamaica
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Situation as of 12/11/2025 16:07 UTC
Grading - Detail map 02



Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

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

General Information

- Area of Interest
- Image Footprint
- Not Analysed

Placenames

- Placename

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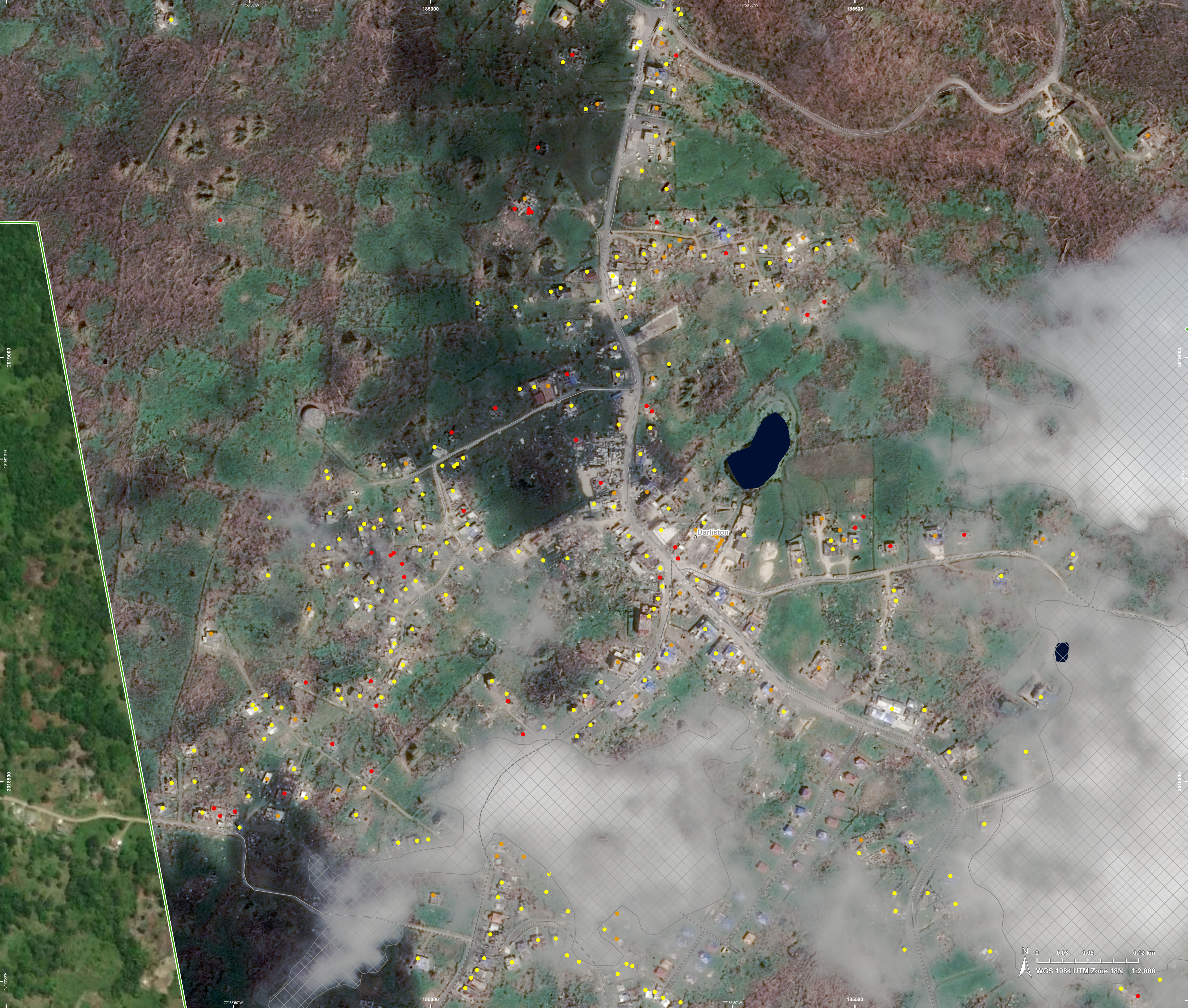
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 EMSR847 - AOI30
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Situation as of 12/11/2025 16:07 UTC
Grading - Detail map 03



Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

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

General Information

- Area of Interest
- Image Footprint
- Not Analysed

Placenames

- Placename

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.

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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.	145	189	626	NA	~ 2,400
	Transportation	Secondary Road	km	0	0	0	0	0.1
		Local Road	km	0	0	0	0	18.4
		Cart Track	km	0	0	0	0	6.0
	Land use	Forests	ha				0	919.1
		Shrub and/or herbaceous vegetation association	ha				0	22.3
		Other	ha				0	31.1

* 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

Access to the portal

