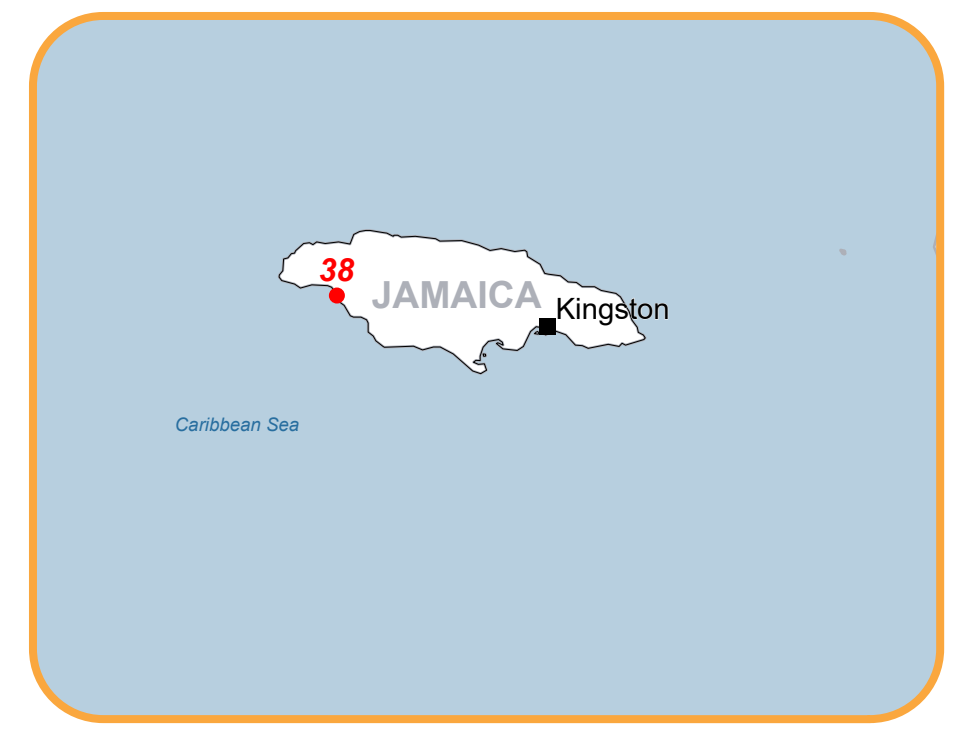



 EMSR847 - AOI38
Storm in Jamaica
BELMONT

Situation as of 03/11/2025 16:06 UTC
Grading - Overview map 01



 Potentially affected population
~ Not available

Affected Built-up and Transportations

 Built-up
3 275 No.

 Water infrastructure
0.04 km

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

- Berthing Structure, Damaged
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage

General Information

- Area of Interest
- Detail map

Placenames

- Placename

Hydrography

- Lake, River
- Island

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-3 © Vantor (2025), provided by European Space Imaging (acquired on 09/02/2025 at 15:40 UTC, resolution 0.5 m).
Post-event image: Legion © Vantor (2025), provided by European Space Imaging (acquired on 03/11/2025 at 16:06 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 e-GEOS released by e-GEOS on the 26/11/2025.

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



Situation as of 03/11/2025 16:06 UTC
Grading - Detail map 02



- Built Up Grading**
- Destroyed
 - Damaged
 - Possibly damaged
- Transportation Grading**
- Berthing Structure, Damaged
 - Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible damage
- General Information**
- Area of Interest
- Placenames**
- Placename
- Hydrography**
- Lake, River
 - Island

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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 EMSR847 - AOI38
Storm in Jamaica
BELMONT

Situation as of 03/11/2025 16:06 UTC
Grading - Detail map 03



- 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

Placenames

 - Placename

Hydrography

 - Lake, River
 - Island

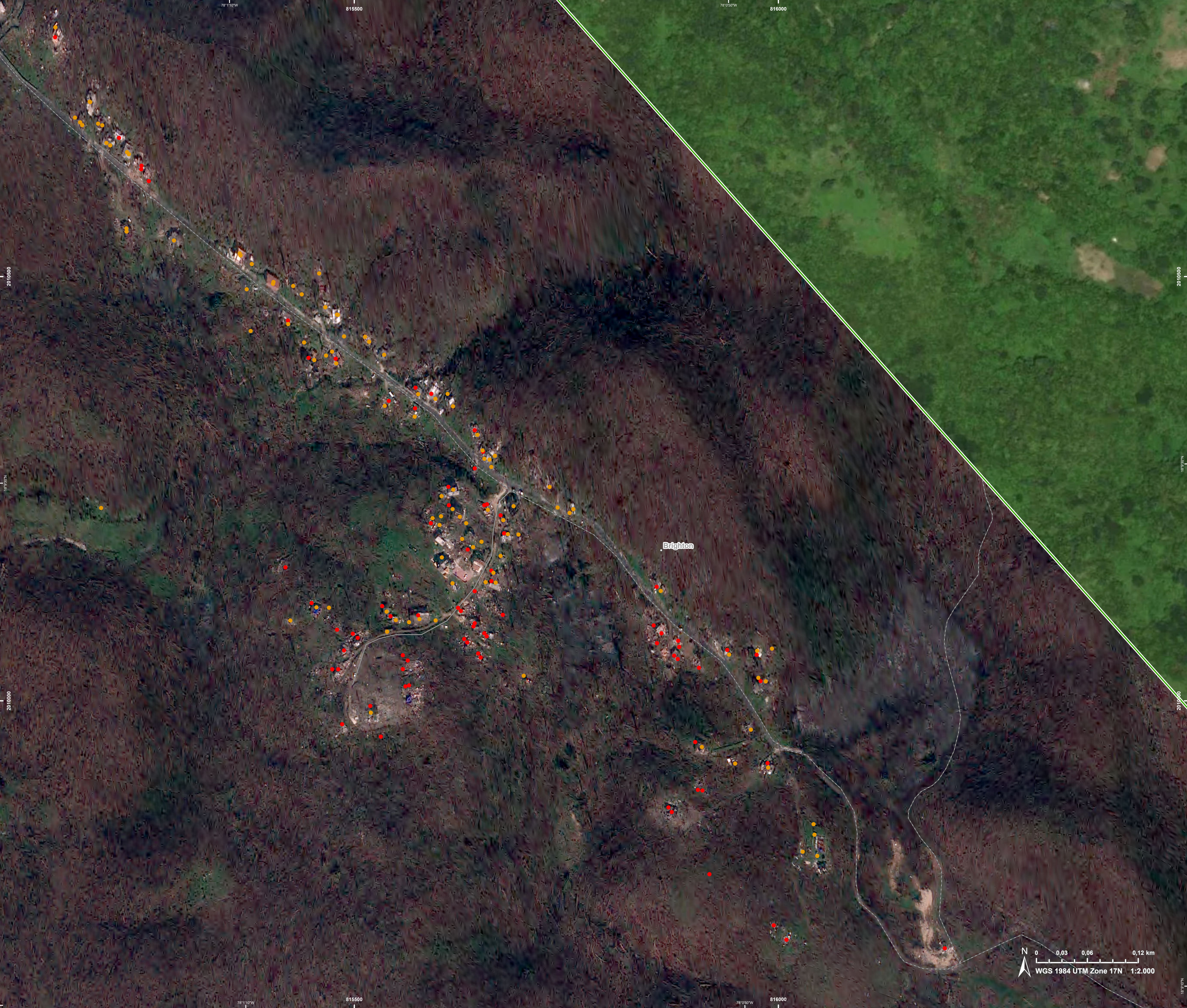
Event On 25 October 2025 at 20:00, Tropical Storm Melissa is forecast to affect Jamaica and the southern peninsula of Haiti. The event is expected to cause damage to housing, infrastructure, and transport networks due to heavy rainfall, strong winds, flooding, and landslides. Hurricane conditions are 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-3 © Vantor (2025), provided by European Space Imaging (acquired on 09/02/2025 at 15:40 UTC, resolution 0.5 m).
Post-event image: Legion © Vantor (2025), provided by European Space Imaging (acquired on 03/11/2025 at 16:06 UTC, resolution 0.5 m).
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 EMSR847 - AOI38
Storm in Jamaica
BELMONT

Situation as of 03/11/2025 16:06 UTC
Grading - Detail map 04



- Built Up Grading**

 - Destroyed
 - Damaged

Transportation Grading

 - Local road, No visible damage
 - Track, No visible damage
- General Information**

 - Area of Interest

Placenames

 - Placename

Hydrography

 - Lake, River
 - Island

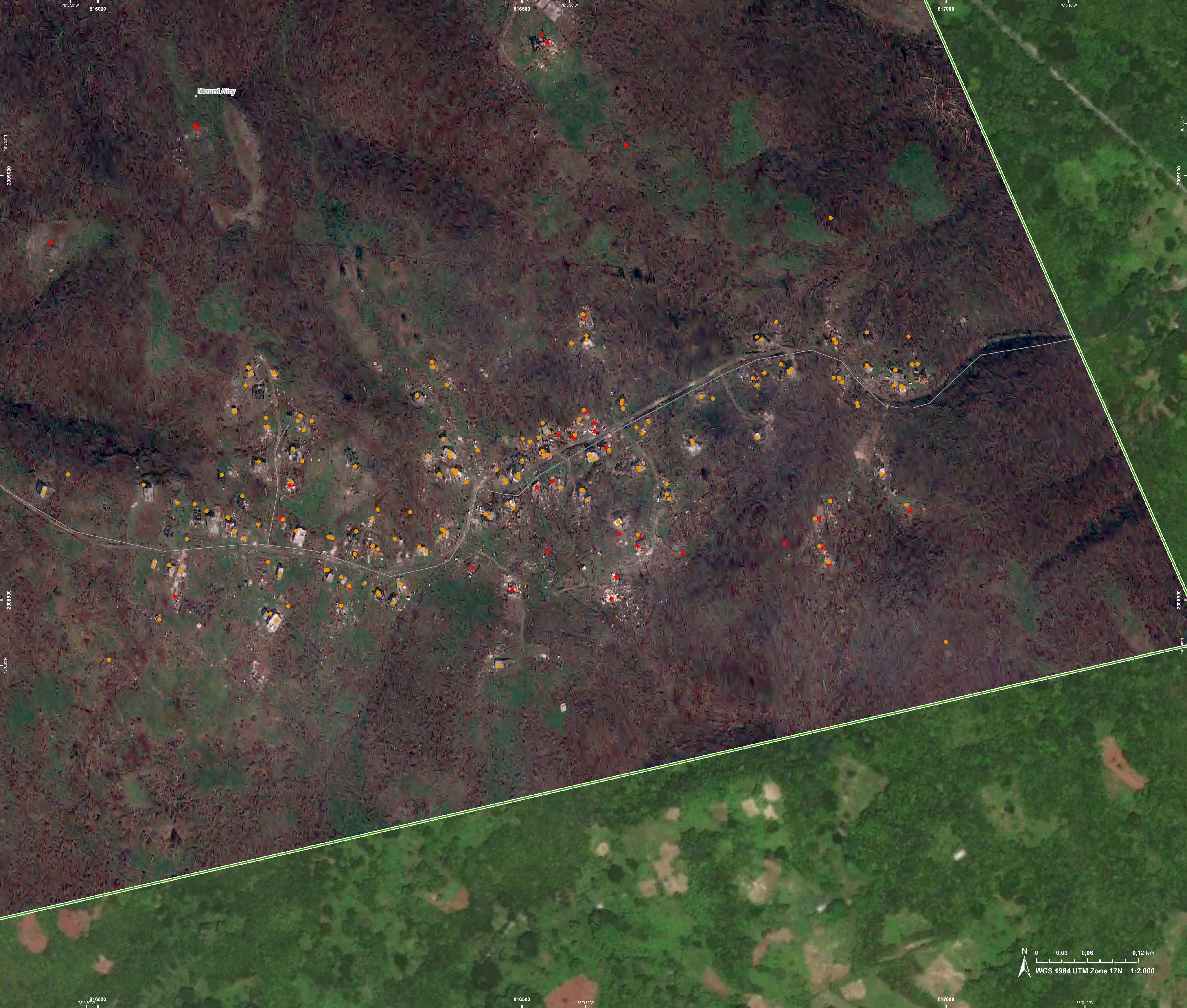
Event: On 25 October 2025 at 20:00, Tropical Storm Melissa is forecast to affect Jamaica and the southern peninsula of Haiti. The event is expected to cause damage to housing, infrastructure, and transport networks due to heavy rainfall, strong winds, flooding, and landslides. Hurricane conditions are 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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 EMSR847 - AOI38
Storm in Jamaica
BELMONT

Situation as of 03/11/2025 16:06 UTC
Grading - Detail map 05



- Built Up Grading**
- Destroyed
 - Damaged
- Transportation Grading**
- Local road, No visible damage
- General Information**
- Area of Interest
- Placenames**
- Placename
- Hydrography**
- Lake, River
 - Island

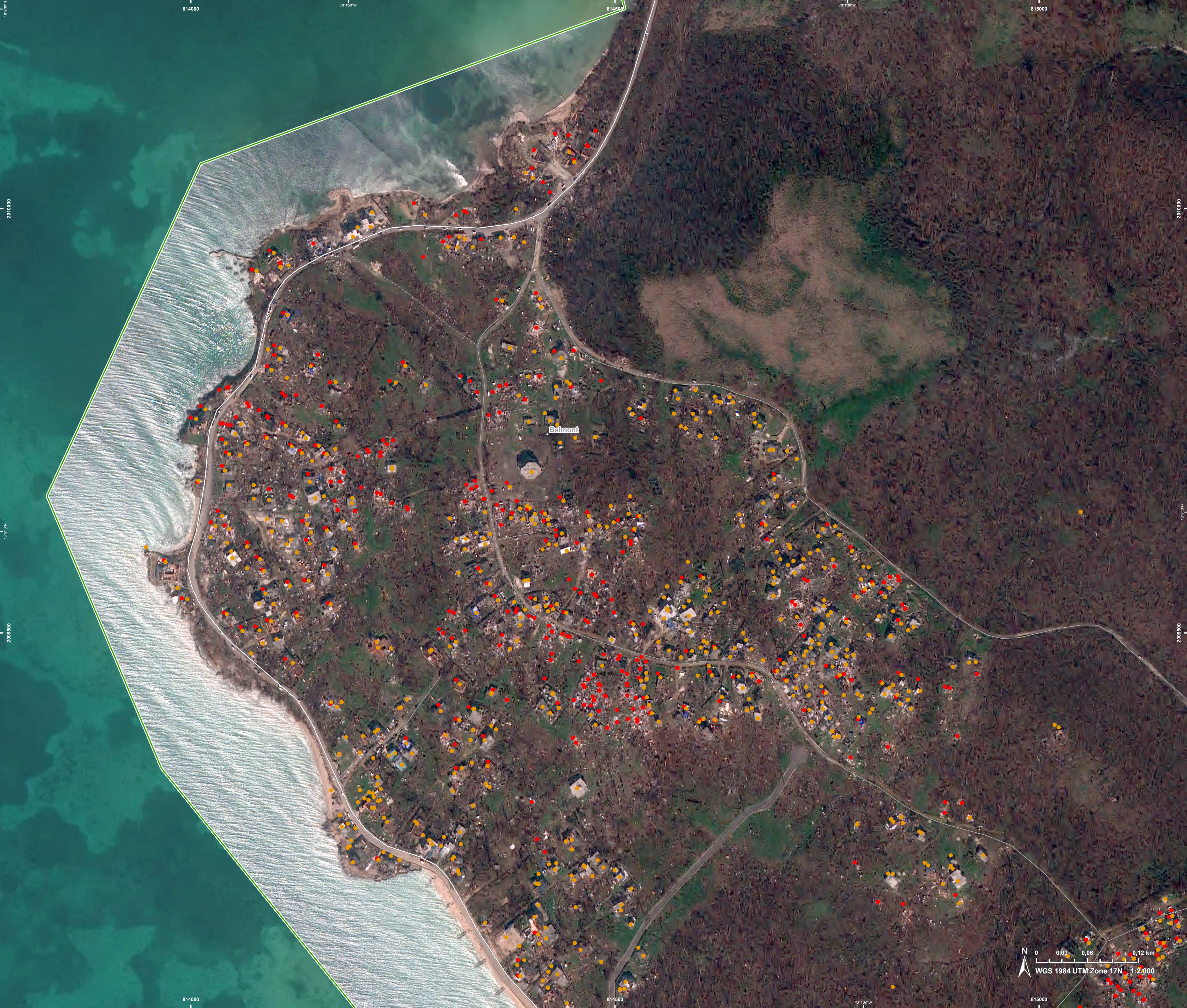
Event: On 25 October 2025 at 20:00, Tropical Storm Melissa is forecast to affect Jamaica and the southern peninsula of Haiti. The event is expected to cause damage to housing, infrastructure, and transport networks due to heavy rainfall, strong winds, flooding, and landslides. Hurricane conditions are 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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 EMSR847 - AOI38
Storm in Jamaica
BELMONT

Situation as of 03/11/2025 16:06 UTC
Grading - Detail map 06



- Built Up Grading**

 - Destroyed
 - Damaged

Transportation Grading

 - Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible damage
- General Information**

 - Area of Interest

Placenames

 - Placename

Hydrography

 - Lake, River
 - Island

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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EMSR847 - AOI38
Storm in Jamaica
BELMONT

Situation as of 03/11/2025 16:06 UTC
Grading - Detail map 07



Built Up Grading

- Destroyed
- Damaged

Transportation Grading

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

General Information

- Area of Interest

Hydrography

- Lake, River
- Island

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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PROGRAMME OF THE
EUROPEAN UNION



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	Residential Buildings	No.	580	1.991	69	2.640	2.640
		Wholesale and retail trade buildings	No.	2	2	0	4	4
		School, university and research buildings	No.	0	2	0	2	2
		Non-residential farm buildings	No.	0	1	0	1	1
		Other buildings not elsewhere classified	No.	101	512	14	627	627
		Hotel buildings	No.	0	1	0	1	1
	Transportation	Berthing Structure	km	0	0,04	0	0,04	0,04
		Primary Road	km	0	0	0	0	6,7
		Local Road	km	0	0	0	0	12,7
		Cart Track	km	0	0	0	0	9,5
	Facilities	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	0,1
	Land use	Forests	ha				0	874,5
		Shrub and/or herbaceous vegetation association	ha				0	3,5
		Inland wetlands	ha				0	40,6
		Other	ha				0	78,2

* 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

