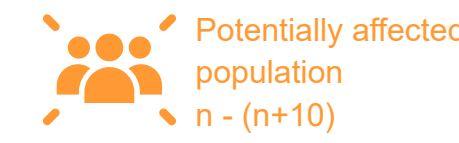
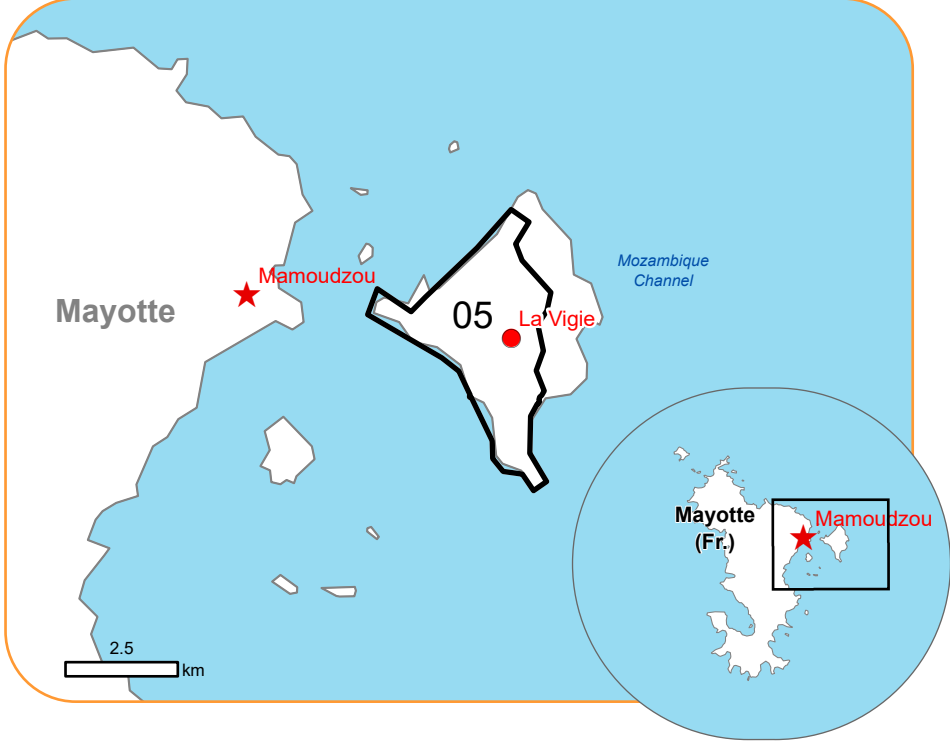


Situation as of 15/12/2024 07:16 UTC
Grading - Overview map 01



Affected Built-up and Transportations



Crisis Information

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Facilities Grading

- Damaged

Transportation Grading

- Road, Damaged
- Road, Possibly damaged
- Main road, No visible damage
- Local road, No visible damage

- Track, No visible damage
- Airfield runway, No visible damage
- Airfield and Heliport, No visible damage

General Information

- Area of Interest
- Detail map
- Not Analysed

Administrative Boundaries

- Region

Placenames

- Placename

Hydrography

- Lake, River

Event: On 12-14 December 2024, heavy to very heavy rain and strong winds are expected, due to tropical cyclone CHIDO, over northern Madagascar, Mayotte (red alert declared in the northern part of the island at 18:00) and Comoros, while on 15-16 December the same weather conditions are expected over northern and north-eastern Mozambique. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation of the event, its the extent of impacts and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: GeoEye © Maxar Technologies, Inc. (2024) (acquired on 05/08/2023 at 07:25 UTC, resolution 0.5 m).
Post-event image: Pleiades (2024) distributed by Airbus DS (acquired on 15/12/2024 at 07:16 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 16/12/2024.

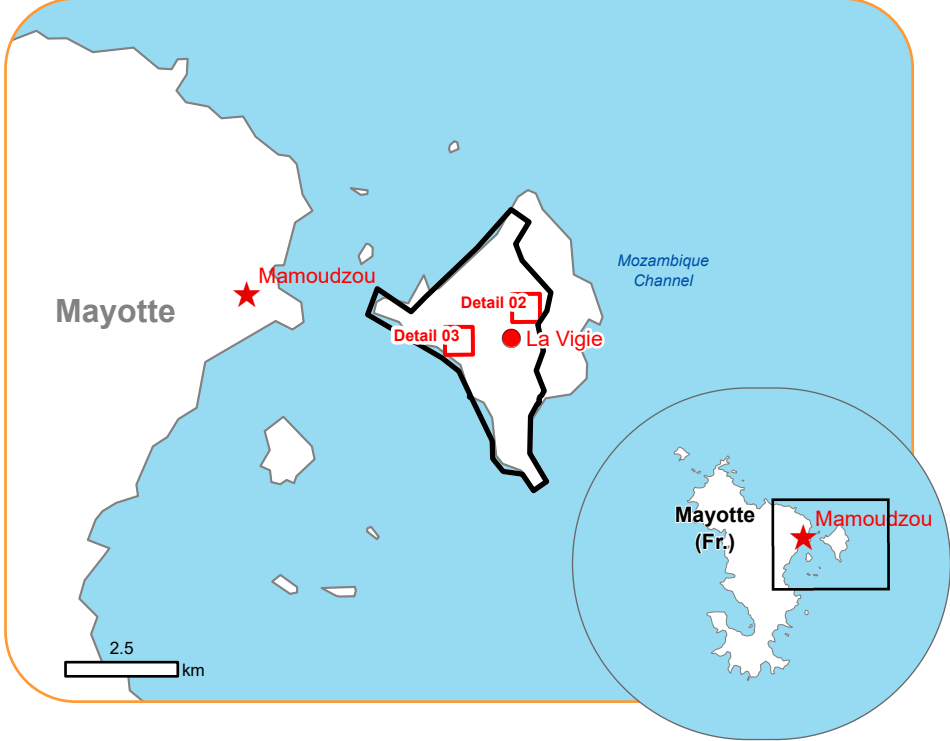
Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR780>





 EMSR780 - AOI05
Storm in Mayotte (Fr.)
LA VIGIE

Situation as of 15/12/2024 07:16 UTC
Grading - Detail map 02



Crisis Information

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

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

General Information

- Area of Interest
- Not Analysed

Event: On 12-14 December 2024, heavy to very heavy rain and strong winds are expected, due to tropical cyclone CHIDO, over northern Madagascar, Mayotte (red alert declared in the northern part of the island at 18:00) and Comoros, while on 15-16 December the same weather conditions are expected over northern and north-eastern Mozambique. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation of the event, its the extent of impacts and damage assessment emergency mapping.


Data sources and analysis: Pre-event image: GeoEye © Maxar Technologies, Inc. (2024) (acquired on 05/08/2023 at 07:25 UTC, resolution 0.5 m).
Post-event image: Pleiades (2024) distributed by Airbus DS (acquired on 15/12/2024 at 07:16 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 e-GEOS released by e-GEOS on the 16/12/2024.

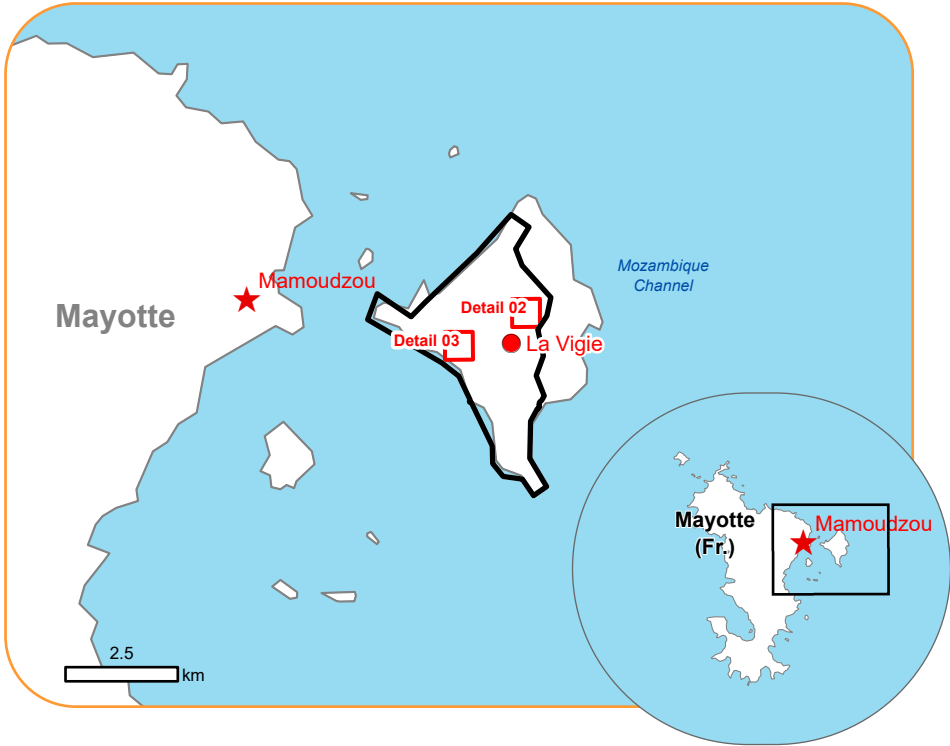
Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR780>





EMSR780 - AOI05
Storm in Mayotte (Fr.)
LA VIGIE

Situation as of 15/12/2024 07:16 UTC
Grading - Detail map 03



Crisis Information

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

- Road, Possibly damaged
- Main road, No visible damage
- Local road, No visible damage

General Information

- Area of Interest

Placenames

- Placename

Event: On 12-14 December 2024, heavy to very heavy rain and strong winds are expected, due to tropical cyclone CHIDO, over northern Madagascar, Mayotte (red alert declared in the northern part of the island at 18:00) and Comoros, while on 15-16 December the same weather conditions are expected over northern and north-eastern Mozambique. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation of the event, its the extent of impacts and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: GeoEye © Maxar Technologies, Inc. (2024) (acquired on 05/08/2023 at 07:25 UTC, resolution 0.5 m).
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Map produced by e-GEOS released by e-GEOS on the 16/12/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR780>



Consequences within the AOI						
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**
Estimated population	Number of inhabitants					NA
Built-up		No.	58	34	15	107
	Residential Buildings	No.	0	0	0	0
	Office buildings	No.	0	0	0	0
	Fire station	No.	0	0	0	0
	Wholesale and retail trade buildings	No.	0	2	0	2
	Industrial buildings	No.	0	0	0	0
	Reservoirs, silos and warehouses	No.	1	0	0	1
	Museums and libraries	No.	0	0	0	0
	School, university and research buildings	No.	0	1	0	1
	Buildings used as places of worship and for religious activities	No.	0	1	1	2
	Hotel buildings	No.	0	0	1	1
	Communication buildings, stations, terminals and associated buildings	No.	0	0	0	0
	Unclassified	No.	791	822	231	1,844
Transportation	Airfield runways	ha	0	0	0	0
	Helipad	ha	0	0	0	0
	Airfield runways	km	0	0	0	0
	Primary Road	km	0	0	0.2	0.2
	Secondary Road	km	0	0	0	0
	Local Road	km	0	2.9	0.3	3.3
	Cart Track	km	0	0.4	0	0.4
Facilities	Constructions for mining or extraction	ha	0	0	0	0
	Power plant constructions	ha	0	0	0	0
	Sport and recreation constructions	ha	0	0.2	0	0.2
	Other civil engineering works not elsewhere classified	ha	0	0	0	0
Land use	Other	ha	0	0	0	0
* 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://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>
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Data Access:
All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, 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 (2024), Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019). Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015. Digital Elevation Model: SRTM (90 m) (NASA/USGS) provided under COPERNICUS by the European Union and ESA, all rights reserved.

Access to the portal

