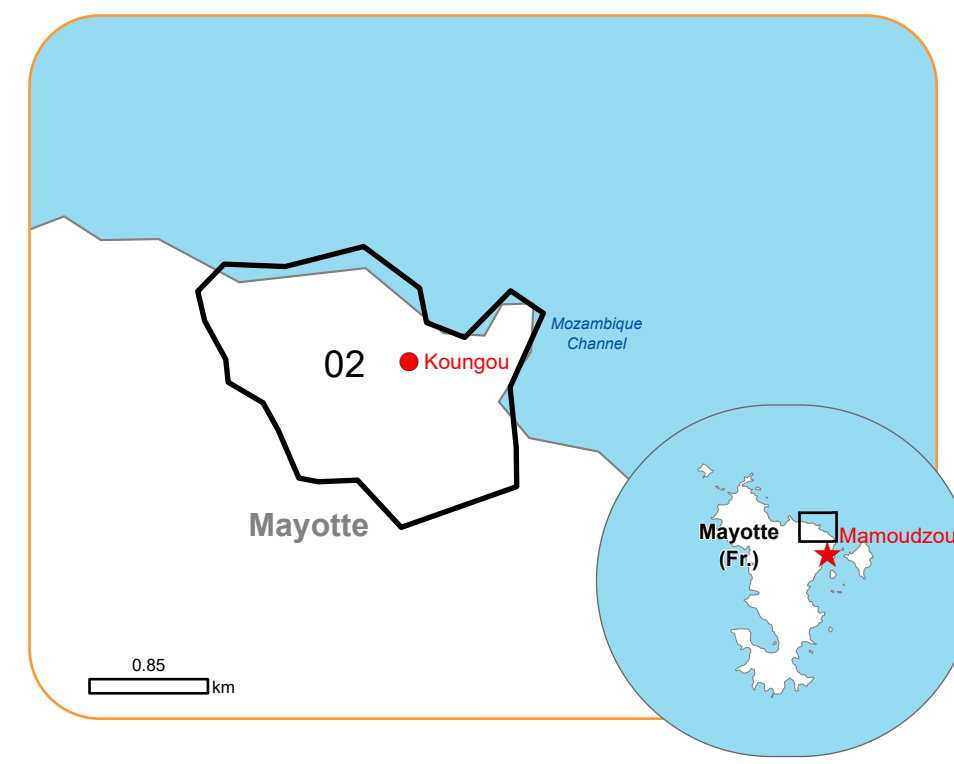


EMSR780 - AOI02
Storm in Mozambique Channel
KOUNGOU

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





Potentially affected population
~ Not available

Affected Built-up and Transportations



Built-Up
2,743 No.



Road
2.3 km

- Crisis Information**
- Built Up Grading**
 - Destroyed
 - Damaged
 - Possibly damaged
- Facilities Grading**
 - Damaged
 - Possibly damaged
- Transportation Grading**
 - Road, Destroyed
 - Road, Possibly damaged
 - Main road, No visible damage
 - Local road, No visible damage
- General Information**
 - Area of Interest
 - Detail map
- Placenames**
 - Placename
- Hydrography**
 - Lake, River
 - Watercourse

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.

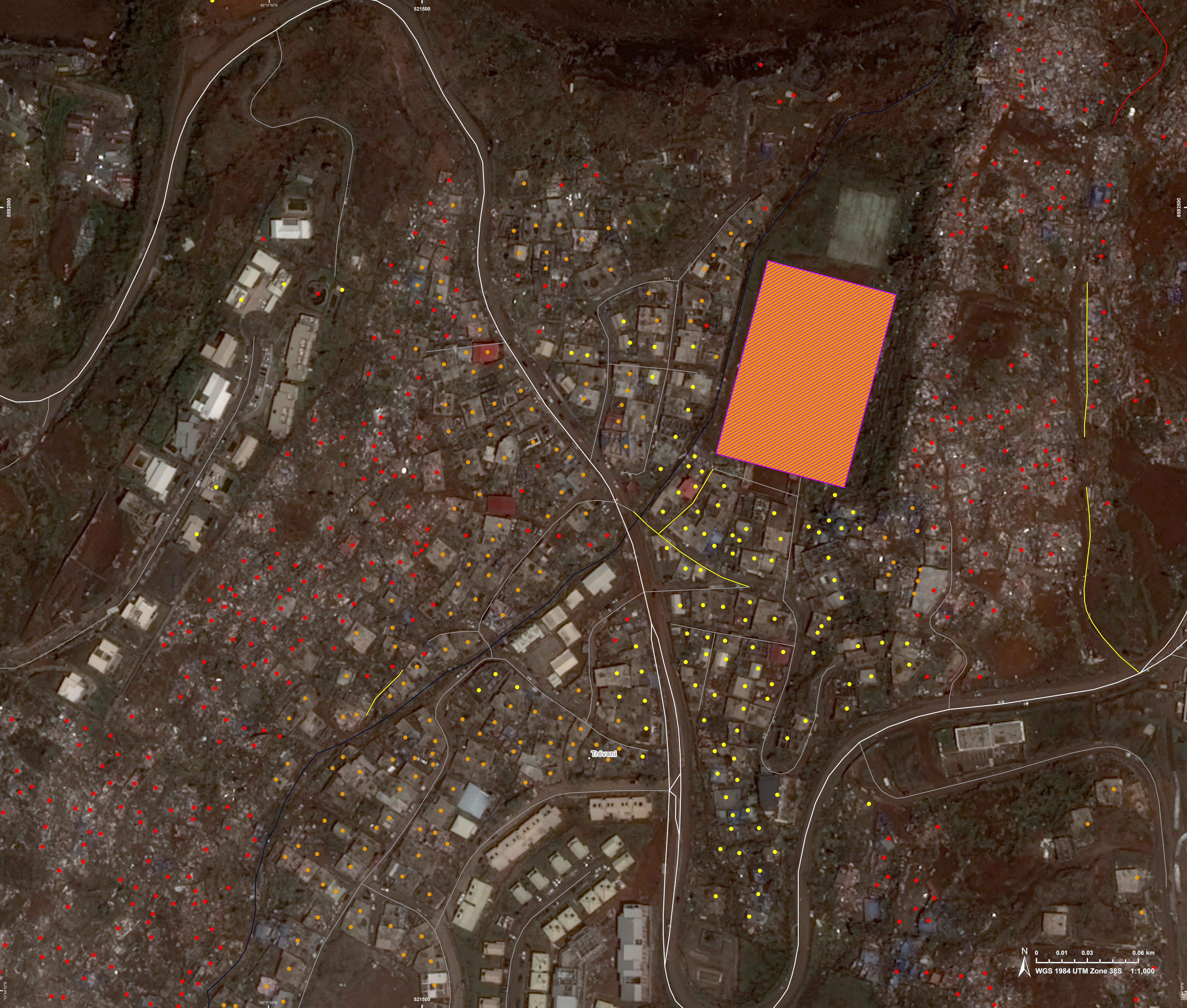
Data sources and analysis:
Pre-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 05/08/2023 at 07:25 UTC, resolution 0.5 m).
Worldview-3 © Maxar Technologies, Inc. (2024), (acquired on 11/06/2024 at 07:19 UTC, resolution 0.5 m).
Post-event image: Pléiades-1A/B © CNES (2024), distributed 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.

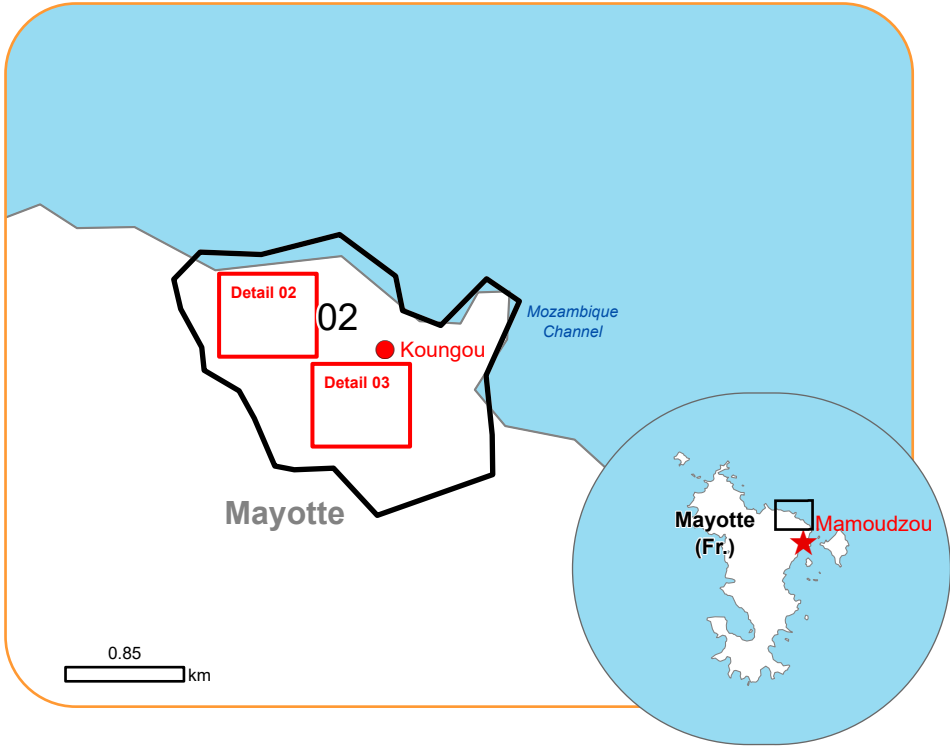
Map produced by GAF AG released by e-GEOS on the 15/12/2024.

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



EMSR780 - AOI02
Storm in Mozambique Channel
KOUNGOU

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



Crisis Information

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Facilities Grading

- Damaged

Transportation Grading

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

General Information

- Area of Interest

Placenames

- Placename
- Watercourse

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.

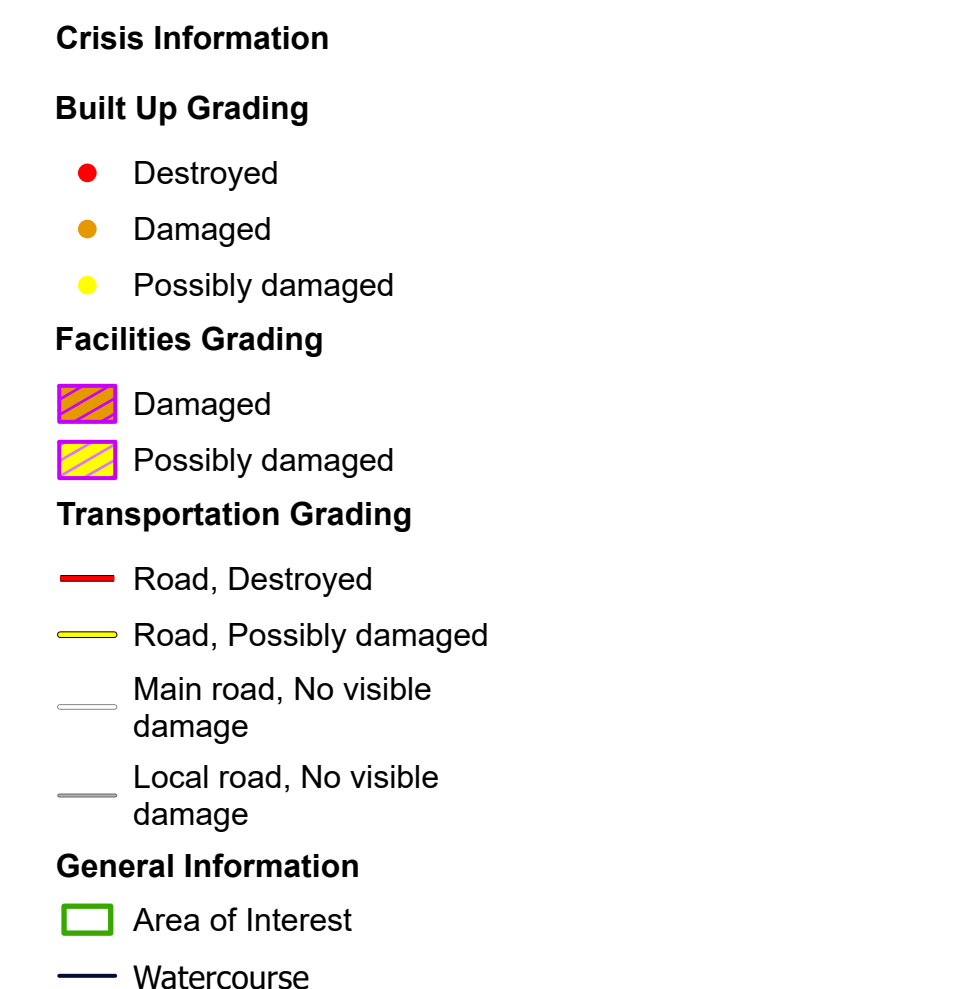
Data sources and analysis:
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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 18,000
Built-up	Residential Buildings	No.	1,264	1,172	306	2,742	2,944
	Office buildings	No.	0	0	1	1	1
Transportation	Primary Road	km	0	0	0.05	0.05	4.8
	Local Road	km	0.8	0	1.5	2.3	22.2
Facilities	Constructions for mining or extraction	ha	0	0	22.3	22.3	22.3
	Sport and recreation constructions	ha	0	1.6	0	1.6	1.6
Land use	Heterogeneous agricultural areas	ha	0	0	0	0	3.5
	Forests	ha	0	0	0	0	85.6
	Shrub and/or herbaceous vegetation association	ha	0	0	0	0	120.9
	Inland wetlands	ha	0	0	0	0	10.6
	Other	ha	0	0	0	0	86.1
* 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://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: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

Digital Elevation Model (DEM) (Airbus,2020).

Access to the portal



PROGRAMME OF THE
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