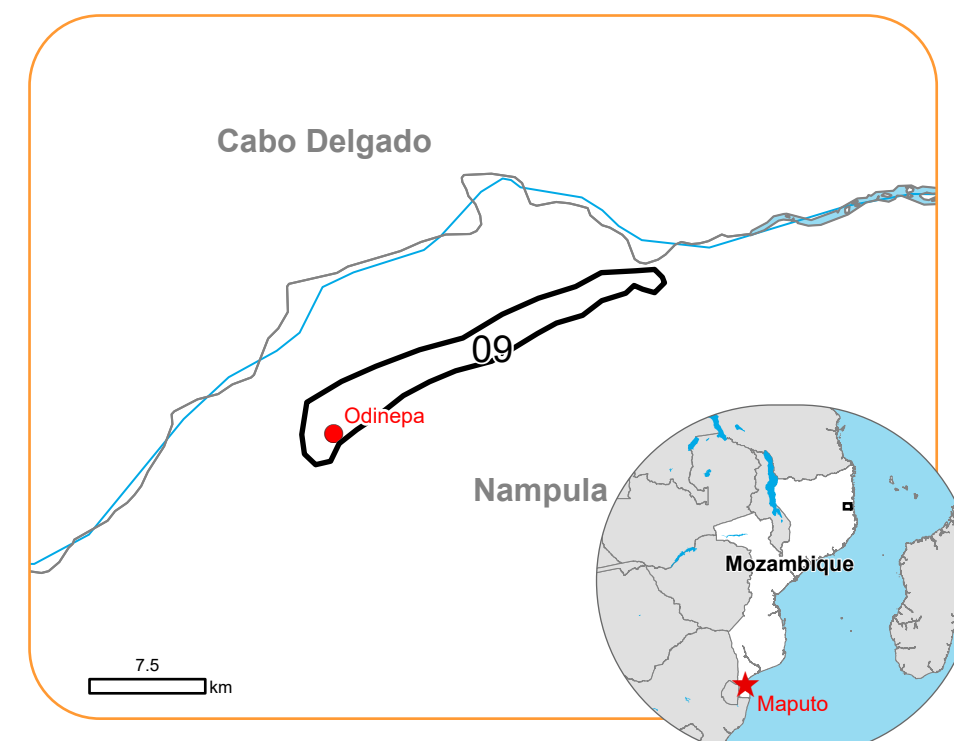




EMSR781 - AOI09  
Storm in Mozambique  
ODINEPA







Situation as of 25/12/2024 07:33 UTC  
Grading - Overview map 01



 Potentially affected population  
~ Not available

Affected Built-up and Transportations

 Built-Up  
9 No.

- Built Up Grading**
-  Possibly damaged
- Transportation Grading**
-  Local road, No visible damage
  -  Track, No visible damage
- General Information**
-  Area of Interest
  -  Not Analysed
- Hydrography**
-  Lake, River

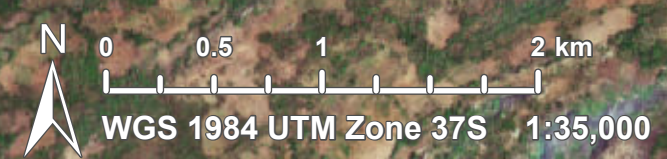
**Event:** On the 15 December 2024 at 6:15 CAT Tropical Cyclone CHIDO has made landfall in Mozambique. The event brought hurricane-force winds and torrential floods to several districts in the provinces of Cabo Delgado, Nampula and Niassa. Copernicus EMS Rapid Mapping is requested to provide event extent and damage assessment emergency mapping.

**Data sources and analysis:** Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 05/02/2023, resolution 1.13 m). This image is used as background image.  
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/12/2024 at 07:33 UTC, resolution 0.5 m).  
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by IABG released by e-GEOS on the 25/12/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR781>





Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 8,000
Built-up	Residential Buildings	No.	0	0	9	9	7,889
Transportation	Local Road	km	0	0	0	0	31.6
	Cart Track	km	0	0	0	0	17.8
Land use	Heterogeneous agricultural areas	ha	0	0	0	0	187.7
	Forests	ha	0	0	0	0	4,674.2
	Shrub and/or herbaceous vegetation association	ha	0	0	0	0	790.6
	Other	ha	0	0	0	0	112.3
<p>* Presence of damage proxies and proximity with destroyed/damaged asset</p> <p>** Sum of all damage classes</p>							

#### Disclaimer:

Full disclaimer and other helpful information available in the online manual:  
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>  
 © European Union / Copernicus Emergency Management Service

#### 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, Overture Maps Foundation (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



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