 EMSR781 - AOI03
Tropical Cyclone CHIDO in Mozambique
METUGE

Situation as of 19/12/2024 07:44 UTC
Grading - Overview map 01






 Potentially affected population
~ Not available




Affected Built-up

 Built-Up
524 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

Placenames

-  Placename

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, Namputa and Niassa. Copernicus EMS Rapid Mapping is requested to provide event extent and damage assessment emergency mapping.

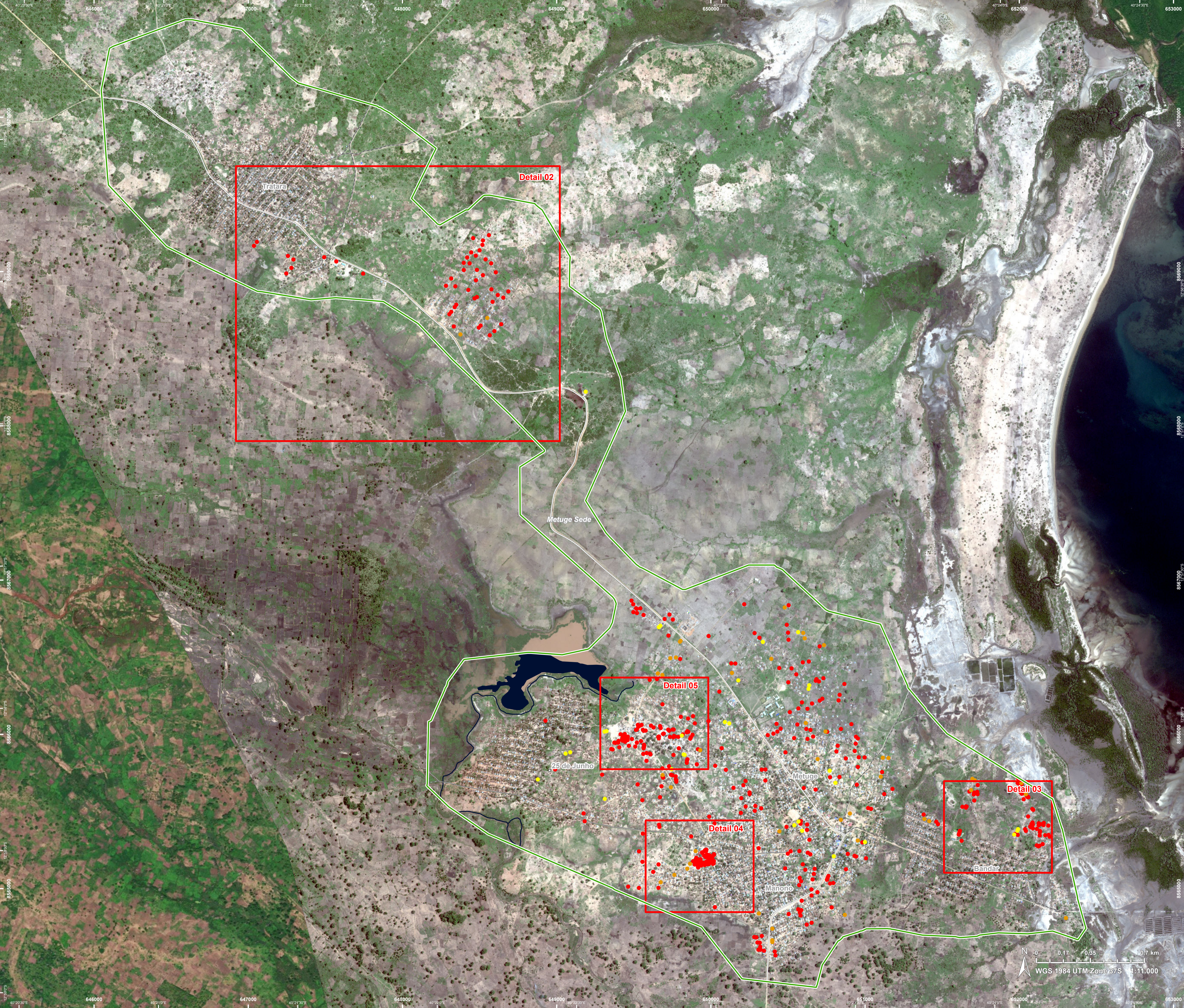
Data sources and analysis: Pre-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 21/04/2024 at 07:26 UTC, resolution 0.3 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 19/12/2024 at 07:44 UTC, resolution 0.5 m).
This image is used as background image.


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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by ITHACA released by e-GEOS on the 19/12/2024.

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



 EMSR781 - AOI03
Tropical Cyclone CHIDO in Mozambique
METUGE

Situation as of 19/12/2024 07:44 UTC
Grading - Detail map 02



- 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

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.

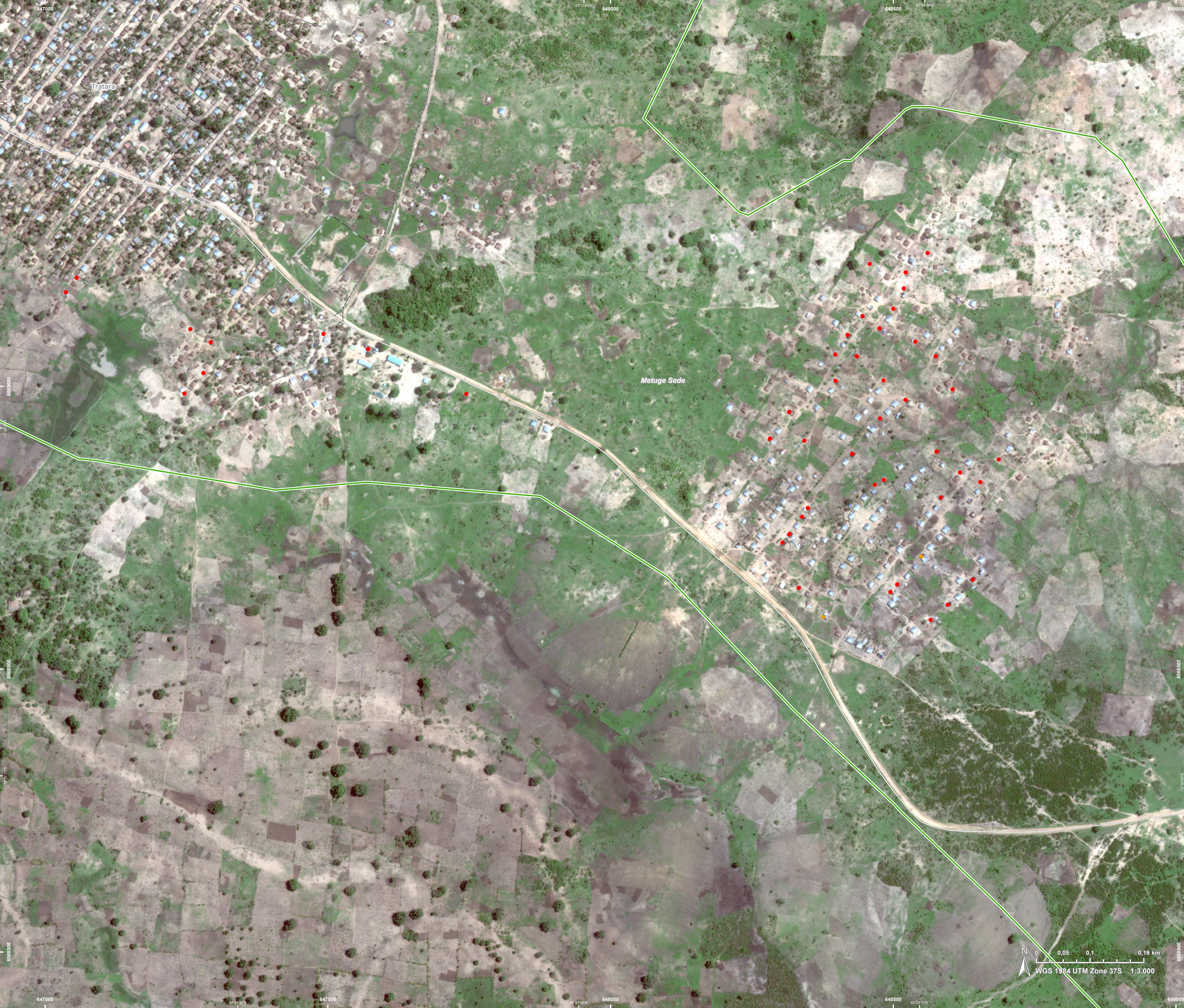
Data sources and analysis: Pre-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 21/04/2024 at 07:26 UTC, resolution 0,3 m).
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 **EMSR781 - AOI03**
Tropical Cyclone CHIDO in Mozambique
METUGE

Situation as of 19/12/2024 07:44 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

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.

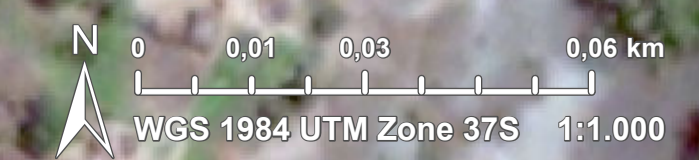
Data sources and analysis: Pre-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 21/04/2024 at 07:26 UTC, resolution 0,3 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 19/12/2024 at 07:44 UTC, resolution 0.5 m).
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 EMSR781 - AOI03
Tropical Cyclone CHIDO in Mozambique
METUGE

Situation as of 19/12/2024 07:44 UTC
Grading - Detail map 04



- Built Up Grading**
- Destroyed
 - Damaged
- Transportation Grading**
- Local road, No visible damage
- General Information**
- Area of Interest



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.

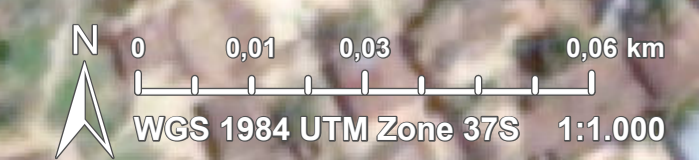
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Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

General Information

- Area of Interest

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.

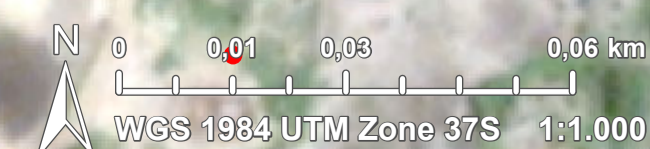
Data sources and analysis: Pre-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 21/04/2024 at 07:26 UTC, resolution 0.3 m).
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Consequences within the AOI							
		Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 21.000
Built-up	Residential Buildings	No.	375	34	19	428	1.497
	Office buildings	No.	0	0	0	0	1
	Institutional	No.	0	1	0	1	5
	Police station	No.	0	0	0	0	1
	Museums and libraries	No.	0	0	0	0	1
	School, university and research buildings	No.	0	0	0	0	2
	Unclassified	No.	74	10	11	95	3.391
Transportation	Secondary Road	km	0	0	0	0	8.7
	Local Road	km	0	0	0	0	13.2
	Cart Track	km	0	0	0	0	5.4
Facilities	Sport and recreation constructions	ha	0	0	0	0	2.2
Land use	Heterogeneous agricultural areas	ha	0	0	0	0	16.9
	Forests	ha	0	0	0	0	435.4
	Shrub and/or herbaceous vegetation association	ha	0	0	0	0	451.4
	Inland wetlands	ha	0	0	0	0	19.5
	Other	ha	0	0	0	0	240.9
* Presence of damage proxies and proximitywith 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 EUROPEAN UNION

