

Matemo - MOZAMBIQUE
Storm - Situation as of 04/05/2019
Grading - Overview map 01

Cartographic Information

1:13000 Full color A1, 200 dpi resolution

0 250 500 1.000
Meters

Grid: WGS 1984 UTM Zone 37S map coordinate system
Tick marks: WGS 84 geographical coordinate system

N

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

Road, Possibly damaged

General Information

- Area of Interest
- Detail map

Sensor Metadata

Not Analysed

Placenames

- Placename

Transportation

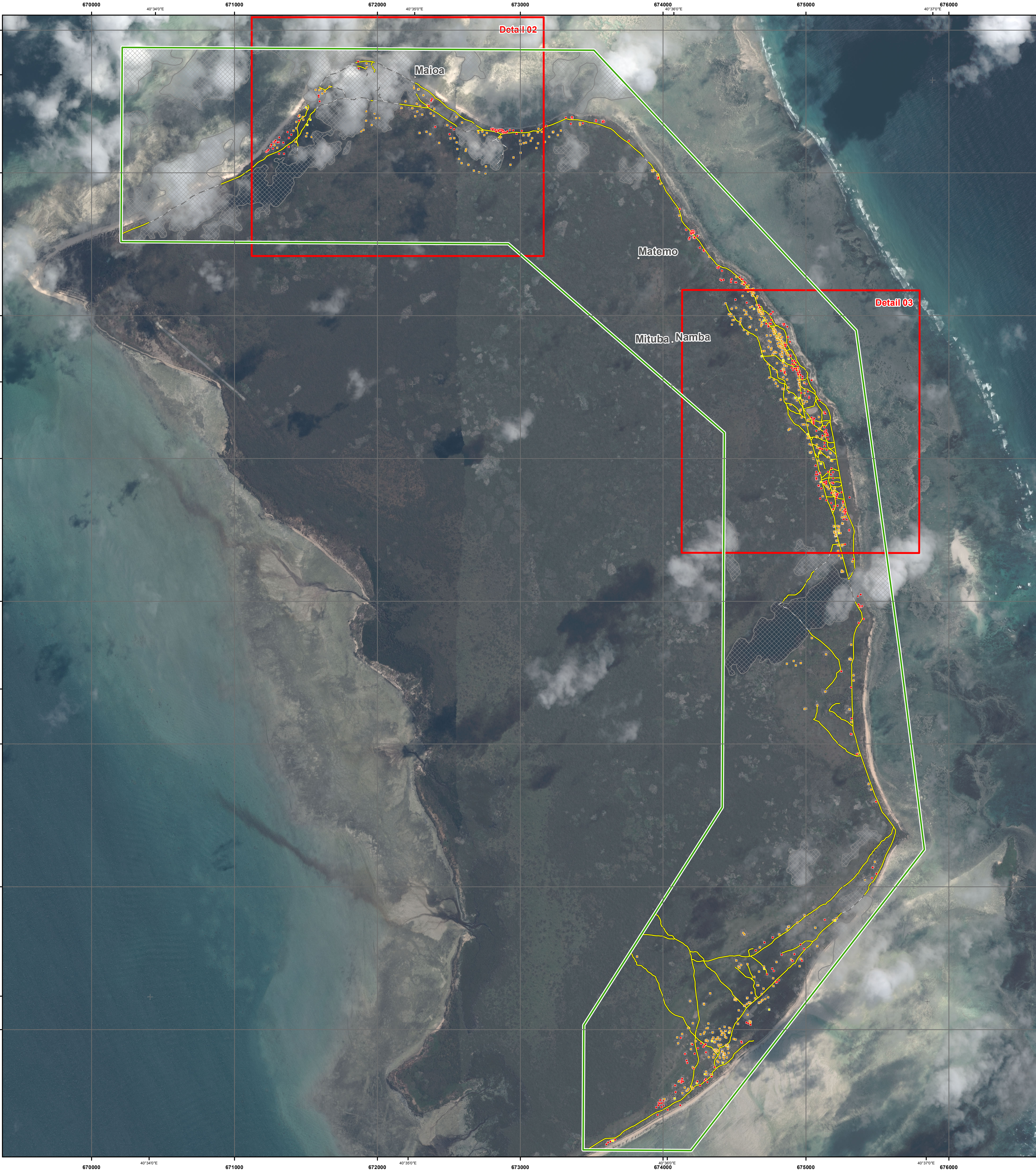
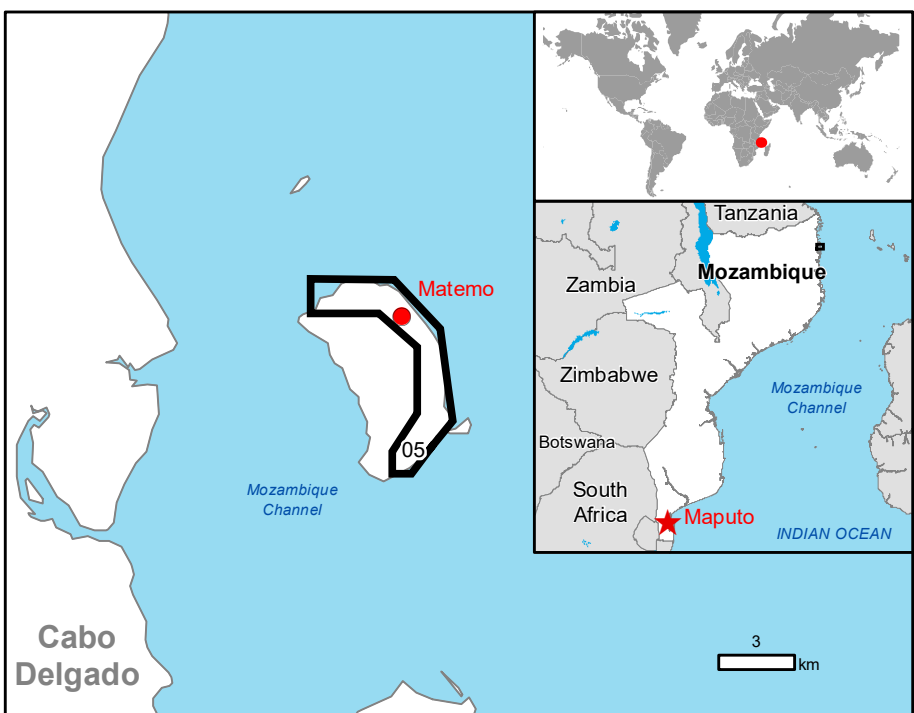
Cart Track

Physiography & Land use - Land Cover

Features available in vector data

Legend

Consequences within the AOI							
	Unit of measurement	Destroyed	Damaged	Possibly damaged	Not Analysed	Total affected	Total in AOI
Estimated population	Number of inhabitants					N/A	2090
Settlements	Residential	No.	360	556	32	77	1025
Transportation	Cart Track	km	0,0	0,0	28,1	3,7	31,7



Map Information

Tropical Cyclone (TC) Kenneth hit Mozambique on 26.04.2019. TC Kenneth likely to bring a period of destructive winds to the Northern provinces of Mozambique on 26.04.2019 onwards. TC Kenneth also likely to bring a period of a few days of torrential rainfall with 350-500 mm likely widely, perhaps as much as 800 mm.

The present map shows the storm damage grade assessment in the area of Matemo (Mozambique). The thematic layer has been derived from post-event satellite image using by means of visual interpretation. The estimated geometric accuracy (RMSE) is 1.25 m or better, from native positional accuracy of the background satellite image.

Data sources

Pre-event image: WorldView-3 © DigitalGlobe Digital Globe, Inc. (2018), (acquired on 24/06/2018 at 07:51 UTC, GSD 0.5 m, approx. 0% cloud coverage in Aoi, 26.2° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.
Post-event image: Pléiades-1A/B © CNES (2019), distributed by Airbus DS (acquired on 04/05/2019 at 07:50 UTC, GSD 0.5 m, approx. 6.3% cloud coverage in Aoi, 13° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a.
Digital Elevation Model: SRTM (90 m) (NASA/USGS)

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by Telespazio Iberica released by e-GEOS (ODO).

For the latest version of this map and related products visit <http://emergency.copernicus.eu/EMSR354>

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Relevant date records (UTC)

Event	26/04/2019 01:00	Situation as of	04/05/2019 07:57
Activation	26/04/2019 03:00	Map production	08/05/2019