

Olumbua - MOZAMBIQUE

Storm - Situation as of 05/05/2019

Grading - Overview map 01

Cartographic Information

1:13500

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



Crisis Information

- Flooded Area (05/05/2019 07:43 UTC)
- Previous Flooded Area (04/05/2019 07:50 UTC)
- Flood trace

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

- Road, Damaged
- Road, Possibly damaged

General Information

- Area of Interest
- Detail map

Sensor Metadata

- Not Analysed
- Placename

Hydrography

- Coastline
- River
- River

Transportation

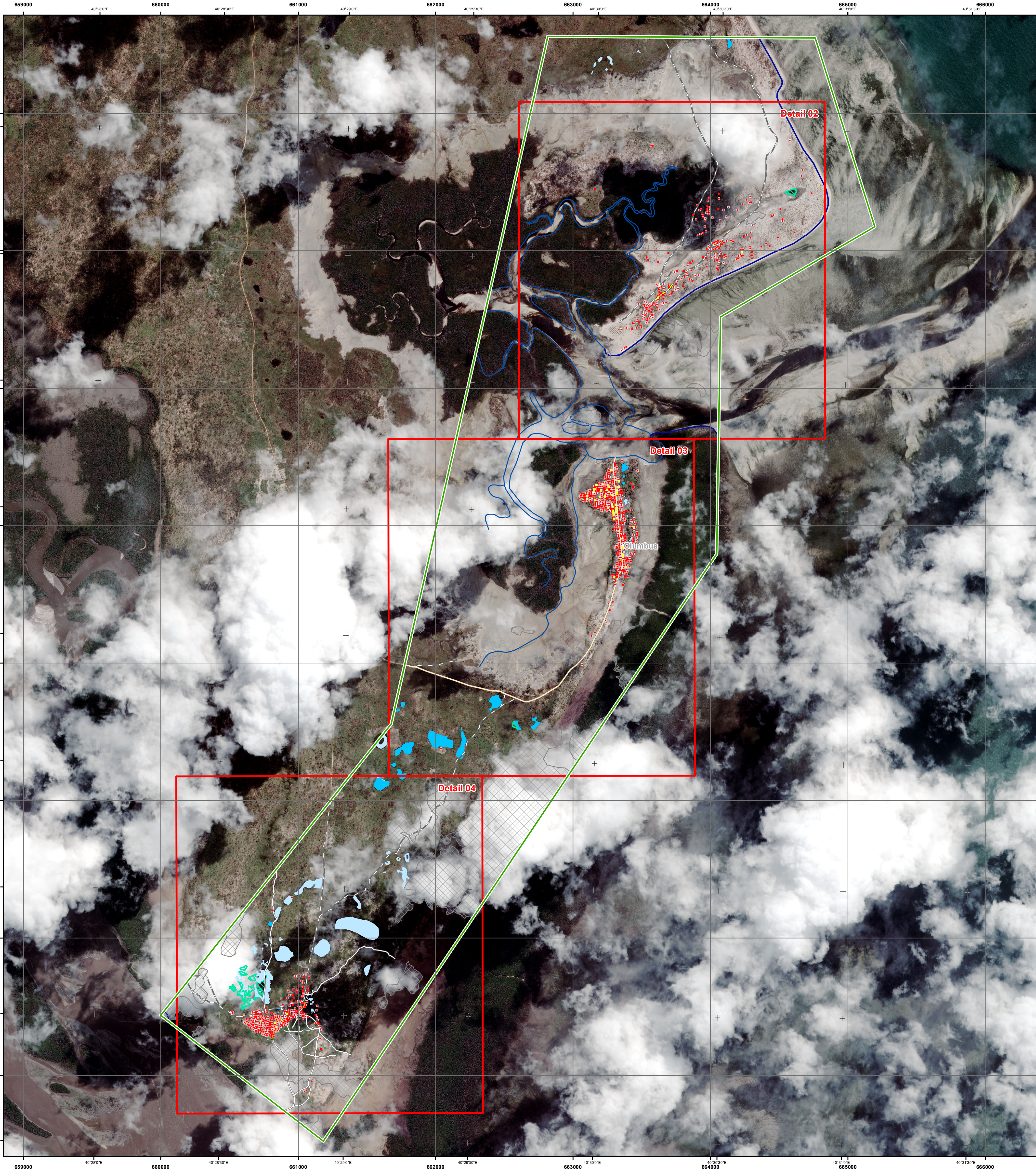
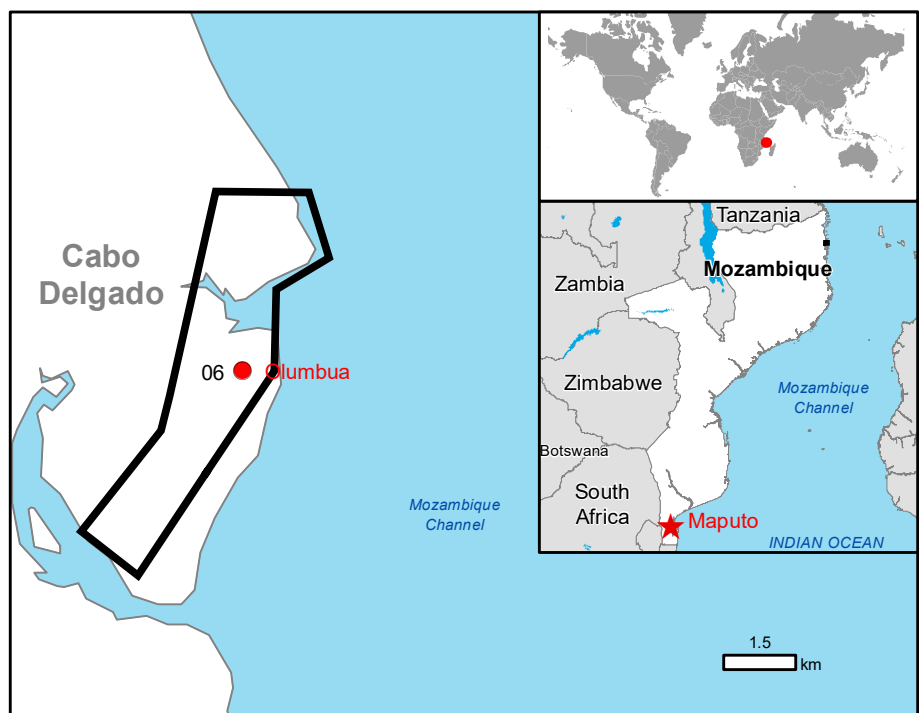
- Secondary Road
- Local Road
- Cart Track

Physiography & Land use - Land Cover

Features available in vector data

Legend

Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Flooded area	ha				6.1	
Flood trace	ha				2.2	
Estimated population	Number of inhabitants				NA	3948
Settlements	Residential	No. 921	3	54	978	NA
Transportation	Secondary Road	Km 0.0	0.0	0.0	0.0	3.0
	Local Road	Km 0.0	0.0	0.0	0.0	5.2
Transportation	Cart Track	km 0.0	0.3	0.1	0.4	12.9



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 damage grade assessment in the area of Olumbua (Mozambique). The thematic layer has been derived from two post-event images by means of visual interpretation. With respect to cloud cover, an area is classified as "Not analysed" where clouds are present in both post-event images, otherwise areas are analysed. The background image is from 05/05/2019. 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 © Digital Globe, Inc. (2017), (acquired on 22/08/2017 at 08:01 UTC, GSD 0.5 m, approx. 0% cloud coverage in Aoi, 25.0° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.
Post-event image: Pleiades-1A/B © CNES (2019), distributed by Airbus DS (acquired on 05/05/2019 at 07:43 UTC, GSD 0.5 m, approx. 30% cloud coverage in Aoi, 4.0° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Pleiades-1A/B © CNES (2019), distributed by Airbus DS (acquired on 04/05/2019 at 07:50 UTC, GSD 0.5 m, approx. 40% cloud coverage in Aoi, 19.0° 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-ghs-pop_gpw4_globe_r2015a
Digital Elevation Model: SRTM (30 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 e-GEOS released by e-GEOS (ODO).

For the latest version of this map and related products visit
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Relevant date records (UTC)

Event	26/04/2019 01:00	Situation as of	05/05/2019 07:43
Activation	26/04/2019 14:18	Map production	08/05/2019