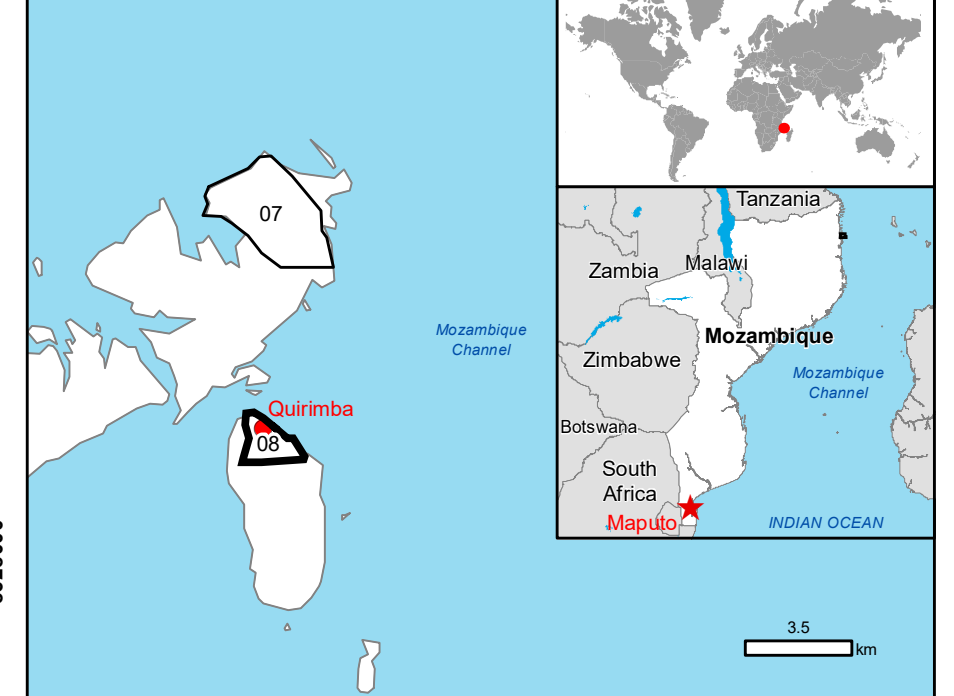


GLIDE number: TC-2019-000038-MOZ Activation ID: EMSR354  
Int. Charter call ID: 606 Product N.: 08QUIRIMBA, v1

## Quirimba - MOZAMBIQUE

### Storm - Situation as of 01/05/2019

#### Grading - Overview map 01



### Cartographic Information

1:3500 Full color A1, 200 dpi resolution

0 0.05 0.1 0.2 km

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

### Legend

- Crisis Information**
  - Flooded Area (01/05/2019 07:23 UTC)
  - Flood trace
- Built Up Grading**
  - Destroyed
  - Damaged
  - Possibly damaged
- Transportation Grading**
  - Road, Damaged
- General Information**
  - Area of Interest
- Sensor Metadata**
  - Not Analysed
- Placenames**
  - Placename
- Hydrography**
  - Island
- Transportation**
  - Cart Track

**Land use - Land Cover**  
Features available in vector data

**Physiography**  
Features available in vector data

Consequences within the AOI					
	Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected
Flooded area	ha				3.7
Flood trace	ha				0.4
Estimated population	Number of inhabitants				NA
Settlements	Residential	No.	233	319	35
					577
Transportation	Cart Track	km	0.0	0.1	0.0
					0.1

### 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 Quirimba (Mozambique). The thematic layer has been derived from post-event satellite image 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.

### Relevant date records (UTC)

Event	26/04/2019 01:00	Situation as of	01/05/2019 07:23
Activation	26/04/2019 14:18	Map production	01/05/2019

### Data sources

Pre-event image: WorldView-3 © Digital Globe, Inc. (2018), (acquired on 24/06/2018 at 07:51 UTC, GSD 0.5 m, approx. 0% cloud coverage in Aoi, 25° 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 01/05/2019 at 07:23 UTC, GSD 0.5 m, approx. 20% cloud coverage in Aoi, 35° 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](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 GAF AG released by SERTIT (ODO).

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