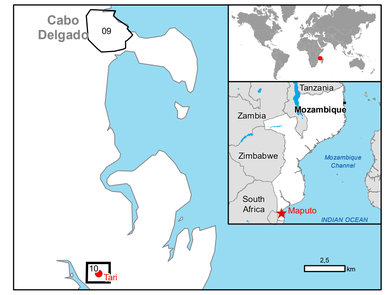
GLIDE number: TC-2019-000038-MOZ
Int. Charter call ID: 606

Activation ID: EMSR354
Product N.: 10TARI, v1

Tari - MOZAMBIQUE

Storm - Situation as of 03/05/2019

Grading - Overview map 01



Cartographic Information

1:2300

Full color A1, 200 dpi resolution

0 0,05 0,1 0,2 km

N

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

Legend

Crisis Information
- Flooded Area (03/05/2019 07:58 UTC)
- Flood trace

Built Up Grading
- Destroyed
- Damaged
- Possibly damaged

Transportation Grading
- Road, Possibly damaged

General Information
- Area of Interest

Placenames
- Placename

Hydrography
- Stream
- Lake
- Land Subject to Inundation

Transportation
- Local Road
- Cart Track

Physiography & Land use - Land Cover
Features available in vector data

Consequences within the AOI

	Unit of measurement		Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Flooded area	ha					0.7	
Flood trace	ha					1.3	
Estimated population	Number of inhabitants					N/A	1889
Settlements	Residential	No	14	3	18	35	N/A
Transportation	Cart Track	km	0.0	0.0	0.1	0.1	2.3
	No Driveway	km	0.0	0.0	0.2	0.2	5.4

Map Information

On 25 April, tropical cyclone KENNETH made landfall with Category 4 strength in Cabo Delgado province of northern Mozambique. Winds of more than 200 km/h hit several coastal towns. More than 200 000 people were affected by winds of more than 120 km/h. Apart from the damage caused by extreme winds, heavy rainfall in the aftermath resulted in severe and destructive flooding.

The present map shows the damage grade assessment (Grading maps) in the area of Tari (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	03/05/2019 07:58
Activation	26/04/2019 14:18	Map production	03/05/2019

Data sources

Pre-event image: WorldView-2 © Digitalglobe Digital Globe, Inc. (2018), (acquired on 26/08/2018 at 07:54 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 12.8° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.
Post-event image: Pléiades-1A © CNES (2019), distributed by Airbus DS (acquired on 03/05/2019 at 07:58 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 33° 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 (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 ITHACA released by e-GEOS (ODO).

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

jrc-ems-rapidmapping@ec.europa.eu

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