

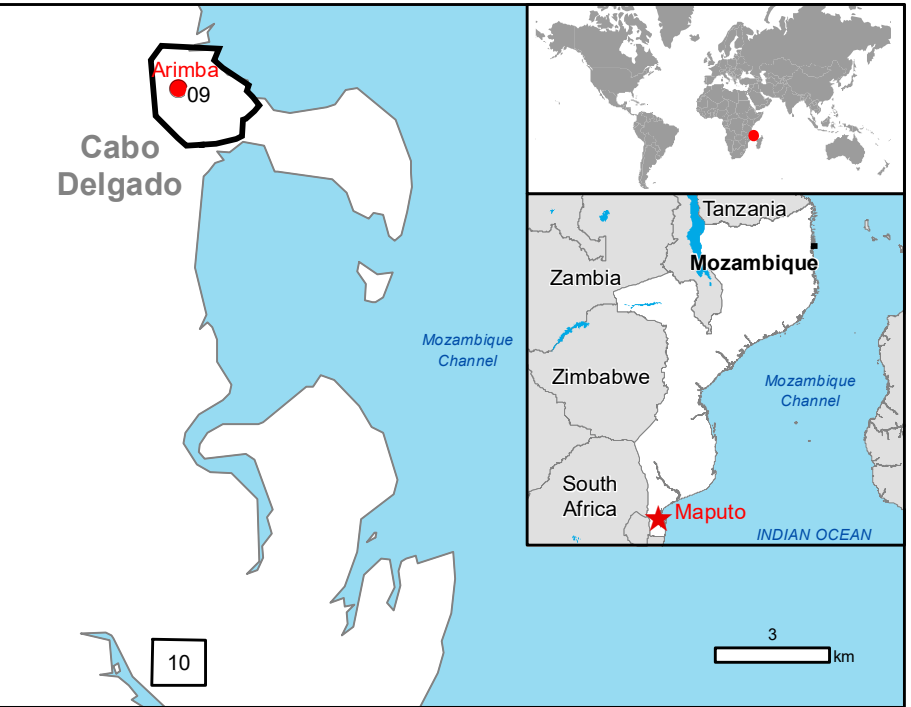


GLIDE number: TC-2019-000038-MOZ Activation ID: EMSR354
Int. Charter call ID: 606 Product N.: 09ARIMBA, v1

Arimba - MOZAMBIQUE

Storm - Situation as of 03/05/2019

Grading - Overview map 01



Cartographic Information

1:5000 Full color A1, 200 dpi resolution

0 0,1 0,2 0,4 km

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

Legend

Crisis Information	Sensor Metadata	Transportation
Flooded Area (03/05/2019 07:58 UTC)	Placenames Placename	Physiography & Land use - Land Cover Features available in vector data
Built Up Grading Destroyed Damaged Possibly damaged	Hydrography Coastline Stream Island Land Subject to Inundation River	Transportation Local Road Cart Track
Transportation Grading Road, Possibly damaged		
General Information Area of Interest		

Consequences within the AOI		Unit of measurement		Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Flooded area	ha						2,7	
Estimated population	Number of inhabitants						NA	70
Settlements	Residential	ha	4,0	29,0	60	93	NA	
Transportation	Cart Track	km	0,0	0,0	0,2	0,2	0,0	
	No Driveway	km	0,0	0,0	0,0	0,0	0,0	8,6

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 Arimba (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: Pleiades-1A © CNES (2019), distributed by Airbus DS (acquired on 03/05/2019 at 07:58 UTC, GSD 0.5 m, approx. 3.5% 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-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).

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