

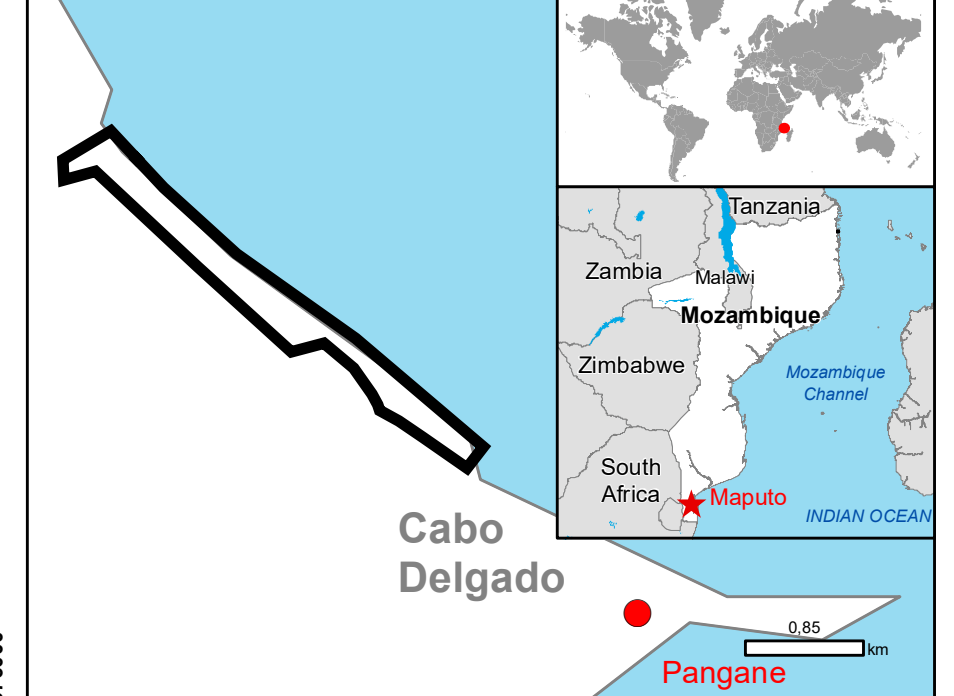


GLIDE number: TC-2019-000038-MOZ Activation ID: EMSR354
Int. Charter call ID: 606 Product N.: 17PANGANENORTH, v2

Pangane North- MOZAMBIQUE

Flood - Situation as of 01/05/2019

Grading - Overview map 01



Cartographic Information

1:5000 Full color A1, 200 dpi resolution

0 75 150 300 Meters

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

Legend

| | |
|--|----------------------------|
| Crisis Information | General Information |
| Flooded Area (01/05/2019 07:23 UTC) | Area of Interest |
| Built Up Grading | Hydrography |
| Damaged | Coastline |
| Transportation Grading | River |
| Road, Destroyed | Stream |
| Road, Damaged | Lake |
| 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 | | | | 6,7 |
| Estimated population | Number of inhabitants | | | | N/A / 120 |
| Settlements | Residential | No. | 0 | 74 | 2 |
| | | | | | 76 / 76 |
| | Local Road | km | 0,0 | 0,1 | 0,0 |
| Transportation | | | | | 0,1 / 0,1 |
| | Cart Track | km | 0,3 | 4,6 | 0,0 |
| | | | | | 4,9 / 4,9 |

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 flood in the area of Pangane North (Mozambique). The thematic layer has been derived from post-event satellite image using semi-automatic approach. 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 03:00 | Map production | 08/05/2019 |

Data sources

Pre-event image: WorldView-2 © Digital Globe, Inc. (2018), (acquired on 14/06/2018 at 07:37 UTC, GSD 0.5 m, approx. 0% cloud coverage in Aoi, 23.7° 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 01/05/2019 at 07:23 UTC, GSD 0.5 m, approx. 18% cloud coverage in Aoi, 35.2° 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, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer.

Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

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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