

MOZAMBIQUE

MAGANJA DA COSTA, MAQUIVAL & NAMACURRA DISTRICTS, ZAMBEZIA PROVINCE

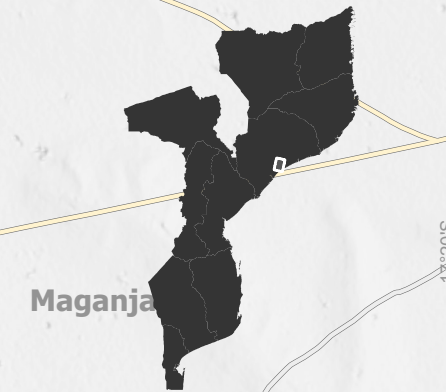
IMAGERY ANALYSIS: 15/03/2022 PUBLISHED 15/03/2022 V1.

ANALYSED AREA	FLOODS EXTENT	POPULATION POTENTIALLY EXPOSED
1485km ²	237km ²	22,620

District / Posto	Analyzed area [km ²]	Flood extent as of 15 Mar. 2022 [km ²]	Population in AOI	Population Potentially Exposed to Floods as of 15 Mar. 2022
Maganja Da Costa	559	61	45 092	4 677
Maganja	55	0	3 617	6
Nante	504	61	41 475	4 672
Maquival	11	1	1 264	98
Maquival	11	1	1 264	98
Namacurra	916	175	108 551	17 846
Macuze	546	136	68 104	14 429
Namacurra	370	39	40 447	3 416
Total	1 485	237	154 908	22 620



TROPICAL CYCLONE
TC20220311MOZ



Satellite detected water extents in Zambezia Province, Mozambique as of 15 March 2022

This map illustrates satellite-detected surface waters in Maganja da Costa, Moaquival and Namacurra Districts, Nampula Province, Mozambique as observed from a RCM-1 image acquired on 15 March 2022 at 05:10 local time. Within the analyzed area of about 1500 km², about 237 km² of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 22,600 people are potentially exposed or living close to flooded areas.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to United Nations Satellite Centre (UNOSAT).

Important note: Flood analysis from radar images may underestimate the presence of standing waters in built-up areas and densely vegetated areas due to backscattering properties of the radar signal.

Legend

- City / Town
- Village
- Primary road
- Secondary road
- Tertiary road
- District boundary
- Posto Boundary
- Analysis extent
- Reference water
- Satellite detected water [15 Mar. 2022]



Map Scale for A3: 1:140,000
0 0.75 1.5 3 KM

Spatial Reference
Name: WGS 1984 UTM Zone 37S
PCS: WGS 1984 UTM Zone 37S
GCS: GCS WGS 1984
Datum: WGS 1984
Projection: Transverse Mercator

Satellite Data (1): RCM-1
Imagery Date: 15 Mar. 2022 at 03:10 UTC
Resolution: 2 m
Copyright: RADARSAT Constellation Mission Image
Government of Canada (2022)
Source: Canadian Space Agency

Administrative boundaries: Mozambique INE (Instituto Nacional de Estatística)
Population data: WorldPop [2020]
Reference Water: ESA Land cover
Populated place: OpenStreetMap
Road data: OpenStreetMap
Waterways: OpenStreetMap

Background: ALOS Global DSM
Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)