

# MOZAMBIQUE

## MOSSURIL, MOGINCUAL & LIÚPO DISTRICTS, NAMPULA PROVINCE

IMAGERY ANALYSIS: 13/03/2022 PUBLISHED 14/03/2022 V1.

ANALYSED AREA

13,960km<sup>2</sup>

FLOODS EXTENT

109km<sup>2</sup>

POPULATION POTENTIALLY EXPOSED

11,750

District / Posto	Analyzed area [km2]	Flood extent as of 13 Mar. 2022 [km2]	Population in AOI	Population Potentially Exposed to Floods as of 13 Mar. 2022
Angoche	172	14	12,445	1,617
Ilha De Moçambique	181	11	71,329	2,136
Liúpo	1,426	10	157,341	1,879
Meconta	682	0	88,590	54
Memba	237	1	20,990	199
Mogincual	2,152	34	49,466	725
Monapo	3,476	4	449,446	680
Mossuril	3,381	27	144,835	2,325
Muecate	587	1	26,093	276
Nacala	319	2	292,277	665
Nacala-A-Velha	1,118	4	103,427	1,186
Nacaroa	233	-	15,778	-
Total	13,963	109	1,432,017	11,743



unitar

United Nations Institute for Training and Research

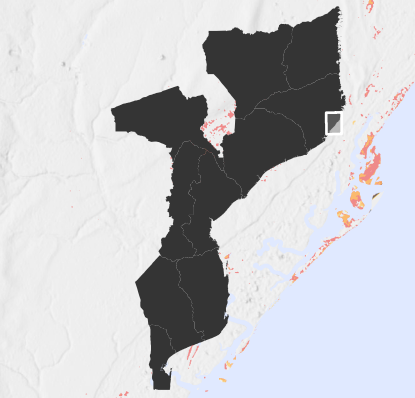


UNOSAT



TROPICAL CYCLONE

TC20220311MOZ



### Satellite detected water extents in Nampula Province, Mozambique as of 13 March 2022

This map illustrates satellite-detected surface waters in Mossuril, Mogincual and Liúpo Districts, Nampula Province, Mozambique as observed from a Sentinel-1 image acquired on 13 February 2022 at 17:44 local time. Within the analyzed area of about 14,000 km<sup>2</sup>, about 110 km<sup>2</sup> of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 12,000 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

Analysis extent

Reference water

Satellite detected water [12 Mar. 2022]

Satellite detected water [13 Mar. 2022]

