



UNOSAT Tropical Cyclone IDAI 19 Population and Settlement Exposure Analysis in Central of Mozambique

20 March 2019



Population and Building Exposure Analysis 20 March 2019

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Postal Address: UNITAR – UNOSAT, IEH Chemin des Anémones 11, CH-1219, Genève, Suisse The population exposure has been calculated using a 100m resolution WorldPoP dataset and Settlement from International Organization for Migration

This is a preliminary analysis & has not yet been validated in the field.

Mozambique Population and Settlement Exposed to Flood extent extracted from Sentinel-1 acquired on 20 March 2019

Province/District	Population			Settlement		
	Total	Affected*	Affected* (%)	Total	Affected*	Affected* (%)
Mozambique						
Sofala						
Buzi	196,690	116,956	59	210	81	39
Caia Chering	148,679	4,733	3	90	2	2
oma	54,208	11,556	21	95	15	16
Chibabava	132,667	1,359	1	380	4	1
Dondo	696,816	61,084	9	80	44	55
Gorongosa	158,026	30,837	20	120	17	14
Machanga	64,468	1,201	2	200	4	2
Maringue	94,980	6,947	7	90	14	16
Marromeu	164,737	55,703	34	88	11	13
Muanza	35,369	10,169	29	70	26	37
Nhamatanda	278,891	125,648	45	75	50	67
Zambezia						
Chinde	141,883	6,451	5	125	10	8
Total	2,167,414	432,645	20	1623	278	17

^{*}Population and settlement affected within the analysis extent.

Download full table excel here.

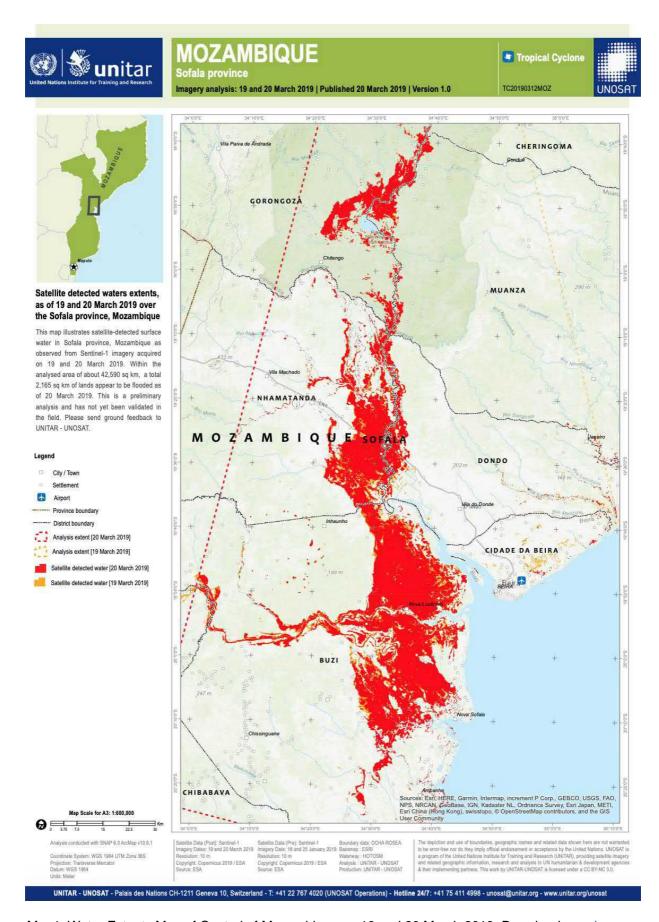
Sources:

Flood area: Copernicus ESA Sentinel-1 acquired on 20 March 2019 Administrative Levels: Global Administrative Areas (GADM)

Spatial Demographic Data: WorldPop (2015), 100 m spatial resolution

Settlement: International Organization for Migration (2015)

Analysis: UNITAR-UNOSAT (20/03/2019)



Map1: Water Extents Map of Central of Mozambique on 19 and 20 March 2019. Download map here.