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

18 March 2019

Population and Building Exposure Analysis
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Geneva, Switzerland

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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.

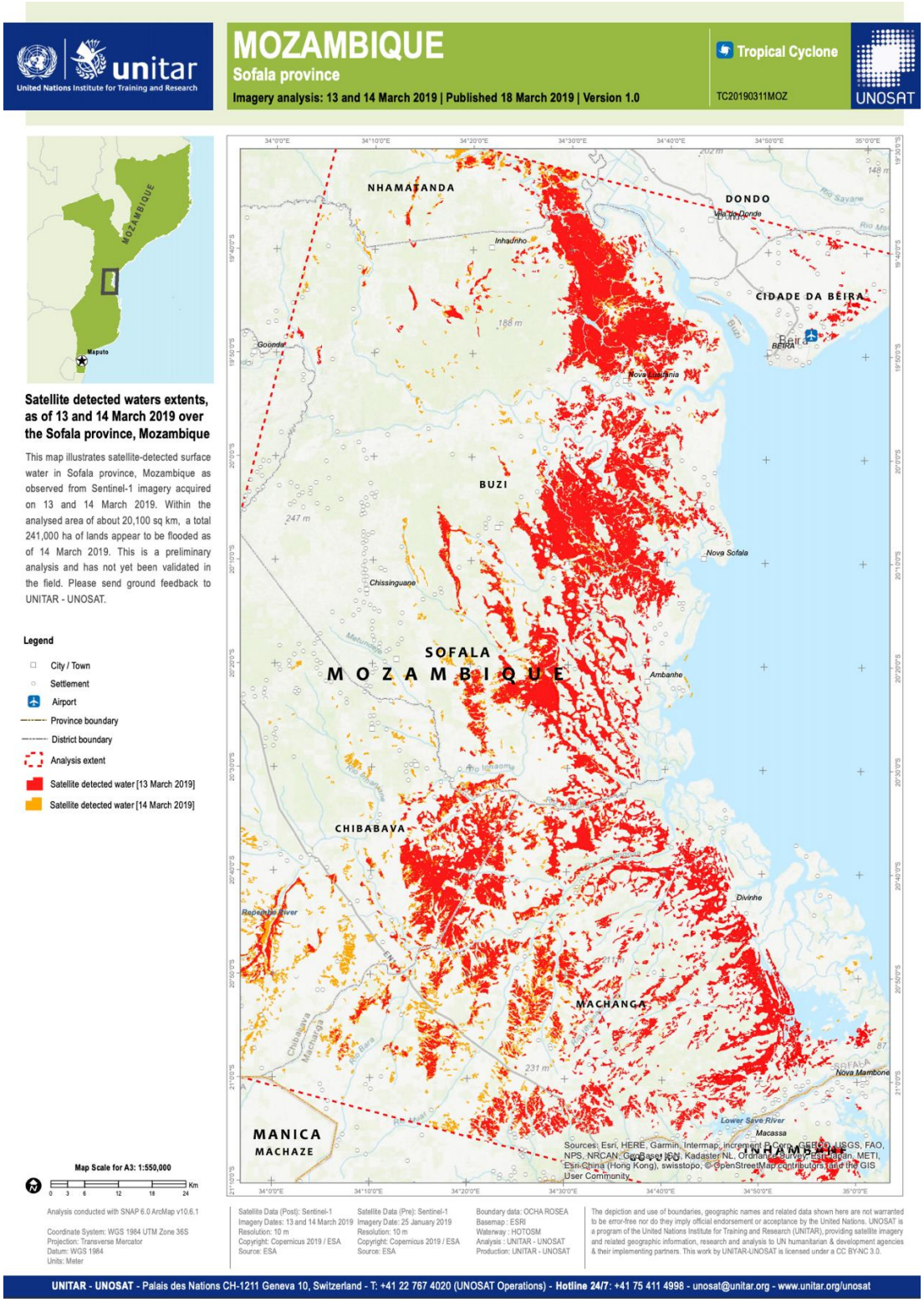
Mozambique Population and Settlement Exposed to Flood extracted from Sentinel-1 acquired on 14 March 2019

Province/District	Population		Settlement	
	Total	Affected*	Total	Affected*
Mozambique				
Inhambane				
Govuro	43,085	86	409	22
Manica				
Machaze	134,470	72	389	2
Sofala				
Buzi	196,690	27,341	205	98
Chibabava	132,666	6,546	380	80
Dondo	696,816	694	80	23
Machanga	64,467	10,464	198	77
Nhamatanda	278,891	15,182	79	45
Total	**1,547,085**	**60,385**	**1,740**	**347**

***** *Population and settlement affected within the analysis extent.*

Download full excel table from here.

Sources:
Flood area: Copernicus ESA Sentinel-1 acquired on 14 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 (18/03/2019)



Map1: Water Extents Map of Central of Mozambique on 14 March 2019. Download map here.