

MADAGASCAR

FARAFANGANA AND VANGAINDRANO DISTRICTS, ATSIMO ATSIANANANA REGION

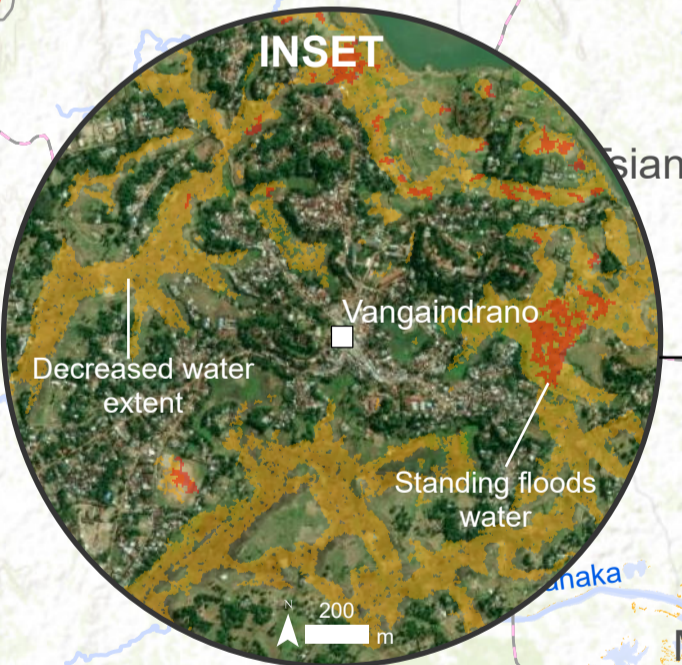
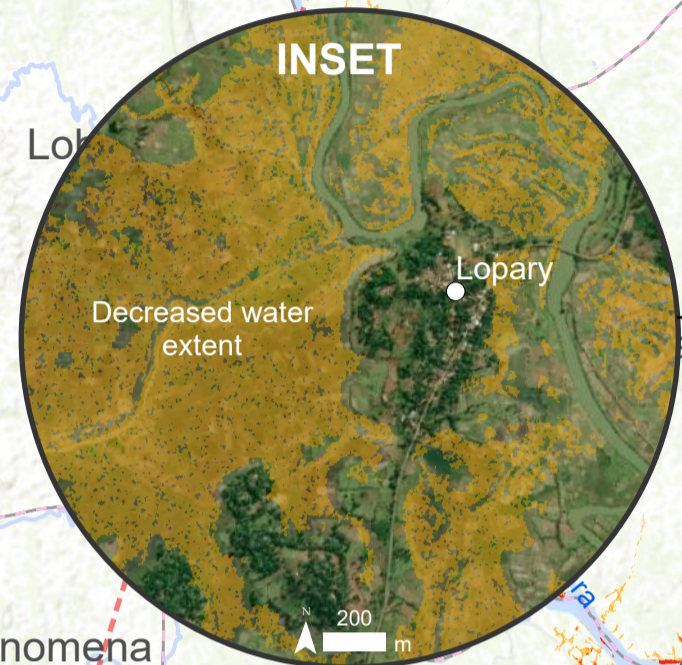
IMAGERY ANALYSIS: 15/02/2022 PUBLISHED 15/02/2022 V1.



TROPICAL CYCLONE
TC20220201MDG



<p>ANALYSED AREA</p> <p>1,700km²</p>	<p>FLOODS EXTENT [8 FEB 2022]</p> <p>84km²</p>	<p>FLOODS EXTENT [15 FEB 2022]</p> <p>5km²</p>
<p>POPULATION POTENTIALLY EXPOSED [8 FEB 2022]</p> <p>17,800</p>	<p>POPULATION POTENTIALLY EXPOSED [15 FEB 2022]</p> <p>900</p>	



Satellite detected water extents in Farafangana and Vangaindrano districts, Atsimo Atsinanana region, Madagascar as of 15 February 2022

This map illustrates satellite-detected surface waters in Farafangana and Vangaindrano districts, Atsimo Atsinanana region, Madagascar as observed from Sentinel-1 image acquired of 15 February 2022 at 05:12 local time. Within the analyzed area of about 1,700 km², about 5 km² of lands appear to be flooded. The water extent appears to have decreased of about 80 km² since 8 February 2022. Based on Worldpop population data and the detected surface waters, about 900 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 UNITAR-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

- Airport
- City/Town
- Village
- Analysis extent
- District boundary
- Commune boundary
- Secondary road
- Tertiary road
- Other road
- River
- Reference water
- Satellite detect water [8 Feb 2022]
- Satellite detect water [15 Feb 2022]

