

# MADAGASCAR

## FARAFANGANA AND VANGAINDRANO DISTRICTS, ATSIMO ATSIANANA REGION

IMAGERY ANALYSIS: 08/02/2022 PUBLISHED 14/02/2022 V1.



**TROPICAL CYCLONE**  
TC20220201MDG



**Satellite detected water extents in Farafangana and Vangaindrano districts, Atsimo Atsinanana region, Madagascar as of 8 February 2022**

This map illustrates satellite-detected surface waters in Farafangana and Vangaindrano districts, Atsimo Atsinanana region, Madagascar as observed from RCM-3 images acquired on 8 February 2022 at 05:15 local time. Within the analyzed area of 1,700 km<sup>2</sup>, a total of about 80 km<sup>2</sup> of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 17,800 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

- 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]

ANALYSED AREA: 1,700km<sup>2</sup>  
 FLOODS EXTENT: 84km<sup>2</sup>  
 POPULATION POTENTIALLY EXPOSED: 17,800

