

MADAGASCAR

MIDONGY-ATSIMO DISTRICT, ATSIMO ATSIINANANA REGION

IMAGERY ANALYSIS: 8 FEB 2022 PUBLISHED 11 FEB 2022 V1.



<p>ANALYSED AREA 2,400km²</p>	<p>FLOODS EXTENT 150km²</p>	<p>POTENTIALLY AFFECTED CROPLAND 2km²</p>	<p>POPULATION POTENTIALLY EXPOSED 6,200</p>
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TROPICAL CYCLONE
TC20220201MDG



Satellite detected water extents in Midongy-Atsimo district, Atsimo Atsinanana region, Madagascar as of 8 February 2022

This map illustrates satellite-detected surface waters in Midongy-Atsimo district, Atsimo Atsinanana region, Madagascar as of 8 February 2022 at 05:21 local time. The flood analysis were carried out by using an automated analysis with Artificial Intelligence based methods.

Within the analyzed area of about 2,400 km², ~150 km² of lands appear to be flooded and about 2 km² of croplands appear to be likely affected by the flood waters. Based on Worldpop population data and the detected surface waters in the analyzed area, the potentially exposed population is about 6,200 people 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

- River
- Region boundary
- District boundary
- Commune boundary
- Analysis extent
- Reference water
- Satellite detect water [8 Feb 2022]
- Affected cropland

