This map illustrates satellite-detected water via VIIRS-NOAA on the center and the northern part of the Republic of Madagascar between the 29 January and the 02 February 2020. Within the analysed extent not covered by clouds, a total of about 9,718 km² appear to be flooded, of which about 2,309 km² and 851 km² in Boeny and Alaotra-Mangoro region respectively. Based on Worldpop population data and the detected surface waters, about 1,400,000 people are potentially exposed or living close to flooded areas. In Boeny and Alaotra-Mangoro regions, respectively 144,000 and 70,000 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.

Legend
- Capital city
- City
- Primary road
- Secondary road
- Cloud cover [29 January - 02 February 2020]
- Permanent water [29 January - 02 February 2020]
- Satellite detected water [29 January - 02 February 2020]

Analysis conducted with ArcGIS v10.4.1
Coordinate System: WGS 1984 UTM Zone 38S
Projection: Transverse Mercator
Datum: WGS 1984
Resolution: 375m

Map Scale for A3: 1:3,500,000