MOZAMBIQUE

Sofala province

Imagery analysis: 19 and 20 March 2019 | Published 20 March 2019 | Version 1.0

Tropical Cyclone

TC20190312MOZ

unitar — United Nations Institute for Training and Research

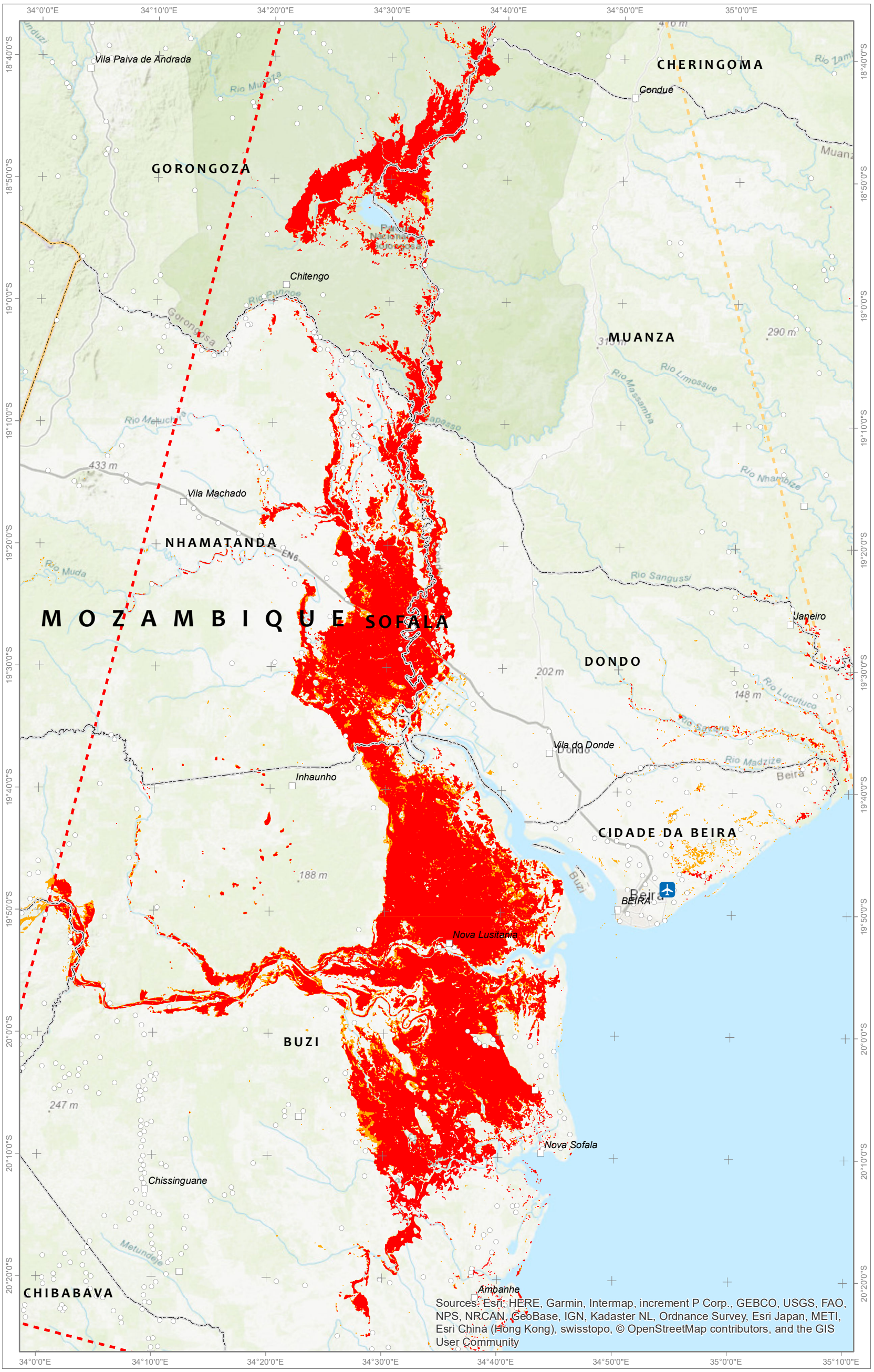
UNOSAT

Satellite detected waters extents, as of 19 and 20 March 2019 over the Sofala province, Mozambique

This map illustrates satellite-detected surface water in Sofala province, Mozambique as observed from Sentinel-1 imagery acquired on 19 and 20 March 2019. Within the analysed area of about 42,590 sq km, a total 2,165 sq km of lands appear to be flooded as of 20 March 2019. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend

- City / Town
- Settlement
- Airport
- Province boundary
- District boundary
- Analysis extent [20 March 2019]
- Analysis extent [19 March 2019]
- Satellite detected water [20 March 2019]
- Satellite detected water [19 March 2019]



Map Scale for A3: 1:600,000

0 3.75 7.5 15 22.5 30 Km

Analysis conducted with SNAP 6.0 ArcMap v10.6.1

Coordinate System: WGS 1984 UTM Zone 36S
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Satellite Data (Post): Sentinel-1
Imagery Dates: 19 and 20 March 2019
Resolution: 10 m
Copyright: Copernicus 2019 / ESA
Source: ESA

Satellite Data (Pre): Sentinel-1
Imagery Date: 18 and 25 January 2019
Resolution: 10 m
Copyright: Copernicus 2019 / ESA
Source: ESA

Boundary data: OCHA ROSEA
Basemap : ESRI
Waterway : HOTOSM
Analysis : UNITAR - UNOSAT
Production: UNITAR - UNOSAT

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