TROPICAL CYCLONE GOMBE-22
PRELIMINARY SATELLITE-DERIVED
FLOOD ASSESSMENT

Mogincual District, Nampula Province, Mozambique

Status: Decreasing flood waters observed

Further action(s): Continue monitoring
AOI1-NAMIGE POSTO, MOGINCUAL DISTRICT, NAMPULA PROVINCE

Flood waters along the Mogincual river and inundated road

Sentinel-2 image acquired on 15 March 2022
Image Center: 40°14'28.233"E 15°30'20.303"S

Standing flood waters

See inset for close view

Decreasing flood waters

Nampula Province
Receding flood waters along the river

AOI1-NAMIGE POSTO, MOGINCUAL DISTRICT, NAMPULA PROVINCE

Image center: 40°15'46.126"E
15°30'40.779"S

Flood waters

Sentinel-2 / 13 Mar. 2022

Decreasing flood waters

Sentinel-2 / 15 Mar. 2022
SUMMARY OF FINDINGS

- Decreasing flood waters observed along the Mogincual river in Namige Posto, Mogincual District, Nampula Province as of 15 March 2022.
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Data sources:

(1) Satellite Image (Post-event)
Satellite: Sentinel-2B at 07:16 UTC
Imagery Date: 13 March 2022

Satellite: Sentinel-2A at 07:32 UTC
Imagery Date: 15 March 2022

Resolution: 10 m
Copyright: Contains modified Copernicus Sentinel Data [2022]
Source: ESA

(3) Ancillary data
Administrative boundaries: Mozambique INE (Instituto Nacional de Estatistica)
http://www.ine.gov.mz/ Census 2007 data from WFP Geonode, cleaned by UN OCHA ROSEA . Maputo City districts added from SALB boundaries by OCHA

Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)
- Inundated area, Inundated road
- Affected structure, Affected shoreline,
- Washed away settlement
- Ash deposit covering entire island
- Affected Vegetation