


18 March 2024

PRELIMINARY SATELLITE-DERIVED FLOOD IMPACT ASSESSMENT



Vilankulos Town, Vilankulo District, Inhambane Province
and Beira City, Cidade Da Beira District, Sofala Province Mozambique


 Status: Standing flood water observed in Beira City, Cidade Da Beira District, Sofala Province

 Further action(s): Continue monitoring

Mozambique



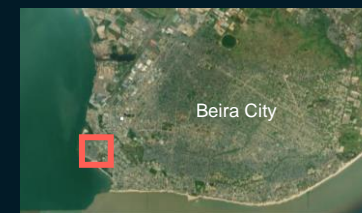
Tripoli

 Area of interest

AOI 1-1: BEIRA CITY, CIDADE DA BEIRA DISTRICT, SOFALA PROVINCE

Flooded structures observed

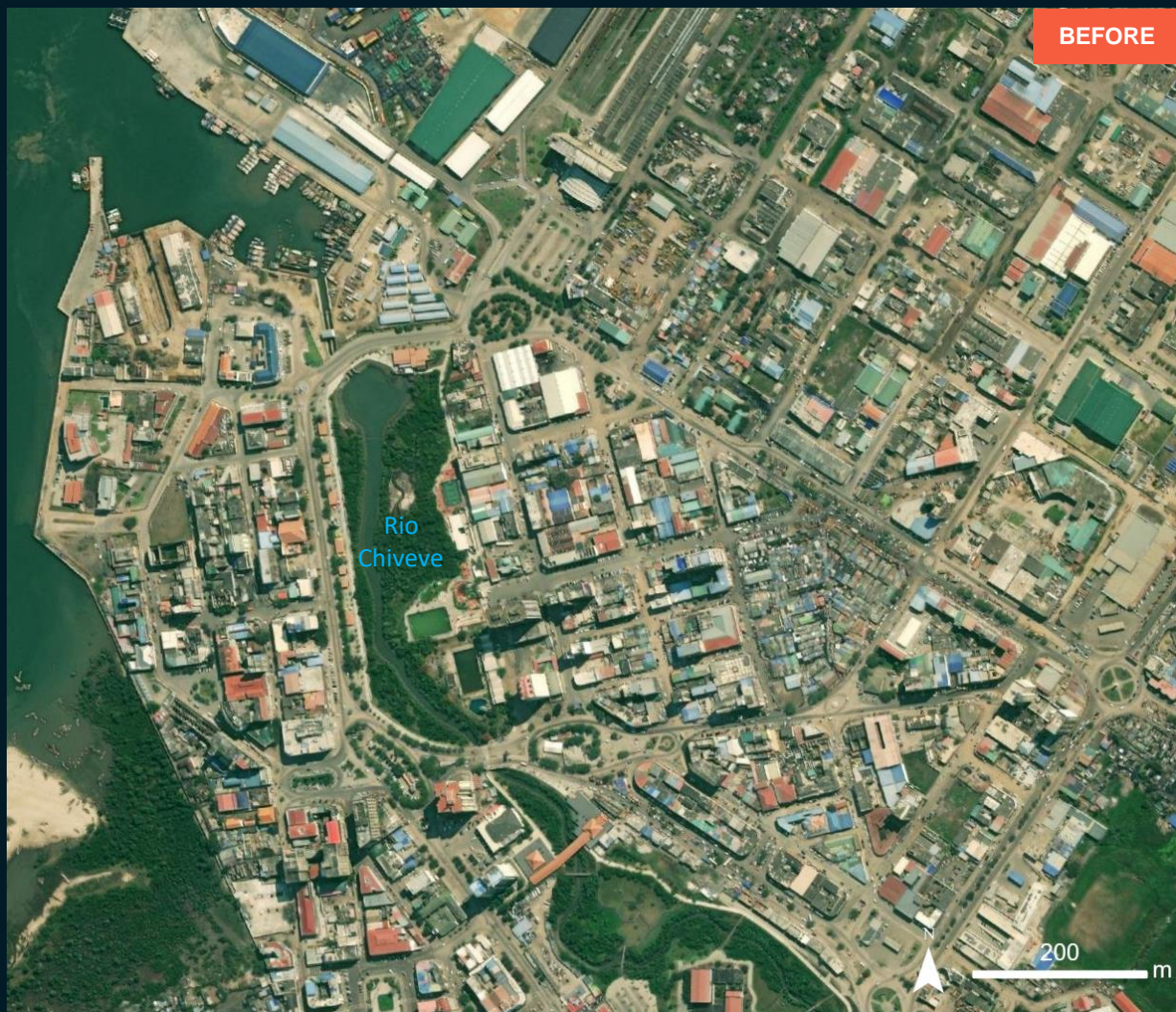
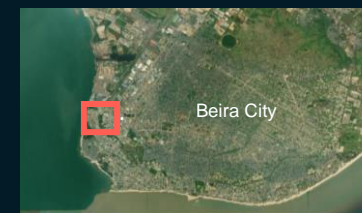
Image center:
19°50'09"S
34°49'59"E



AOI 1-2: BEIRA CITY, CIDADE DA BEIRA DISTRICT, SOFALA PROVINCE

No major flood and no major damage could be observed

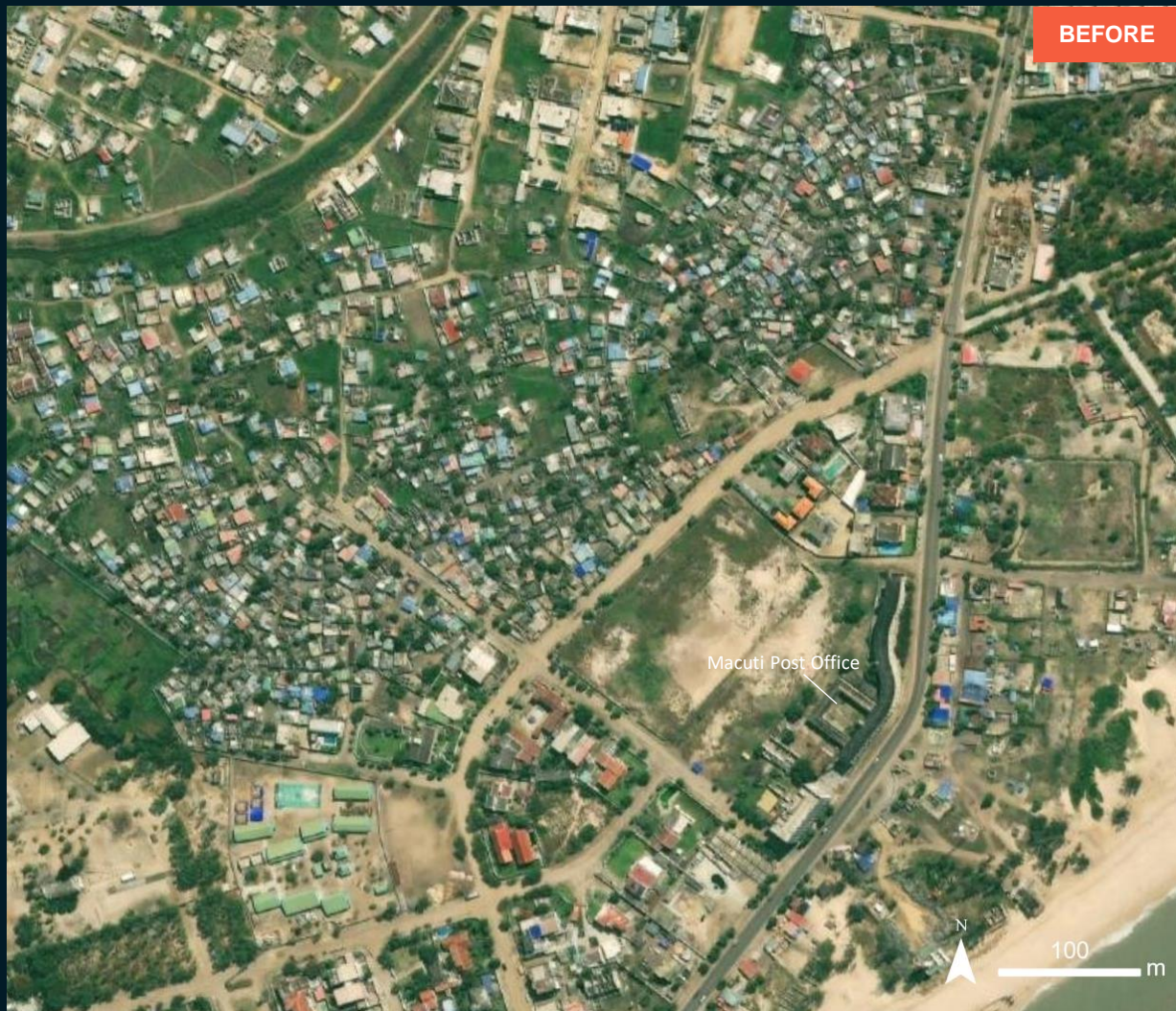
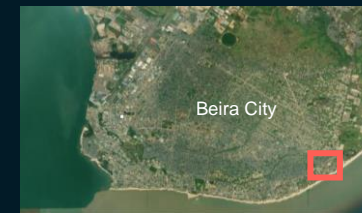
Image center:
19°49'49"S
34°50'19"E



AOI 1-3: BEIRA CITY, CIDADE DA BEIRA DISTRICT, SOFALA PROVINCE

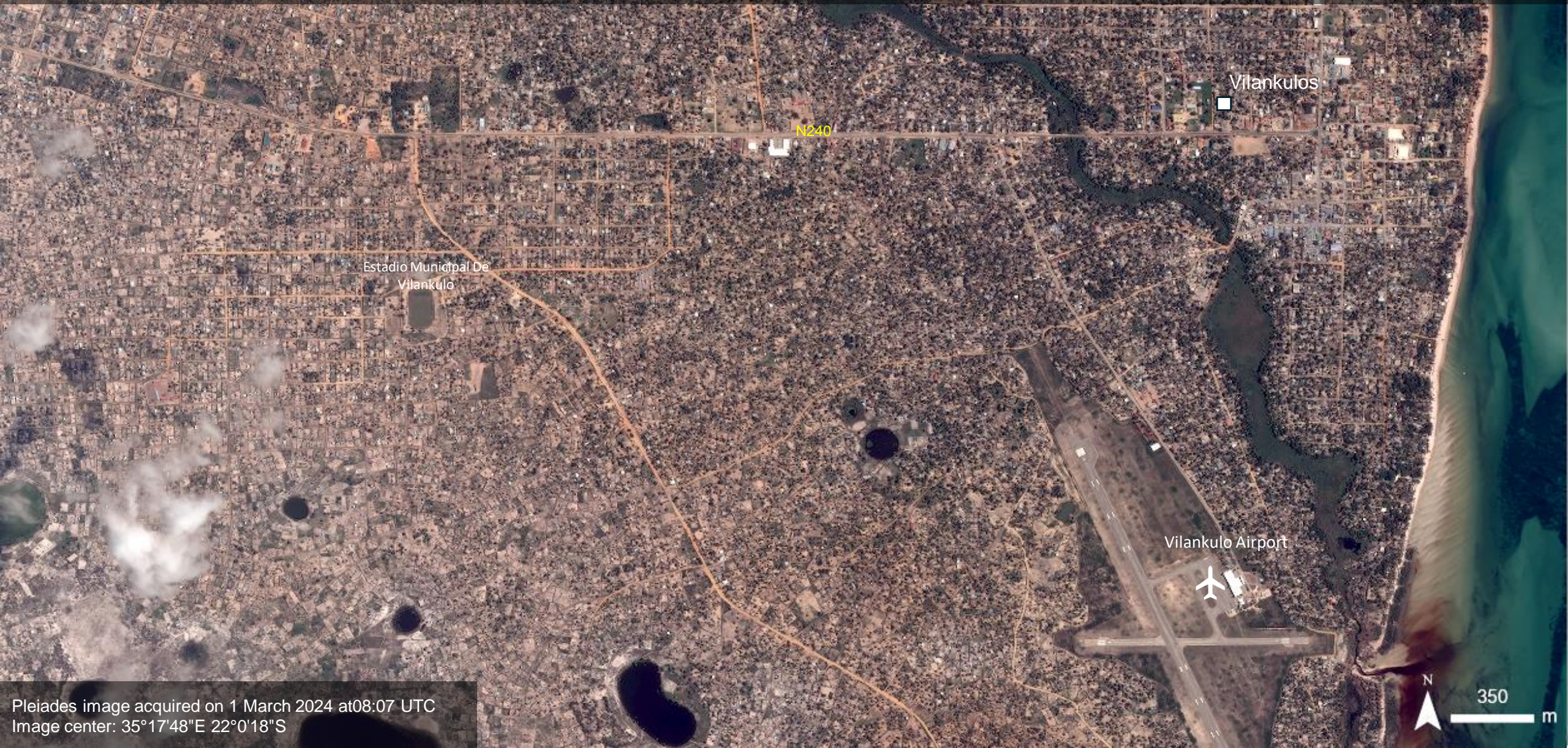
No major floods and no major structural damage could be observed

Image center:
19°50'26"S
34°53'50"E



AOI 2 : VILANKULOS TOWN, VILANKULO DISRICT, INHAMBANE PROVINCE

No major floods observed



Vilankulos

N240

Estadio Municipal De
Vilankulo

Vilankulo Airport

N

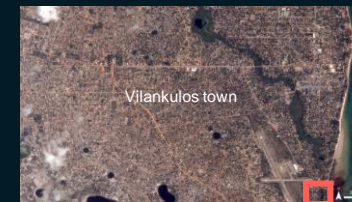
350
m

Pleiades image acquired on 1 March 2024 at 08:07 UTC
Image center: 35°17'48"E 22°0'18"S

AOI 2-1: VILANKULOS TOWN, VILANKULO DISTRICT, INHAMBANE PROVINCE

No major flood and no major structural could be damage observed

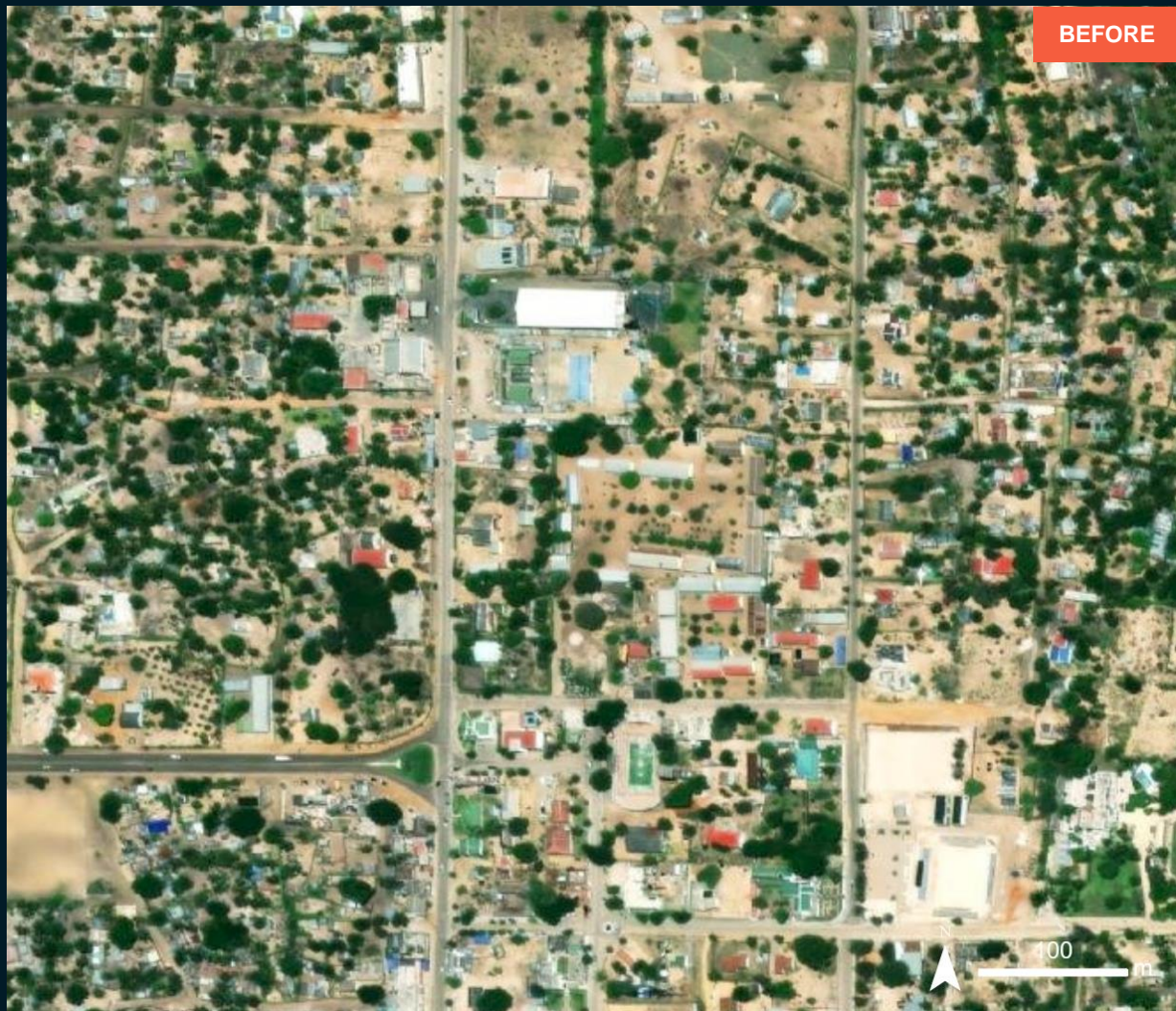
Image center:
35°19'10"E
22°1'18"S



AOI 2-2 VILANKULOS TOWN, VILANKULO DISRICT, INHAMBANE PROVINCE

No major flood and no major structural damage could be observed

Image center:
XXXXXXX



SUMMARY OF FINDINGS

- Flooded structures were observed in Beira City, Cidade Da Beira District, Sofala Province, as of March 17, 2024.
- No major damage has been observed in Beira City, Cidade Da Beira District, Sofala Province, as of March 17, 2024.
- No major flooding and no major structural damage has been observed in Vilankulos Town, Vilankulo District, Inhambane Province, as of March 17, 2024.

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Data sources:

(1) Satellite Data (Post): Pleiades
Imagery Dates: 17 March 2024
Resolution: 50 cm
Copyright: © CNES 2024
Source: Airbus Defence and Space

(2) ESRI Basemap

(3) Ancillary data

Boundary data: Mozambique INE (Instituto Nacional de Estatística)
<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.

Waterways: OpenStreetMap
Populated place: OpenStreetMap

Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)

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