


16 March 2023




PRELIMINARY SATELLITE- FLOOD ASSESSMENT REPORT

Lagoa Bambene and Surrounding,
Guija District, Gaza Province, Mozambique

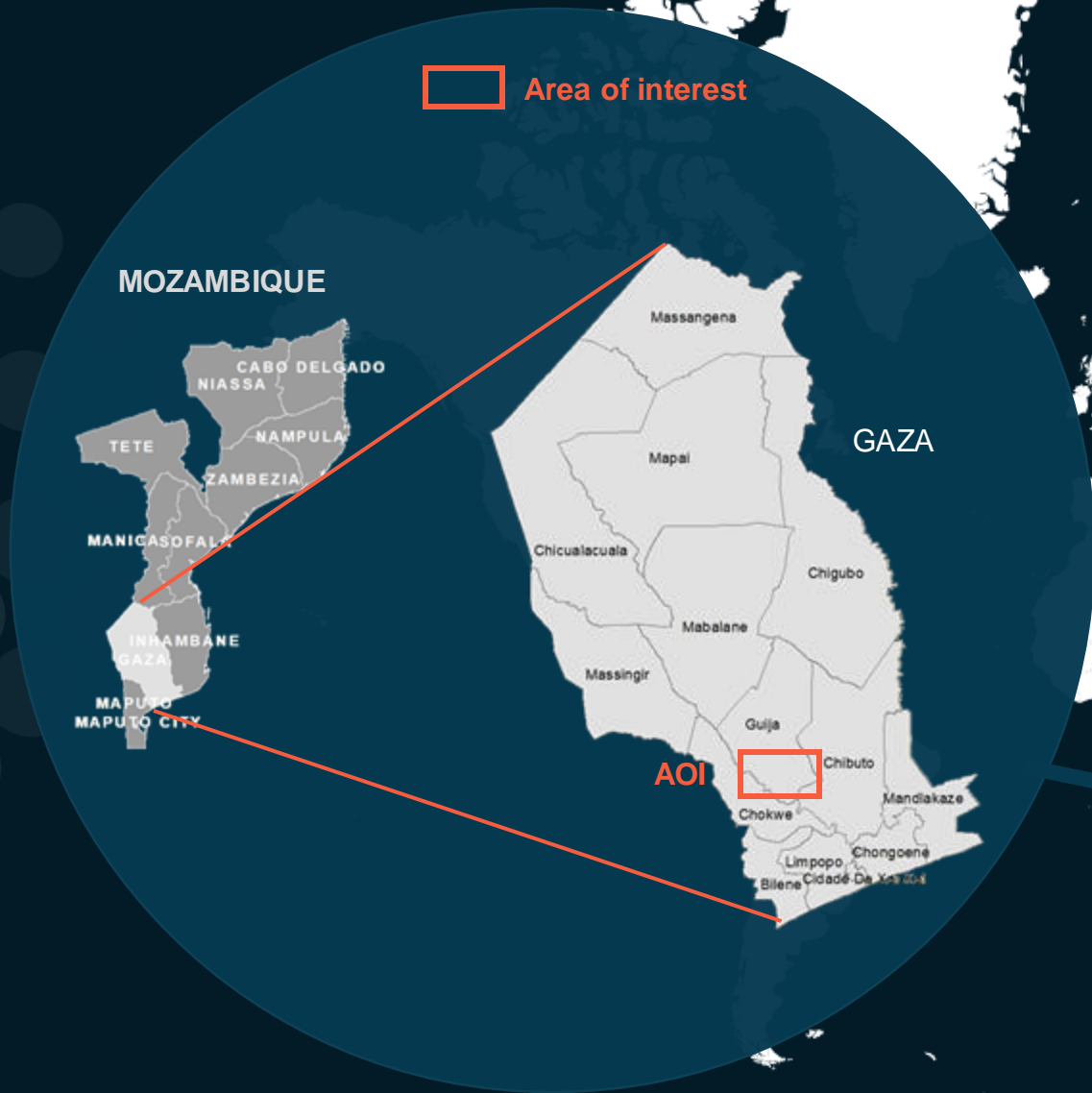


 Status: Increased water and decreased water extent observed

 Further action(s): continue monitoring



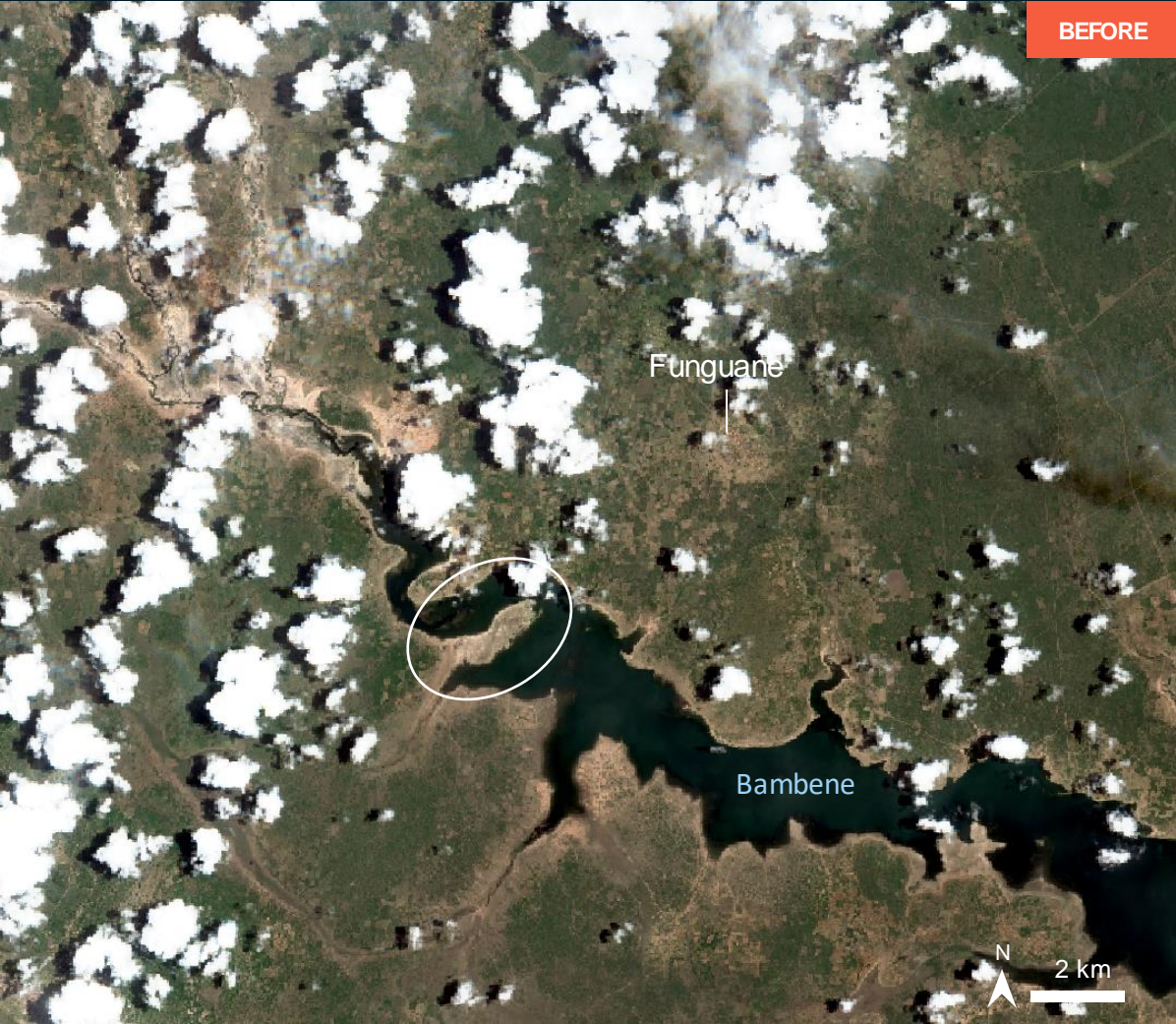
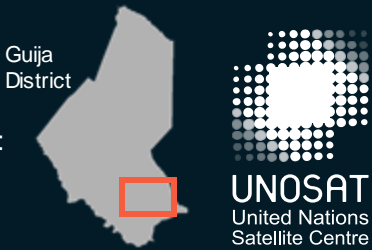
MOZAMBIQUE



AOI1-LAGOA BAMBENE AND SURROUNDING, GUIJA DISTRICT, GAZA PROVINCE

Increasing water extent observed

Image center:
33°15'8"E
24°25'28"S



Sentinel-2 / 16 Dec. 2022





Sentinel-2 / 09 Mar. 2023

AOI1-1 LAGOA BAMBENE AND SURROUNDING, GUIJA DISTRICT, GAZA PROVINCE

Increasing water extent and potentially affected road observed

Guja District

Image center:
33°14'31"E
24°27'41"S





Sentinel-2 / 16 Dec. 2022

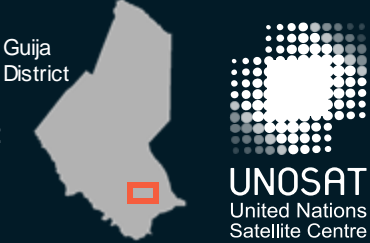


Sentinel-2 / 09 Mar. 2023

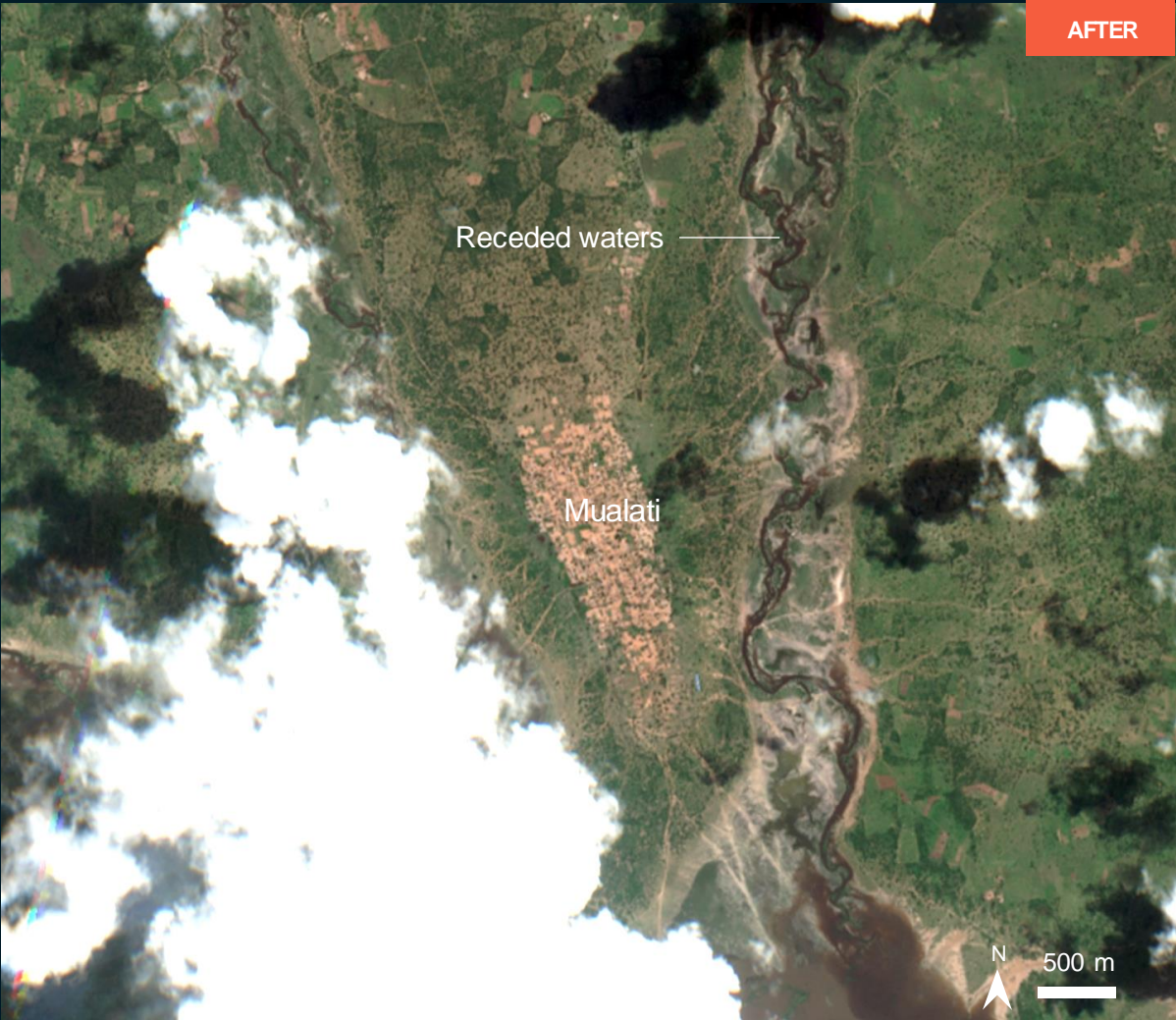
AOI1-2 MUALATI SETTLEMENT, GUIJA DISTRICT, GAZA PROVINCE

Decreasing water extent along the water way, no visible affected structure

Image center:
33°10'10"E
24°22'30"S



Sentinel-2 / 09 Mar. 2022



Sentinel-2 / 14 Mar. 2023

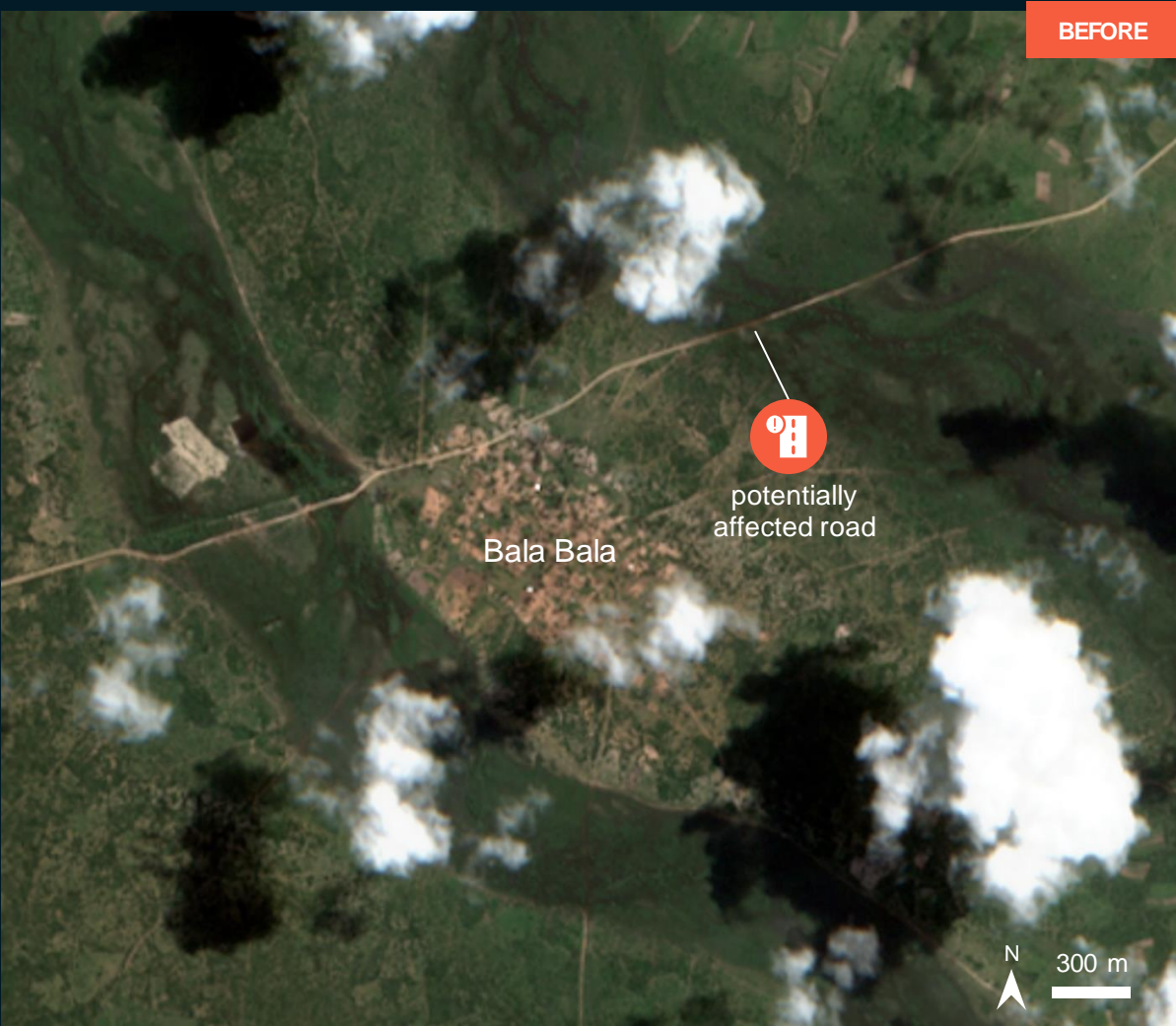
AOI1-2 BALA BALA SETTLEMENT, GUIJA DISTRICT, GAZA PROVINCE

Decreasing water extent along the water way, no visible affected structure

Image center:
33°6'11"E
24°16'48"S

Guja District





Sentinel-2 / 09 Mar. 2022



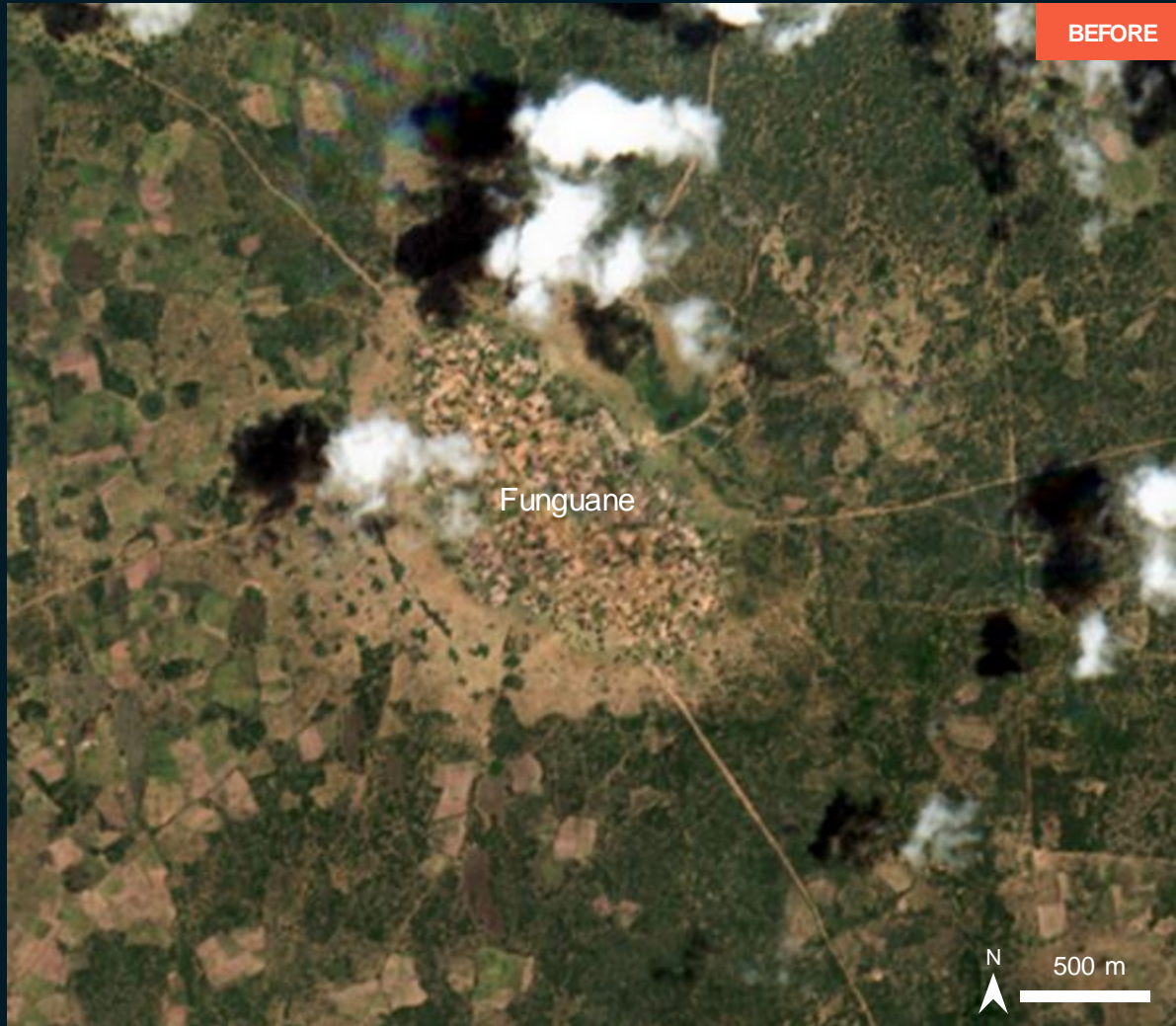
Sentinel-2 / 14 Mar. 2023

AOI1-3 FUNGUANE SETTLEMENT, GUIJA DISTRICT, GAZA PROVINCE

No visible flood waters

Guja
District

Image center:
33°17'23"E
24°24'39"S



Sentinel-2 / 09 Dec. 2022



Sentinel-2 / 14 Mar. 2023

SUMMARY OF FINDINGS

- Increasing water extent of Lagoa Bambene, Guija District, Gaza Province observed as of 9 Mar. 2023;
- Potentially affected roads/trails observed around Lagoa Bambene, Guija District, Gaza Province as of 9 Mar. 2023;
- Decreasing water extent observed along the waterway near Mualati settlement, Guija District, Gaza Province as of 14 Mar. 2023;
- Decreasing water extent observed along the waterway near Bala Bala settlement, Guija District, Gaza Province as of 14 Mar. 2023;
- No visible flood water and no visible affected structure observed in Funguane settlement, Guija District, Gaza Province as of 14 Mar. 2023;

NOTE: This is a preliminary analysis and has not yet been validated in the field.

COPYRIGHTS AND SOURCES

Data sources:

(1) Satellite Image (Post-event)

Satellite : Sentinel-2

Acquisition date : 9 and 14 March 2023

Resolution: 10 m

Copyright: Contains modified Copernicus Sentinel data [2022]

Source: ESA

(2) Satellite Image (Pre-event)

Satellite : Sentinel-2

Acquisition date : 16 December 2022

Resolution: 10 m

Copyright: Contains modified Copernicus Sentinel data [2022]

Source: ESA

(3) Ancillary data

Administrative boundaries: Secretariat of the Pacific Community (SPC), Statistics for Development Division and OCHA Office of the Pacific Islands

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)

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