


18 December 2024

PRELIMINARY SATELLITE-DERIVED DAMAGE ASSESSMENT



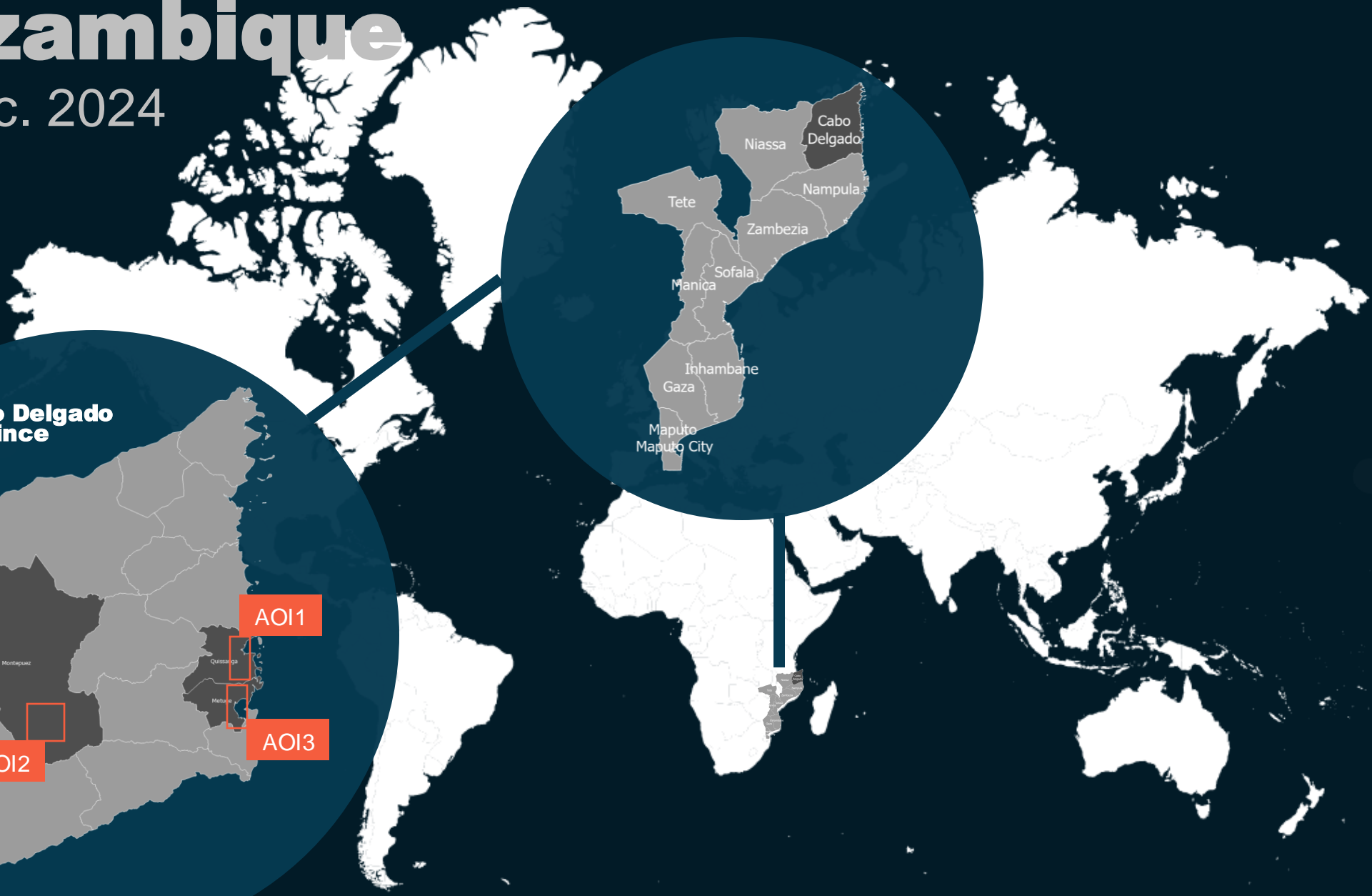
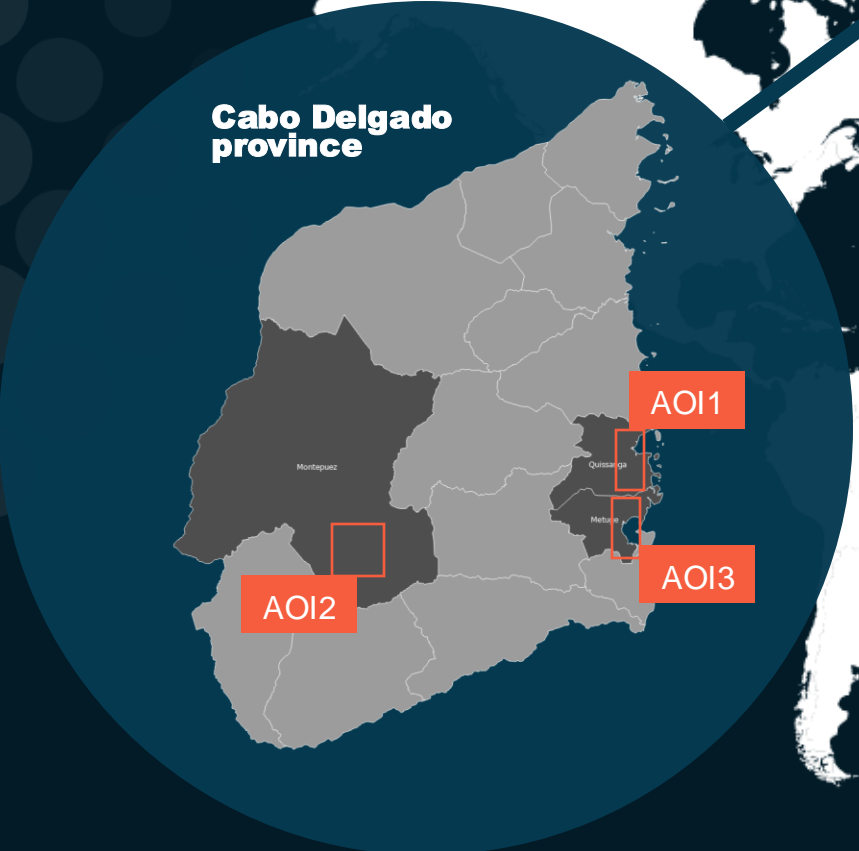
Quissanga, Montepuez & Metuge Districts,
Cabo Delgado Province, Mozambique

 Status: No major visible damage

 Further action(s): continue monitoring

Mozambique

18 Dec. 2024



AOI 1 – 1: Mahate Posto, Quissanga District, Cabo Delgado Province

No major visible damage

Image center:
12°43'02"S
40°34'32"E



BEFORE

SITU village



WorldView-2 / 21 October 2021



AFTER

SITU village



Pleiades / 16 December 2024

AOI 1 – 2: Mahate Posto, Quissanga District, Cabo Delgado Province

No major visible damage

Image center:
12°38'10"S
40°33'50"E



Pleiades / 15 November 2024

Pleiades / 16 December 2024

AOI 2: Montepuez Posto, Montepuez District, Cabo Delgado Province

No major visible damage

Montepuez



530 m

Pleiades image acquired on 17 December 2024, 07:51 UTC
Image Center : 39°01'12"E 13°07'51"N

AOI 2 – 1: Montepuez Posto, Montepuez District, Cabo Delgado Province

No major visible damage

Image center:
13°08'15"S
38°59'59"E



WorldView-3 / 07 November 2022



Pleiades / 17 December 2024

AOI 2 – 2: Montepuez Posto, Montepuez District, Cabo Delgado Province

No major visible damage

Image center:
13°07'34"S
39°01'34"E



WorldView-3 / 07 November 2022

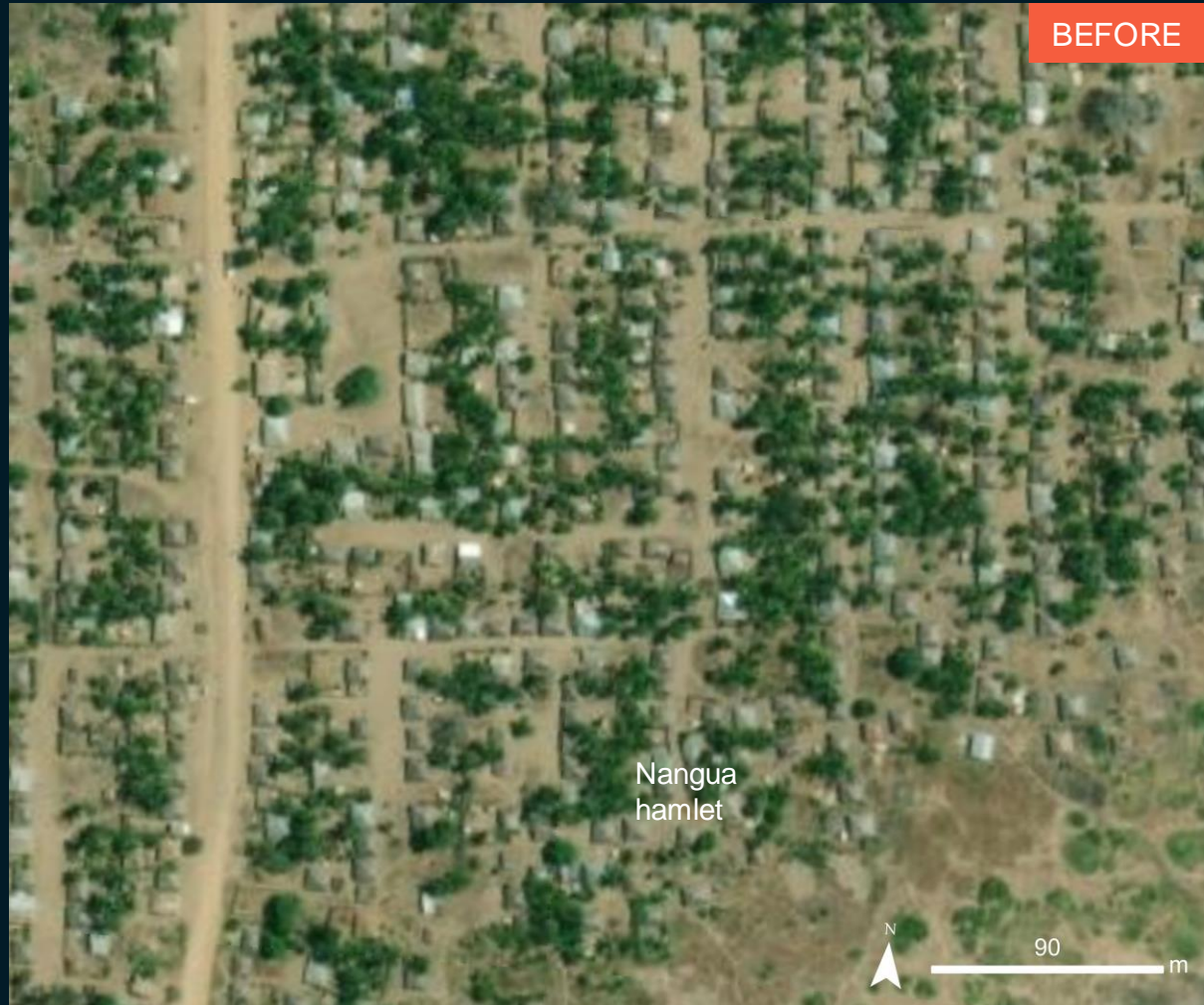
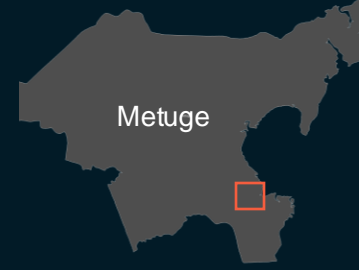


Pleiades / 17 December 2024

AOI 3 – 1: Metuge Posto, Metuge District, Cabo Delgado Province

No major visible damage

Image center:
13°00'39"S
40°23'19"E



BEFORE



AFTER

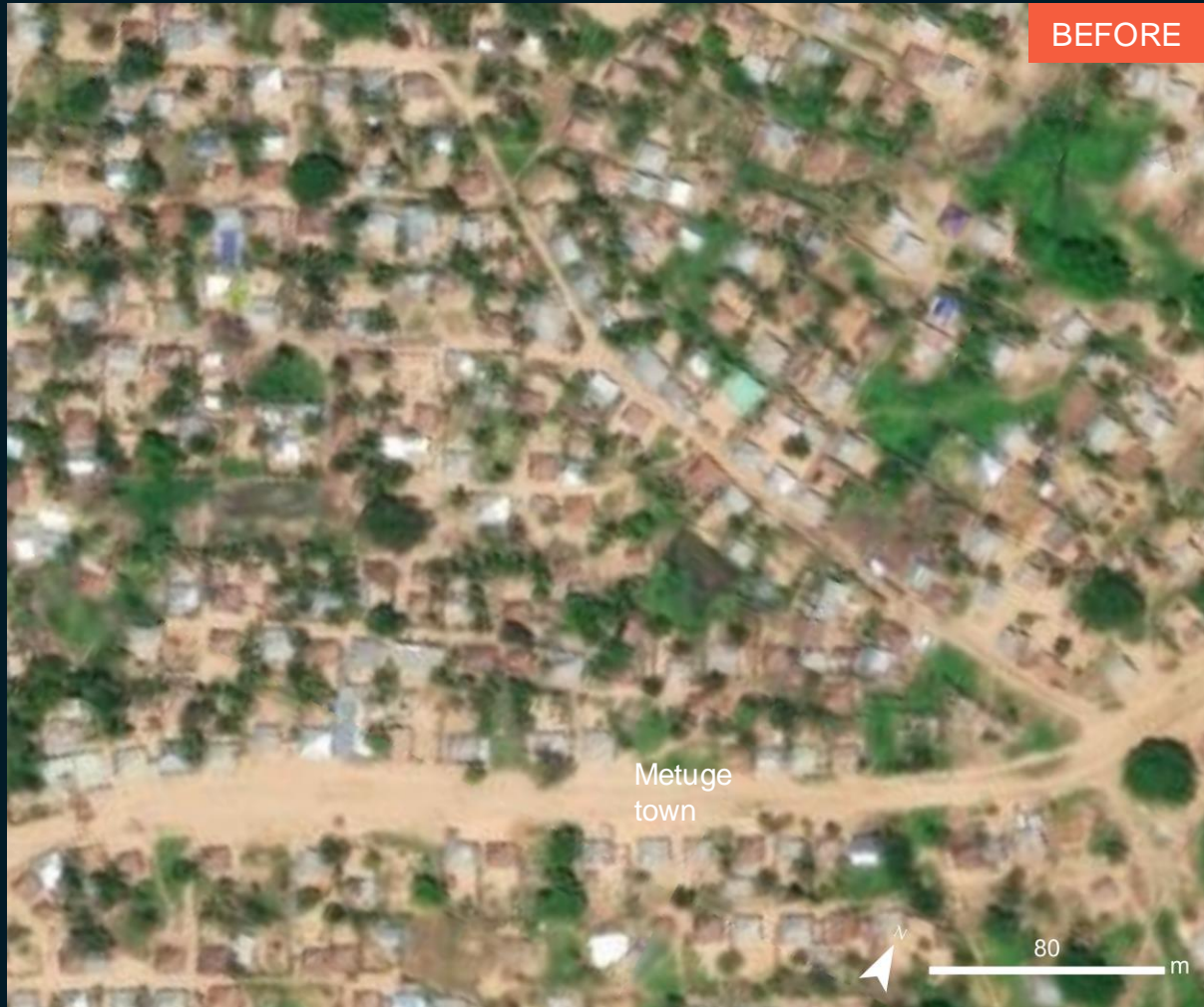
WorldView-3 / 26 August 2023

Pleiades / 18 December 2024

AOI 3 – 2: Metuge Posto, Metuge District, Cabo Delgado Province

No major visible damage

Image center:
12°58'36"S
40°23'16"E



BEFORE

Metuge town

WorldView-2 / 04 February 2022



AFTER

Metuge town

Pleiades / 18 December 2024

SUMMARY OF FINDINGS

- No major visible damage could be observed from very high-resolution satellite images in Mahate Posto, Quissanga District, Cabo Delgado Province as of 16 December 2024;
- No major visible damage could be observed from very high-resolution satellite images in Metuge Posto, Metuge District, Cabo Delgado Province as of 18 December 2024;
- No major visible damage could be observed from very high-resolution satellite images in Montepuez Posto, Montepuez District, Cabo Delgado Province as of 17 December 2024;
- In general, the area of Montepuez seems to have been spared from the cyclone damage.

COPYRIGHTS & SOURCES

Data sources:

(1) Satellite Image (Post-event): Pleiades

Acquisition date : 16 December 2024, 07:58 UTC & 17 December 2024, 07:51 UTC & 18 December 2024, 07:43 UTC

Resolution: 50cm

Copyright: Includes Pleiades material © CNES (2024), Distribution Airbus D&S

Source: Airbus D&S

(2) Satellite Image (Pre-event): Pleiades

Acquisition date : 15 November 2024

Resolution: 50cm

Copyright: Includes Pleiades material © CNES (2024), Distribution Airbus D&S

Source: Airbus D&S

ESRI Basemap

(3) Ancillary data

Administrative boundaries: UNOCHA

Populated place: OpenStreetMap

Waterway: OpenStreetMap

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)



@UNOSAT



@UNITAR.unosat



/UNOSAT



United Nations Satellite Centre (UNOSAT),
United Nations Institute for Training and
Research (UNITAR)
7 bis, Avenue de la Paix, CH-1202 Geneva 2,
Switzerland

T +41 22 917 4720
E unosat@unitar.org
www.unosat.org