


05 April 2024

PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT



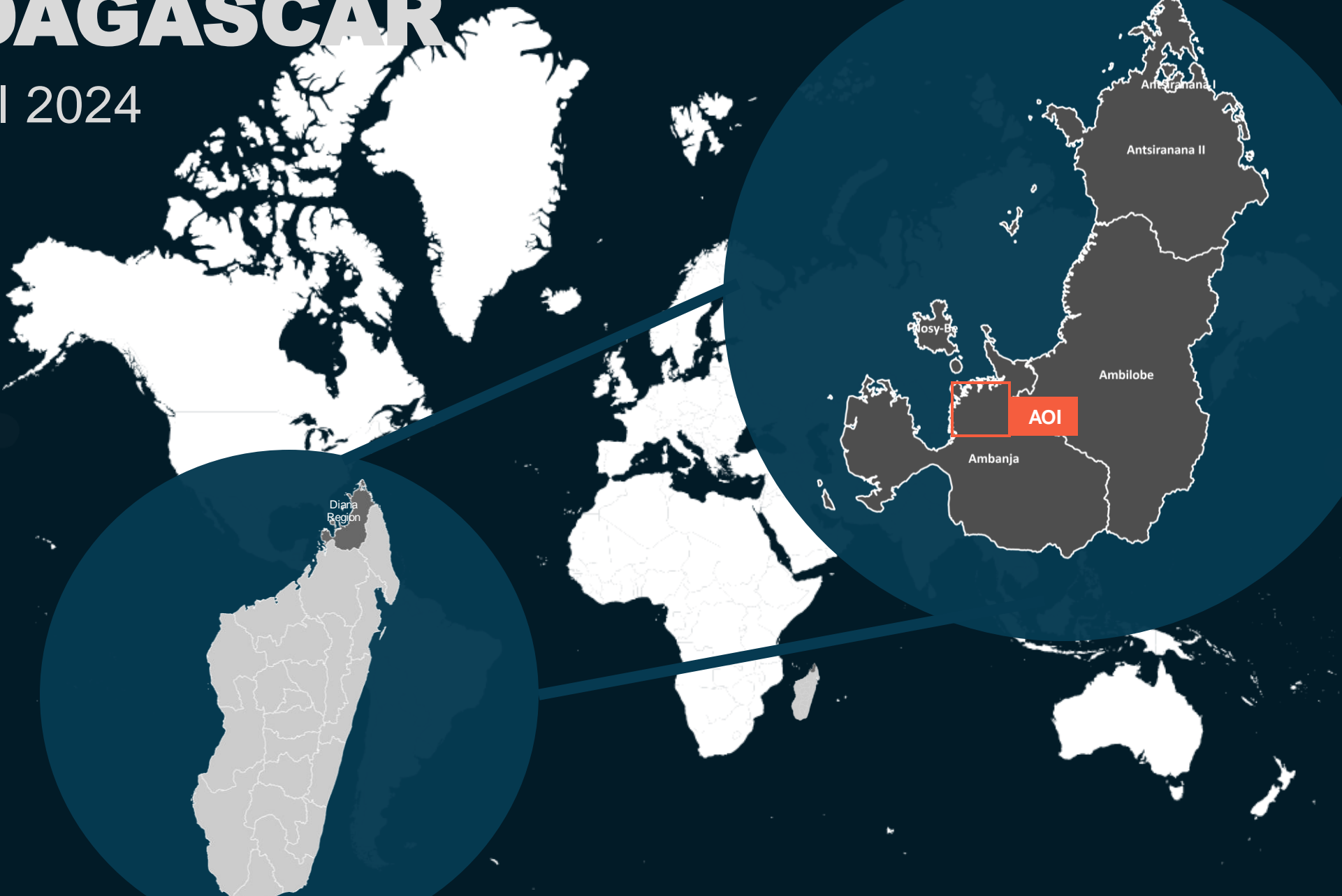
Ambanja District, Diana Region, Madagascar

 Status: Flooded areas, potentially affected structures and increased water observed

 Further action(s): continue monitoring

MADAGASCAR

05 April 2024



AOI 1: Ambanja Town, Ambanja District, Diana Region

Flooded areas and increased water along Sambirano River observed

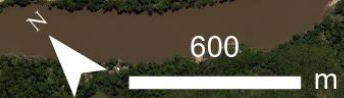


 Flooded area

 Water increase

Sambirano River

AMBAÑJA



AOI 2: Ambanja Town, Ambanja District, Diana Region

Increased water along Sambirano River

Image center:
13°41'07"S
48°27'08"E



BEFORE

WorldView-2 / 09 July 2022



AFTER

WorldView-2 / 04 April 2024

AOI 3: Ambanja Town, Ambanja District, Diana Region

Image center:
13°40'42"S
48°28'31"E



Flooded areas observed



BEFORE

WorldView-2 / 09 July 2022



AFTER

WorldView-2 / 04 April 2024

AOI 4: Ambanja Town, Ambanja District, Diana Region

Flooded areas and potentially affected structures observed

Image center:
13°40'42"S
48°28'31"E



WorldView-2 / 09 July 2022



WorldView-2 / 04 April 2024

SUMMARY OF FINDINGS

- Potentially affected structures observed in Ambanja Town, Ambanja District, Diana Region, Madagascar as of 04 April 2024;
- Flooded areas observed in the vicinity of Ambanja Town, Ambanja District, Diana Region, Madagascar as of 04 April 2024;
- Increased water along Sambirano River observed in Ambanja Town, Ambanja District, Diana Region, Madagascar as of 04 April 2024.

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Data sources:

(1) Satellite Image (Post-event): WorldView-2
Acquisition date : 04 April 2024, 06:58 UTC
Resolution: 40cm
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Source: USGS

(2) ESRI Basemap

(3) Ancillary data

Administrative boundaries: UNOCHA Field Information Services Section (FISS), HDX
Populated place: OpenStreetMap
Waterway: OpenStreetMap

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



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