

EMSR857 - AOI17
Flood in Mozambique and
South Africa
SENTEEKO DAM

Situation as of 25/01/2026 07:49 UTC
Grading - Overview map 01



Flood trace
0.3 ha
Flooded area
2.4 ha

Potentially affected population
~ Not available

Affected Built-up and Transportations

Road
0.2 km

Water infrastructure
1 No.

Crisis Information

- Flooded Area
- Flood trace
- Dam, Damaged

Transportation Grading

- Road, Damaged
- Road, Possibly damaged

General Information

- Local road, No visible damage
- Track, No visible damage
- Area of Interest
- Detail map
- Not Analysed

Hydrography

- Lake, River

Event: Heavy rain that started in December, has caused several floods in Mozambique. The event is ongoing, Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and flood extent emergency mapping.

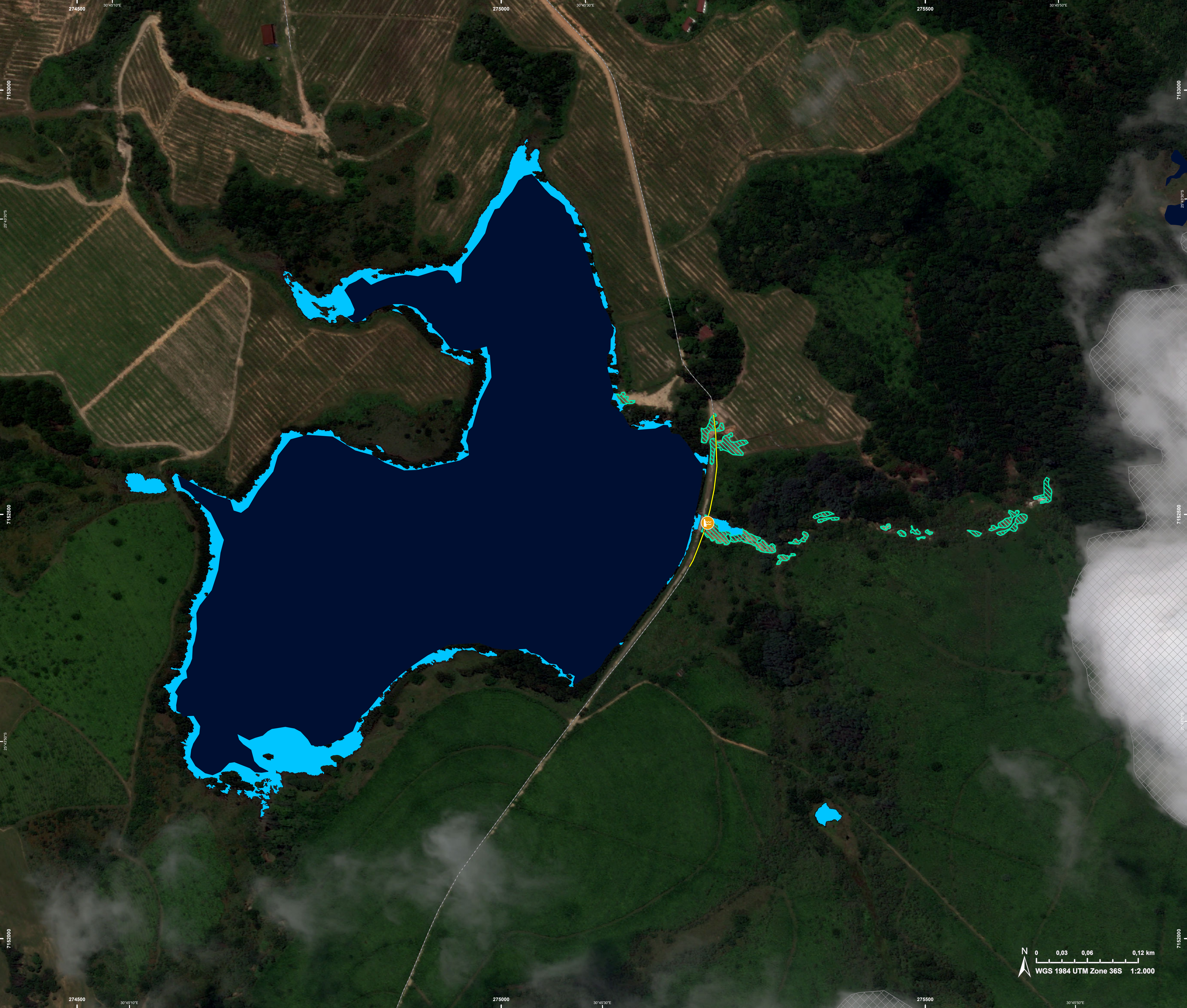
Data sources and analysis: Pre-event image: WorldView-3 © Vantor (2025), provided by European Space Imaging (acquired on 20/04/2025 at 08:05 UTC, resolution 0,5 m).
Post-event image: Pléiades Neo © CNES (2026), distributed by Airbus DS (acquired on 25/01/2026 at 07:49 UTC, resolution 0,3 m).
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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

This analysis has been supplemented by the social media.

Map produced by ITHACA released by e-GEOS on the 25/01/2026.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR857>



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Situation as of 25/01/2026 07:49 UTC
Grading - Detail map 02



- Crisis Information**
- Flooded Area
 - Flood trace
 - Dam, Damaged
- Transportation Grading**
- Road, Damaged
- General Information**
- Track, No visible damage
 - Not Analysed
- Hydrography**
- Lake, River
- Legend**
- Road, Possibly damaged

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Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	Imagery-based observation*
Crisis information	Flood trace		ha	0.3
	Flooded area		ha	2.4
	Maximum of all extents**		ha	2.7

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Assets	Built-up	Residential Buildings	No.	0	0	0	0	216
		Other non-residential buildings	No.	0	0	0	0	25
	Transportation	Local Road	km	0	0	0	0	10.3
		Cart Track	km	0	0.02	0.2	0.2	18.8
	Facilities	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	5.3
		Dams	No.	0	1	0	1	1
	Land use	Shrub and/or herbaceous vegetation association	ha				1.3	297.8
		Forests	ha				1.1	4,111.8
		Heterogeneous agricultural areas	ha				0.2	601.9
		Other	ha				0.1	41.6

* Corresponds to the water surface observed in the most recent satellite imagery, excluding permanent water.

** Corresponds to the geographic union (and NOT the sum) of all Crisis Information layers.

*** It is intersected with the population and asset datasets to estimate the impacts.

**** Sum of all damage classes

Disclaimer:

Full disclaimer and other helpful information available in the online manual:
<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>
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Data Access:

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset. Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2026); Wikimapia.org; GeoNames 2015; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024. Copernicus Global Land Service: Land Cover (2019).

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

Access to the portal

