

Impact Overview
as of 05/01/2025 09:00





 **20 500**
Relocated people
Source: [Ethiopian Press Agency](#)

Population exposed to earthquake intensity



VIII	4 100
VII	15 000
VI	25 000
V	67 000

Source: [GDACS](#)

Earthquake
Source: [GDACS, USGS](#)

-  Main event (5.7M)
-  Secondary event (5.5M)
-  Earthquakes in last 7 days greater than 4.2M
-  Focal mechanism
Source: [USGS](#)






Tectonic Assessment
Source: [GEM](#)

-  Active fault
-  [GDACS](#) Orange alert Earthquake

Modified Mercalli intensity scale
Source: [GDACS](#)

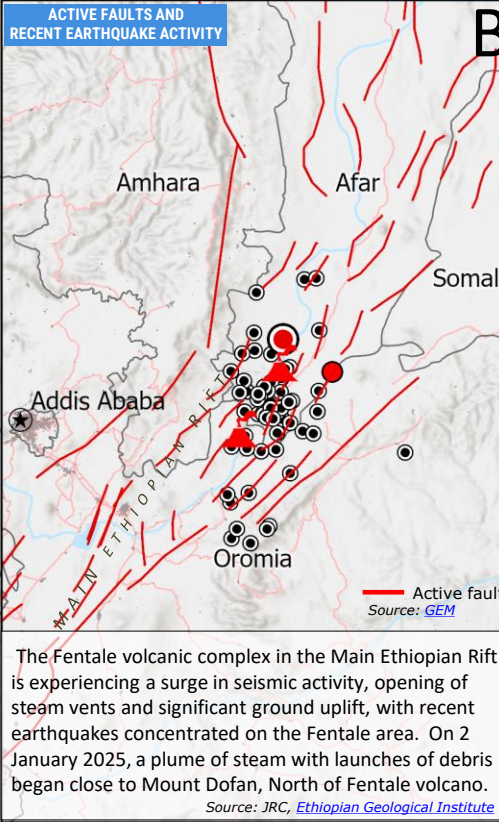
VIII	Severe shaking
VII	Very strong shaking
VI	Strong shaking
V	Moderate shaking

Tectonic Assessment
Source: [GHS, OSM](#)

-  Country boundary
-  District boundary
-  Disputed/undetermined border
-  Main road
-  Built-up areas

Earthquake 5.7M
Depth: 8 km
04 Jan 2025
00:52 UTC
Source: [GDACS](#)

Earthquake 5.5M
Depth: 10 km
03 Jan 2025
17:01 UTC
Source: [GDACS](#)





The Fentale volcanic complex in the Main Ethiopian Rift is experiencing a surge in seismic activity, opening of steam vents and significant ground uplift, with recent earthquakes concentrated on the Fentale area. On 2 January 2025, a plume of steam with launches of debris began close to Mount Dofan, North of Fentale volcano.

Source: [JRC](#), [Ethiopian Geological Institute](#)

Copyright: European Union, 2024. Map created by DG ECHO. Sources: DG ECHO, USGS, GDACS, ESRI. The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union.

Earthquakes & Tsunamis

-  Main event (?M)
-  Aftershocks (?-?M)

 **GDACS Red alert : Earthquake**





 **GDACS Red alert: Tsunami**

 Active fault

Source: [INGV EDSF](#)


Mercalli Scale intensity


Source: [GDACS](#)


-  Severe shaking
-  Very strong shaking
-  Strong shaking
-  Moderate shaking

-  Focal mechanism


Source: [USGS](#)

 Earthquake induced tsunami

 Earthquake triggered landslide






 Measured sea level


Source:

 Earthquake triggered landslide


Source:

General Symbols

-  Disputed area
-  Disputed country border
-  Country border
-  Region
-  Main road


 Built-up


Source: JRC [GHSL](#)

 Hospital

 Port

 Main airport

 Power plant

 Nuclear power plant

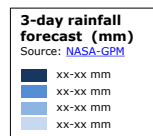
Population density
Source: [GHSL](#), [OSM](#)



Floods




GDACS Red alert : Flood



Past rainfall accumulation over x-x month
Source: [NASA-GPM](#)



 Flooded area


 Most affected province


Impact

as of xx/xx/xx

Source:

 Fatalities

 Injured people

 Damaged buildings

Special symbols




SYMBOLOLOGY

Organisations symbols

Copernicus EMS

[EMSR491](#)


Activation time: xx/xx/xx UTC xx:xx

 Area of interest

 UCPM Activation

 rescEU

 EU

 EU Humanitarian Air Bridge

 Copernicus
Europe's eyes on Earth



GDACS Alerts



Source: [GDACS](#)

Frequently used OCHA symbols



Explosion



Technological Disaster



Health facility



Affected IDPs*
*Internally Displaced People



Damaged tents



Damaged shelters



Fatalities



Missing people



Injured people



Damaged houses



Damaged building



Exposed/affected population



Displaced people



Migration



Landslide/
mudslide



Flood

INTERESTING DATA SOURCES



- See the word document « Interesting Data Sources » on: **P:\common\RESTRICTED\MIC\09_ANALYSIS\21_Templates**

UCPM RESPONSE SYMBOLS



	Flood Rescue with Boats
	High Capacity Pumping
	Water Purification
	Flood Containment
	Extreme High Capacity Pumping
	Medium Urban Search and Rescue
	Cave Search and Rescue
	Heavy Urban Search and Rescue