

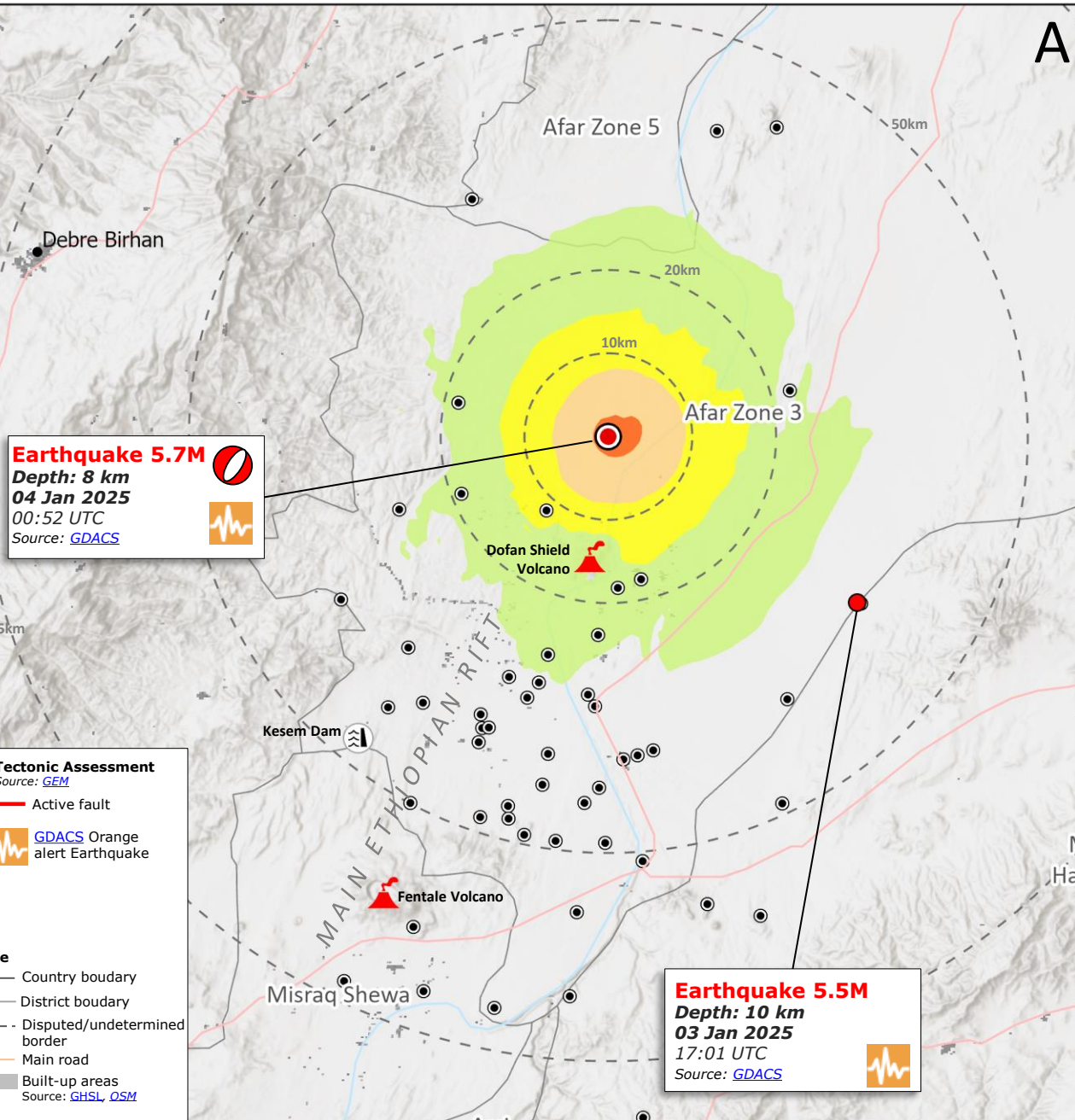
**Impact Overview**  
 as of 05/01/2025 09:00

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

**Population exposed to earthquake intensity**

<b>VIII</b>	<b>4 100</b>
<b>VII</b>	<b>15 000</b>
<b>VI</b>	<b>25 000</b>
<b>V</b>	<b>67 000</b>

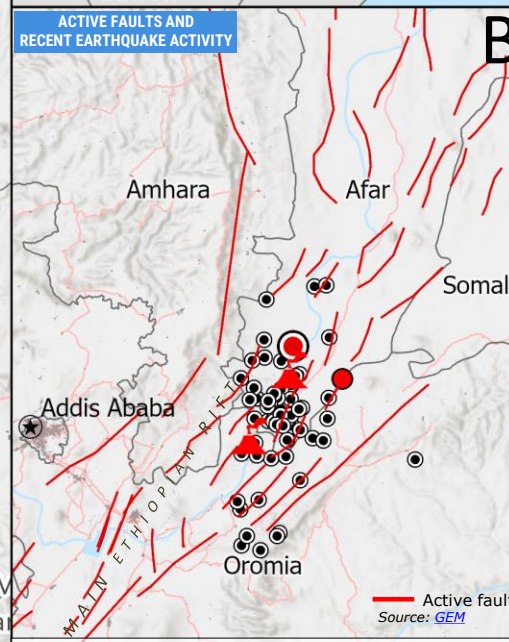
Source: [GDACS](#)



**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](#)

Earthquake		Tectonic Assessment	
Source: <a href="#">GDACS</a> , <a href="#">USGS</a>		Source: <a href="#">GEM</a>	
	Main event (5.7M)		Active fault
	Secondary event (5.5M)		GDACS Orange alert Earthquake
	Earthquakes in last 7 days greater than 4.2M		Disputed/undetermined border
	Focal mechanism Source: <a href="#">USGS</a>		Main road
Modified Mercalli intensity scale			
Source: <a href="#">GDACS</a>			Country boundary
<b>VIII</b>	Severe shaking		District boundary
<b>VII</b>	Very strong shaking		Disputed/undetermined border
<b>VI</b>	Strong shaking		Main road
<b>V</b>	Moderate shaking		Built-up areas Source: <a href="#">GHSL</a> , <a href="#">OSM</a>



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](#)