**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-02-22 05:45:26 (M2.5) Oklahoma 36.9 -97.8 (5844d)
**Date:** 21 February, 2022 22:59:27 Hrs

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# M2.5 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 2.5 |
| Date-Time | 22 Feb 2022 05:45:26 UTC<br>21 Feb 2022 23:45:26 near epicenter<br>21 Feb 2022 22:45:26 standard time in your timezone |
| Location | 36.859N 97.793W |
| Depth | 5 km |
| Distances | 7.9 km (4.9 mi) NW of Medford, Oklahoma<br>52.0 km (32.2 mi) N of Enid, Oklahoma<br>65.4 km (40.5 mi) WNW of Ponca City, Oklahoma<br>70.9 km (44.0 mi) WSW of Arkansas City, Kansas<br>156.4 km (97.0 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 0.9 km; Vertical 5.2 km |
| Parameters | Nph = 52; Dmin = 32.7 km; Rmss = 0.37 seconds; Gp = 64°<br>M-type = ml; Version = |
| Event ID | us 7000gmvz |

For updates, maps, and technical information
see: Event Page or USGS Earthquake Hazards Program
National Earthquake Information Center
U.S. Geological Survey

Disclaimer

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for M2.5 at all times.

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