**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-02-22 05:10:26 (M3.3) Oklahoma 36.9 -97.8 (5844d)
**Date:** 21 February, 2022 22:18:51 Hrs

# M3.3 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 3.3 |
| Date-Time | 22 Feb 2022 05:10:27 UTC<br>21 Feb 2022 23:10:27 near epicenter<br>21 Feb 2022 22:10:27 standard time in your timezone |
| Location | 36.857N 97.785W |
| Depth | 6 km |
| Distances | 7.2 km (4.5 mi) NW of Medford, Oklahoma<br>51.9 km (32.2 mi) N of Enid, Oklahoma<br>64.6 km (40.1 mi) WNW of Ponca City, Oklahoma<br>70.3 km (43.6 mi) WSW of Arkansas City, Kansas<br>156.1 km (96.8 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 1.1 km; Vertical 5.1 km |
| Parameters | Nph = 52; Dmin = 32.9 km; Rmss = 0.30 seconds; Gp = 62°<br>M-type = mb_lg; Version = |
| Event ID | us 7000gmvl |

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

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