**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-02-22 06:30:09 (M2.9) Oklahoma 36.8 -97.8 (5844d)
**Date:** 21 February, 2022 23:34:30 Hrs

# M2.9 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 2.9 |
| Date-Time | 22 Feb 2022 06:30:10 UTC<br>22 Feb 2022 00:30:10 near epicenter<br>21 Feb 2022 23:30:10 standard time in your timezone |
| Location | 36.845N 97.784W |
| Depth | 5 km |
| Distances | 6.2 km (3.8 mi) NW of Medford, Oklahoma<br>50.6 km (31.4 mi) N of Enid, Oklahoma<br>64.2 km (39.8 mi) WNW of Ponca City, Oklahoma<br>70.6 km (43.8 mi) WSW of Arkansas City, Kansas<br>154.7 km (95.9 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 2.5 km; Vertical 3.2 km |
| Parameters | Nph = 65; Dmin = 6.8 km; Rmss = 0.26 seconds; Gp = 87°<br>M-type = ml; Version = |
| Event ID | ok 2022drna |

For updates, maps, and technical information
see: Event Page or USGS Earthquake Hazards Program
Oklahoma Seismic Network
University of Oklahoma

Disclaimer

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for M2.5 at all times.

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