**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-09-16 08:33:05 (M2.5) Oklahoma 36.7 -97.7 (5844d)
**Date:** 16 September, 2022 02:34:58 Hrs

# M2.5 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 2.5 |
| Date-Time | 16 Sep 2022 08:33:05 UTC<br>16 Sep 2022 03:33:05 near epicenter<br>16 Sep 2022 01:33:05 standard time in your timezone |
| Location | 36.704N 97.671W |
| Depth | 3 km |
| Distances | 10.2 km (6.3 mi) W of Lamont, Oklahoma<br>38.9 km (24.1 mi) NNE of Enid, Oklahoma<br>52.3 km (32.4 mi) W of Ponca City, Oklahoma<br>69.0 km (42.8 mi) SW of Arkansas City, Kansas<br>137.9 km (85.5 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 2.0 km; Vertical 1.5 km |
| Parameters | Nph = 92; Dmin = 24.6 km; Rmss = 0.37 seconds; Gp = 60°<br>M-type = ml; Version = |
| Event ID | ok 2022seas |

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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You requested mail for events within the 'Default United States Profile' region
for M2.5 at all times.

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