**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-12-10 04:26:23 (M3.1) Oklahoma 36.7 -97.7 (5844d)
**Date:** 09 December, 2022 21:28:40 Hrs

# M3.1 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 3.1 |
| Date-Time | 10 Dec 2022 04:26:24 UTC<br>9 Dec 2022 22:26:24 near epicenter<br>9 Dec 2022 21:26:24 standard time in your timezone |
| Location | 36.704N 97.669W |
| Depth | 2 km |
| Distances | 10.1 km (6.2 mi) W of Lamont, Oklahoma<br>39.0 km (24.2 mi) NNE of Enid, Oklahoma<br>52.2 km (32.3 mi) W of Ponca City, Oklahoma<br>68.9 km (42.7 mi) SW of Arkansas City, Kansas<br>137.8 km (85.5 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 1.6 km; Vertical 1.3 km |
| Parameters | Nph = 122; Dmin = 24.6 km; Rmss = 0.58 seconds; Gp = 54°<br>M-type = ml; Version = |
| Event ID | ok 2022ydai |

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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