**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-12-17 15:48:47 (M3.1) Oklahoma 36.5 -99.0 (5844d)
**Date:** 17 December, 2022 08:50:45 Hrs

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# M3.1 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 3.1 |
| Date-Time | 17 Dec 2022 15:48:48 UTC<br>17 Dec 2022 09:48:48 near epicenter<br>17 Dec 2022 08:48:48 standard time in your timezone |
| Location | 36.549N 98.966W |
| Depth | 2 km |
| Distances | 8.6 km (5.3 mi) WSW of Waynoka, Oklahoma<br>40.1 km (24.8 mi) ENE of Woodward, Oklahoma<br>99.0 km (61.4 mi) W of Enid, Oklahoma<br>115.8 km (71.8 mi) NNW of Weatherford, Oklahoma<br>177.4 km (110.0 mi) NW of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 2.3 km; Vertical 1.4 km |
| Parameters | Nph = 89; Dmin = 10.0 km; Rmss = 0.45 seconds; Gp = 81°<br>M-type = ml; Version = |
| Event ID | ok 2022yqrj |

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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