**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-12-17 15:48:47 UPDATED: (M3.1) Oklahoma 36.5 -99.0 (5844d)
**Date:** 17 December, 2022 09:39:21 Hrs

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# M3.1 Earthquake - Oklahoma

## Preliminary Report

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|---|---|
| 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 | 36.541N 98.962W |
| Depth | 6 km |
| Distances | 8.6 km (5.3 mi) WSW of Waynoka, Oklahoma<br>40.3 km (25.0 mi) ENE of Woodward, Oklahoma<br>98.4 km (61.0 mi) W of Enid, Oklahoma<br>115.0 km (71.3 mi) NNW of Weatherford, Oklahoma<br>176.6 km (109.5 mi) NW of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 0.0 km; Vertical 0.2 km |
| Parameters | Nph = 178; Dmin = 0.0 km; Rmss = 0.18 seconds; Gp = 55°<br>M-type = ml; Version = |
| Event ID | ok 2022yqrj ****This event has been revised.* |

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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