**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-12-07 16:51:03 (M2.9) Oklahoma 35.2 -98.0 (5844d)
**Date:** 07 December, 2022 09:52:55 Hrs

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# M2.9 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 2.9 |
| Date-Time | 7 Dec 2022 16:51:04 UTC<br>7 Dec 2022 10:51:04 near epicenter<br>7 Dec 2022 09:51:04 standard time in your timezone |
| Location | 35.248N 98.027W |
| Depth | 5 km |
| Distances | 9.1 km (5.6 mi) NW of Pocasset, Oklahoma<br>23.2 km (14.4 mi) NNW of Chickasha, Oklahoma<br>31.4 km (19.5 mi) WSW of Mustang, Oklahoma<br>32.2 km (20.0 mi) SSW of El Reno, Oklahoma<br>52.4 km (32.5 mi) WSW of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 1.9 km; Vertical 0.0 km |
| Parameters | Nph = 90; Dmin = 5.5 km; Rmss = 0.88 seconds; Gp = 26°<br>M-type = ml; Version = |
| Event ID | ok 2022xymk |

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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