**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-12-23 11:07:18 (M3.0) Oklahoma 35.3 -98.0 (5844d)
**Date:** 23 December, 2022 04:09:31 Hrs

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# M3.0 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 3.0 |
| Date-Time | 23 Dec 2022 11:07:18 UTC<br>23 Dec 2022 05:07:18 near epicenter<br>23 Dec 2022 04:07:18 standard time in your timezone |
| Location | 35.271N 98.021W |
| Depth | 0 km |
| Distances | 8.4 km (5.2 mi) SW of Minco, Oklahoma<br>25.4 km (15.7 mi) NNW of Chickasha, Oklahoma<br>29.7 km (18.4 mi) SSW of El Reno, Oklahoma<br>29.8 km (18.5 mi) WSW of Mustang, Oklahoma<br>50.8 km (31.5 mi) WSW of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 1.7 km; Vertical 1.3 km |
| Parameters | Nph = 91; Dmin = 7.7 km; Rmss = 0.89 seconds; Gp = 38°<br>M-type = ml; Version = |
| Event ID | ok 2022zbhc |

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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