**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-01-31 17:10:21 UPDATED: (M4.6) Oklahoma 36.9 -97.8 (5844d)
**Date:** 31 January, 2022 10:28:08 Hrs

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# M4.6 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 4.6 |
| Date-Time | 31 Jan 2022 17:10:21 UTC<br>31 Jan 2022 11:10:21 near epicenter<br>31 Jan 2022 10:10:21 standard time in your timezone |
| Location | 36.851N 97.793W |
| Depth | 7 km |
| Distances | 7.2 km (4.5 mi) NW of Medford, Oklahoma<br>51.1 km (31.7 mi) N of Enid, Oklahoma<br>65.2 km (40.4 mi) WNW of Ponca City, Oklahoma<br>71.2 km (44.2 mi) WSW of Arkansas City, Kansas<br>155.5 km (96.4 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 0.0 km; Vertical 0.5 km |
| Parameters | Nph = 177; Dmin = 0.0 km; Rmss = 0.23 seconds; Gp = 91°<br>M-type = ml; Version = |
| Event ID | ok 2022cedc ****This event supersedes event US7000ggpm.* |

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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