**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-10-02 11:19:00 UPDATED: (M2.7) Oklahoma 36.0 -97.9 (5844d)
**Date:** 02 October, 2022 05:24:18 Hrs

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# M2.7 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 2.7 |
| Date-Time | 2 Oct 2022 11:19:00 UTC<br>2 Oct 2022 06:19:00 near epicenter<br>2 Oct 2022 04:19:00 standard time in your timezone |
| Location | 35.953N 97.887W |
| Depth | 5 km |
| Distances | 3.9 km (2.4 mi) SE of Dover, Oklahoma<br>42.4 km (26.3 mi) W of Guthrie, Oklahoma<br>47.1 km (29.2 mi) N of El Reno, Oklahoma<br>49.1 km (30.5 mi) S of Enid, Oklahoma<br>63.4 km (39.3 mi) NNW of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 1.3 km; Vertical 0.0 km |
| Parameters | Nph = 139; Dmin = 9.2 km; Rmss = 0.77 seconds; Gp = 30°<br>M-type = ml; Version = |
| Event ID | ok 2022thmg ****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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You requested mail for events within the 'Default United States Profile' region
for M2.5 at all times.

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