**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-08-16 16:25:59 UPDATED: (M3.0) Oklahoma 37.0 -97.5 (5844d)
**Date:** 16 August, 2022 10:32:52 Hrs

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# M3.0 Earthquake - Oklahoma

## Preliminary Report

| | |
|---|---|
| Magnitude | 3.0 |
| Date-Time | 16 Aug 2022 16:26:00 UTC<br>16 Aug 2022 11:26:00 near epicenter<br>16 Aug 2022 09:26:00 standard time in your timezone |
| Location | 36.998N 97.480W |
| Depth | 5 km |
| Distances | 6.7 km (4.2 mi) W of Hunnewell, Kansas<br>39.9 km (24.8 mi) W of Arkansas City, Kansas<br>47.8 km (29.6 mi) NW of Ponca City, Oklahoma<br>50.7 km (31.4 mi) WSW of Winfield, Kansas<br>169.9 km (105.3 mi) N of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 2.1 km; Vertical 0.0 km |
| Parameters | Nph = 118; Dmin = 1.6 km; Rmss = 0.77 seconds; Gp = 96°<br>M-type = ml; Version = |
| Event ID | ok 2022pzzs ****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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