**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2022-12-20 19:33:26 UPDATED: (M2.1) Oklahoma 35.0 -97.9 (5844d)
**Date:** 21 December, 2022 07:03:53 Hrs

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# M2.1 Earthquake - Oklahoma

## Preliminary Report

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|---|---|
| Magnitude | 2.1 |
| Date-Time | 20 Dec 2022 19:33:27 UTC<br>20 Dec 2022 13:33:27 near epicenter<br>20 Dec 2022 12:33:27 standard time in your timezone |
| Location | 34.997N 97.900W |
| Depth | 9 km |
| Distances | 5.9 km (3.7 mi) NNE of Ninnekah, Oklahoma<br>7.0 km (4.3 mi) SSE of Chickasha, Oklahoma<br>45.8 km (28.4 mi) SSW of Mustang, Oklahoma<br>48.8 km (30.3 mi) WSW of Norman, Oklahoma<br>62.8 km (38.9 mi) SSW of Oklahoma City, Oklahoma |
| Location Uncertainty | Horizontal: 0.0 km; Vertical 0.9 km |
| Parameters | Nph = 94; Dmin = 7.8 km; Rmss = 0.23 seconds; Gp = 84°<br>M-type = ml; Version = |
| Event ID | ok 2022ywlh ****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
This email was sent to taja@taja.org This is an update to a previous

notification for this event