**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2021-12-28 12:33:53 (M2.8) Kansas 38.7 -97.5 (5844d)
**Date:** Tuesday, December 28, 2021 6:05:08 AM

# M2.8 Earthquake - Kansas

## Preliminary Report

| | |
|---|---|
| Magnitude | 2.8 |
| Date-Time | 28 Dec 2021 12:33:53 UTC<br>28 Dec 2021 06:33:53 near epicenter<br>28 Dec 2021 05:33:53 standard time in your timezone |
| Location | 38.672N 97.466W |
| Depth | 5 km |
| Distances | 4.9 km (3.1 mi) SW of Gypsum, Kansas<br>22.6 km (14.0 mi) SE of Salina, Kansas<br>37.7 km (23.3 mi) NNE of McPherson, Kansas<br>67.8 km (42.0 mi) SW of Junction City, Kansas<br>160.7 km (99.6 mi) WSW of Topeka, Kansas |
| Location Uncertainty | Horizontal: 2.3 km; Vertical 1.9 km |
| Parameters | Nph = 29; Dmin = 82.3 km; Rmss = 0.53 seconds; Gp = 82°<br>M-type = mb_lg; Version = |
| Event ID | us 6000gfuz |

For updates, maps, and technical information
see: Event Page or USGS Earthquake Hazards Program
National Earthquake Information Center
U.S. Geological Survey

Disclaimer

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for M2.5 at all times.

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