**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2021-12-15 09:58:21 UPDATED: (M4.0) Kansas 38.7 -97.4 (5844d)
**Date:** Wednesday, December 15, 2021 3:31:25 AM

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# M4.0 Earthquake - Kansas

## Preliminary Report

| | |
|---|---|
| Magnitude | 4.0 |
| Date-Time | 15 Dec 2021 09:58:22 UTC<br>15 Dec 2021 03:58:22 near epicenter<br>15 Dec 2021 02:58:22 standard time in your timezone |
| Location | 38.682N 97.444W |
| Depth | 3 km |
| Distances | 2.9 km (1.8 mi) SSW of Gypsum, Kansas<br>22.8 km (14.1 mi) SE of Salina, Kansas<br>39.5 km (24.5 mi) NNE of McPherson, Kansas<br>65.6 km (40.7 mi) SW of Junction City, Kansas<br>158.6 km (98.3 mi) WSW of Topeka, Kansas |
| Location Uncertainty | Horizontal: 2.6 km; Vertical 1.9 km |
| Parameters | Nph = 76; Dmin = 84.3 km; Rmss = 0.56 seconds; Gp = 61°<br>M-type = mwr; Version = |
| Event ID | us 6000gcd6 ****This event has been revised.* |

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

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for M2.5 at all times.

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