**From:** USGS ENS
**To:** taja@taja.org
**Subject:** 2019-10-11 01:10:52 (M3.9) Arizona-Sonora border region 31.3 -109.1 (5844d)
**Date:** Thursday, October 10, 2019 7:27:22 PM

# M3.9 Earthquake - Arizona-Sonora border region

## Preliminary Report

| | |
|---|---|
| Magnitude | 3.9 |
| Date-Time | 11 Oct 2019 01:10:53 UTC<br>10 Oct 2019 18:10:53 near epicenter<br>10 Oct 2019 18:10:53 standard time in your timezone |
| Location | 31.263N 109.086W |
| Depth | 5 km |
| Distances | 44.7 km (27.7 mi) ESE of Douglas, Arizona<br>44.7 km (27.7 mi) E of Agua Prieta, Mexico<br>105.5 km (65.4 mi) W of Ascensi◆n, Mexico<br>106.6 km (66.1 mi) W of Ascenci◆n, Mexico<br>300.9 km (186.5 mi) NE of Hermosillo, Mexico |
| Location Uncertainty | Horizontal: 3.4 km; Vertical 2.0 km |
| Parameters | Nph = 36; Dmin = 143.1 km; Rmss = 0.65 seconds; Gp = 72°<br>M-type = ml; Version = |
| Event ID | us 70005t9y |

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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