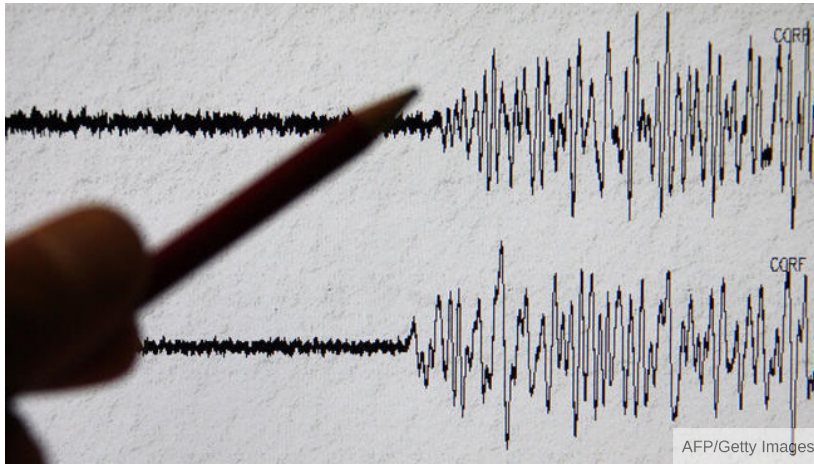




# New Study Finds Faults Under North Texas Are Sensitive to Earthquakes

Published Jul 24, 2019 at 4:25 PM



A new study shows that faults lying underneath North Texas are sensitive and if disturbed, earthquakes could happen.

The study, led by The University of Texas at Austin, included researchers from UT's Bureau of Economic Geology, Stanford University and Southern Methodist University.

Together they created a comprehensive map of more than 250 faults, totaling more than 1,800 miles in combined length.

Some of the fault lines extend under highly populated areas in the DFW region.

## TRENDING STORIES

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- VIDEO** \$9.8M Mansion is Built on Highest Point of North Texas
- VIDEO** Why Dallas Community Has Gone Decades With No Running Water
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**The Discovery Channel's annual "Shark Week" has begun. Will you watch any of the week-long special programming?**

- Yes, as much as I can
- Yes, some of it
- No, I won't watch any of it
- Does not apply / Other

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Four people were killed, including one suspect, and at least 12 others were shot at a garlic festival in Gilroy, California. (Published 3 hours ago)

Researchers said "the faults are relatively stable if left undisturbed, but that wastewater injection, a practice common during oil and gas operations,

significantly increases the potential of the faults to slip if not managed properly."

"That means the whole system of faults is sensitive," said lead author Peter Hennings, a bureau research scientist and the principal investigator at the Center for Integrated Seismicity Research (CISR).

The study was published in the July 23 issue of the Bulletin of the Seismological Society of America.

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