

# Quaternary Fault and Fold Database of the United States

As of January 12, 2017, the USGS maintains a limited number of metadata fields that characterize the Quaternary faults and folds of the United States. For the most up-to-date information, please refer to the [interactive fault map](#).

## Wheeler Ridge fault zone (Class A) No. 75

Last Review Date: 2017-07-01

*citation for this record:* , compiler, 2017, Fault number 75, Wheeler Ridge fault zone, in Quaternary fault and fold database of the United States: U.S. Geological Survey website, <https://earthquakes.usgs.gov/hazards/qfaults>, accessed 12/14/2020 01:59 PM.

|                                  |   |
|----------------------------------|---|
| <b>Synopsis</b>                  |   |
| <b>Name comments</b>             | <b>Fault ID:</b> Refers to fault number 275 of Jennings (1994). |
| <b>County(s) and State(s)</b>    | CALIFORNIA  |
| <b>Physiographic province(s)</b> |   |
| <b>Reliability of location</b>   | Compiled at 1:250,000 scale.<br><br><i>Comments:</i>            |
| <b>Geologic setting</b>          |   |
| <b>Length (km)</b>               | km.   |

|  |   |
|--|---|
| <b>Average strike</b>                      |   |
| <b>Sense of movement</b>                   | Reverse   |
| <b>Dip</b>                                 |   |
| <b>Paleoseismology studies</b>             |   |
| <b>Geomorphic expression</b>               |   |
| <b>Age of faulted surficial deposits</b>   |   |
| <b>Historic earthquake</b>                 |   |
| <b>Most recent prehistoric deformation</b> | undifferentiated Quaternary (<1.6 Ma)<br><i>Comments:</i>   |
| <b>Recurrence interval</b>                 |   |
| <b>Slip-rate category</b>                  | Unspecified   |
| <b>Date and Compiler(s)</b>                | 2017  |
| <b>References</b>                          | #2878 Jennings, C.W., 1994, Fault activity map of California and adjacent areas, with locations of recent volcanic eruptions: California Division of Mines and Geology Geologic Data Map 6, 92 p., 2 pls., scale 1:750,000.<br><br>#8293 Smith, T.C., 1984, Wheeler Ridge and Pleito fault systems, southwestern Kern County, California: California Division of Mines and Geology Fault Evaluation Report 150, in Fault Evaluation Reports Prepared under the Alquist-Priolo Earthquake Fault Zoning Act, Region 1 – Central California: California Geological Survey CGS CD 2002-01 (2002). |

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