

# 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](#).

## Dog Valley fault zone (Class A) No. 27

Last Review Date: 2017-07-01

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 27, Dog Valley 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 02:52 PM.

|                                  |  |
|----------------------------------|--|
| <b>Synopsis</b>                  |  |
| <b>Name comments</b>             | <b>Fault ID:</b> Refers to fault number 99 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>                   | Left lateral   |
| <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<br>William A. Bryant, California Geological Survey  |
| <b>References</b>                          | #8386 Grose, T.L.T., 2000, Geologic map of the Loyalton 15' quadrangle, Lassen, Plumas, and Sierra counties, California: California Division of Mines and Geology Open-File Report OFR 00-25, map scale 1:62,500.<br><br>#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. |

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