

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](#).

San Joaquin fault (Class A) No. 403

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 403, San Joaquin fault, 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 03:10 PM.

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| Synopsis | |
| Name comments | Fault ID: Refers to fault number 200 of Jennings (1994). |
| County(s) and State(s) | STANISLAUS COUNTY, CALIFORNIA MERCED COUNTY, CALIFORNIA SAN JOAQUIN COUNTY, CALIFORNIA FRESNO COUNTY, CALIFORNIA |
| Physiographic province(s) | PACIFIC BORDER |
| Reliability of location | Good Compiled at 1:24,000 scale. <i>Comments:</i> Location of fault from Qt_ft_ver_3-0_Final_WGS84_polyline.shp (Bryant, W.A., written |

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| | communication to K.Haller, August 15, 2017) attributed to 1:24,000-scale maps by Lettis (1982), Noller and others (1993)\, and Sowers and others (1993, 1993). |
| Geologic setting | |
| Length (km) | 138 km. |
| Average strike | |
| Sense of movement | Unspecified |
| Dip | |
| Paleoseismology studies | |
| Geomorphic expression | |
| Age of faulted surficial deposits | |
| Historic earthquake | |
| Most recent prehistoric deformation | late Quaternary (<130 ka) <i>Comments:</i> |
| Recurrence interval | |
| Slip-rate category | Unspecified |
| Date and Compiler(s) | 2017 William A. Bryant, California Geological Survey |
| References | #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. #5353 Lettis, W.R., 1982, Late Cenozoic stratigraphy of the western margin of the central San Joaquin Valley, California: U.S. Geological Survey Open-File Report 82-526, 203 p., scale 1:24,000. |

#8219 Noller, J.S., Sowers, J.M., and Lettis, W.R., 1993, Preliminary maps showing quaternary geology of the Solyo and Lone Tree Creek 7.5-minute quadrangles, California: U.S. Geological Survey, Open-File Report 93-224, scale 1:24,000.

#8297 Sowers, J.M., Noller, J.S., and Lettis, W. R., 1993, Preliminary maps showing Quaternary geology of the Tracy and Midway 7.5-minute quadrangles, California: U.S. Geological Survey, Open-File Report 93-225, scale 1:24,000.

#8296 Sowers, J.M., Noller, J.S., and Lettis, W.R., 1993, Preliminary maps showing Quaternary geology of the Patterson and Crows Landing 7.5-minute quadrangles, California: U.S. Geological Survey Open-File Report 93-223, scale 1:24,000.

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