

# 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 Jose fault (Class A) No. 107

Last Review Date: 2017-07-05

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 107, San Jose 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 02:18 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to Jennings (1994 #2878) number 396.
<b>County(s) and State(s)</b>	LOS ANGELES COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Good Compiled at 1:100,000 scale.  <i>Comments:</i> Location of fault from Qt_ft_ver_3-0_Final_WGS84_polyline.shp (Bryant, W.A., written communication to K.Haller, August 15, 2017) attributed to 1:100,000-scale map of Morton and Miller (2003).

<b>Geologic setting</b>	
<b>Length (km)</b>	22 km.
<b>Average strike</b>	
<b>Sense of movement</b>	Left lateral, Reverse
<b>Dip Direction</b>	NW
<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>	late Quaternary (<130 ka) <i>Comments:</i>
<b>Recurrence interval</b>	
<b>Slip-rate category</b>	Between 0.2 and 1.0 mm/yr <i>Comments:</i> Dolan and others (1995).
<b>Date and Compiler(s)</b>	2017 William A. Bryant, California Geological Survey
<b>References</b>	#5965 Dolan, J.F., Sieh, K., Rockwell, T.K., Yeats, R.S., Shaw, J., Suppe, J., Huftile, G.J., and Gath, E.M., 1995, Prospects for larger or more frequent earthquakes in the Los Angeles metropolitan region: <i>Science</i> , v. 267, p. 199-205.  #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.  #8213 Morton, D.M., and Miller, F.K., 2003, Preliminary geologic map of the San Bernardino 30' x 60' quadrangle,

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