

# 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](#).

## Little Pine fault zone (Class A) No. 255

Last Review Date: 2017-07-01

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 255, Little Pine 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 02:53 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 306 of Jennings (1994).
<b>County(s) and State(s)</b>	SANTA BARBARA COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	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 communication to K.Haller, August 15, 2017) attributed to 1:24,000-scale maps by Dibblee (1987, 1993, 1994) and Vedder

	and Stanely (2001).
<b>Geologic setting</b>	
<b>Length (km)</b>	43 km.
<b>Average strike</b>	
<b>Sense of movement</b>	
<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>	late Quaternary (<130 ka) <i>Comments:</i>
<b>Recurrence interval</b>	
<b>Slip-rate category</b>	Unspecified
<b>Date and Compiler(s)</b>	2017 William A. Bryant, California Geological Survey
<b>References</b>	#8067 Dibblee, T.W., Jr., 1987, Geologic map of the San Marcos Pass quadrangle, Santa Barbara County, California: Dibblee Foundation Map DF-08, scale 1:24,000.  #8080 Dibblee, T.W., Jr., 1993, Geologic map of the Los Olivos quadrangle, Santa Barbara County, California: Dibblee Geological Foundation Map #DF-44, scale 1:24,000.  #8081 Dibblee, T.W., Jr., 1993, Geologic map of the Figueroa Mountain quadrangle, Santa Barbara County, California: Dibblee Geological Foundation Map #DF-43, scale 1:24,000.

#8084 Dibblee, T.W., Jr., 1994, Geologic map of the Zaca Lake quadrangle, Santa Barbara County, California: Dibblee Geological Foundation Map #DF-55, scale 1:24,000.

#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.

#8341 Vedder, J.G, and Stanley, R.G., 2001, Geologic map and digital database of the San Rafael Mtn. 7.5-minute quadrangle, Santa Barbara County, California: U.S. Geological Survey Open-File Report OF 01-290, map scale 1:24,000.

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