

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](#).

Sycamore Canyon fault (Class A) No. 272

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 272, Sycamore Canyon 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 02:52 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 351 of Jennings (1994).
County(s) and State(s)	VENTURA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:100,000 and unspecified 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 by Yerkes and Campbell (2005) and Tan and Clahan (2003) mapped at unspecified scale.

Geologic setting	
Length (km)	32 km.
Average strike	
Sense of movement	Unspecified
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	undifferentiated Quaternary (<1.6 Ma) <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, locations of recent volcanic eruptions: California Division of Mines and Geology Geologic Data Map 6, 92 p., 2 pls., scale 1:750,000. #8304 Tan, S.S., and Clahan, K.B., 2003, Geologic map of the Point Mugu 7.5-mi quadrangle, Ventura County, California—A digital database, version 1.0: California Geological Survey Preliminary Geologic Map, website, http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_map #8382 Yerkes, R.F., and Campbell, R.H., 2005, Preliminary geologic map of the Los Angeles 30' x 60' quadrangle, southern California: U.S. Geological Survey Open Report 05-1019, sheet 1, scale 1:100,000.

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