

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 Cayetano fault (Class A) No. 95

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 95, San Cayetano 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 03:14 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 340 of Jennings (1994).
County(s) and State(s)	VENTURA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:24,000 and 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 1:24,000-scale maps by Kahle (1985) and Dibblee (1987),

	1:100,000-scale map by Yerkes and Campbell (2005), and Olson (2012) mapped at unspecified scale.
Geologic setting	
Length (km)	56 km.
Average strike	
Sense of movement	Thrust
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	latest Quaternary (<15 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Greater than 5.0 mm/yr
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#7934 Dibblee, T.W., Jr., 1987, Geologic map of the Ojai quadrangle, Santa Barbara County, California: Dibble Geological Foundation Map DF-13, 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. #7939 Kahle, J.E., 1985, The San Cayetano fault and related

“flexural-slip” faults near Ojai and Santa Paula, Ventura County, California: California Division of Mines and Geology fault evaluation report FER-174, 30 p., 3 plates, scale 1:24,000, *in* Fault evaluation reports prepared under the Alquist-Priolo Earthquake Fault Zoning Act, Region 2—Southern California: California Geological Survey CGS CD 2002-02 (2002).

#8222 Olson, B.P.E., 2012, Eastern San Cayetano fault in the Piru quadrangle, Ventura County, California: California Geological Survey Fault Evaluation Report FER-257, 17 p., 1 Supplement, website, <ftp://ftp.consrv.ca.gov/pub/dmg/pubs/fer/257/>.

#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-File Report 05-1019, sheet 1, scale 1:100,000.

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