

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](#).

Los Alamos fault (Class A) No. 85

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 85, Los Alamos 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 03:16 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 302 of Jennings (1994).
County(s) and State(s)	SANTA BARBARA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Compiled at 1: 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 Guptill and others (1981) mapped at unspecified scale.

Geologic setting	
Length (km)	33 km.
Average strike	115
Sense of movement	
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	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#8112 Guptill, P.D., Heath, E.G., and Brogan, G.E., 1981, Surface fault traces and historical earthquake effects near Los Alamos Valley, Santa Barbara County, California: U.S. Geological Survey Open-File Report 81-271, 56 p. and appendices, 3 plates. #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.

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