

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](#).

Long Canyon fault (Class A) No. 337

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 337, Long 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 02:51 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 451A of Jennings (1994).
County(s) and State(s)	SAN BERNARDINO COUNTY, CALIFORNIA RIVERSIDE COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	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 Matti (2012), augmented with mapping

	by Riverside County (2001) and Treiman (1992) at unspecified scale.
Geologic setting	
Length (km)	19 km.
Average strike	
Sense of movement	Right lateral, Normal
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	#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. #8192 Matti, J.C., 2012, Preliminary geologic mapping in the Palm Springs 30' x 60' quadrangle, California: Unpublished, in progress, digital data provided by U.S. Geological Survey to California Geological Survey, versions dated 5/26/2012, 8/7/2012, and 9/10/2012, scale 1:100,000.

#8239 Riverside County, compiler, 2001, GIS files of recently active faults in Riverside County, California: Riverside County, unpublished digital compilation of recently active faults.

#8324 Treiman, J.A., 1992, Eureka Peak and Burnt Mountain faults, *in* Landers earthquake of June 28, 1992, San Bernardino County, California: Southern California Section of the Association of Engineering Geologists, Field Trip Guidebook, p. 19–22.

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