

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](#).

Eureka Peak fault (Class A) No. 120

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 120, Eureka Peak 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 02:17 PM.

Synopsis	
Name comments	Fault ID: Refers to Jennings (1994 #2878) number 424A.
County(s) and State(s)	RIVERSIDE COUNTY, CALIFORNIA SAN BERNARDINO 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 unspecified scale map of Bryant (2012 #8324) and Treiman (1992

	#8023).
Geologic setting	
Length (km)	22 km.
Average strike	
Sense of movement	Right lateral, Normal
Dip Direction	V
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	Landers earthquake 1992
Most recent prehistoric deformation	latest Quaternary (<15 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Between 0.2 and 1.0 mm/yr
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#8023 Bryant, W.A., 2012, Aerial photographic interpretation of geomorphic features related to fault recency, selected California faults using Google Earth and LiDAR: California Geological Survey unpublished mapping for Fault Activity Map of California. #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.

#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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