

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](#).

unnamed faults in Coso Range (Class A) No. 848

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 848, unnamed faults in Coso Range, 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	
County(s) and State(s)	INYO COUNTY, CALIFORNIA
Physiographic province(s)	BASIN AND RANGE
Reliability of location	Good Compiled at 1:50,000; 1:250,000 and 1:750,000 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 1:50,000-scale map by Duffield and Bacon (1981) supplemented with 1:250,000-scale mapping by Slemmons and others (2008) and 1:750,000-scale mapping by Jennings (1994).
Geologic setting	
Length (km)	63 km.
Average strike	
Sense of movement	Normal
Dip Direction	W; E
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	late Quaternary (<130 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#1502 Duffield, W.A., and Bacon, C.R., 1981, Geologic map of the Coso volcanic field and adjacent areas, Inyo County, California: U.S. Geological Survey Miscellaneous Investigations Map I-1200, 1 sheet, scale 1:50,000. #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.

#8265 Slemmons, D.B., Vittori, E., Jayko, A.S., Carver, G.A., and Bacon, S.N., 2008, Quaternary fault and lineament map of Owens Valley, Inyo County, eastern California: Geological Society of America Map and Chart Series MCH096, 25 p., scale 1:100,000.

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