

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](#).

Cross Spring fault zone (Class A) No. 166

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 166, Cross Spring fault zone, 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 02:26 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 109 of Jennings (1994).
County(s) and State(s)	LAKE 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 map BY McLaughlin and others (1990) and

	1:100,000-scale map by dePolo and Ohlin (1984).
Geologic setting	
Length (km)	km.
Average strike	
Sense of movement	Unspecified
Dip	
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	#5231 dePolo, C.M., and Ohlin, N.H., 1984, The Bartlett Springs fault zone— An eastern member of the California plate boundary system: Geological Society of America Abstracts with Program, v. 16, no. 6, p. 486. #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. #5241 McLaughlin, R.J., Ohlin, H.N., Thormohlen, D.J., Jones,

D.L., Miller, J.W., and Blane, C.D., 1990, Geologic map and structure sections of the Little Indian Valley-Wilbur Springs geothermal area, northern Coast Ranges, California: U.S. Geological Survey Miscellaneous Investigations Series Map I-1706, scale 1:24,000.

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