

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](#).

Bear River fault zone (Class A) No. 153

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 153, Bear River 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 02:50 PM.

Synopsis	
Name comments	Fault ID: Refers to 49 and 81 of Jennings (1994).
County(s) and State(s)	HUMBOLDT COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:100,000 and 1:250,000 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 1:100,000-scale map by McLaughlin and others (2000) and

	1:250,000-scale map by Clarke and Field (1989).
Geologic setting	
Length (km)	km.
Average strike	
Sense of movement	Unspecified
Dip Direction	Unknown
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	undifferentiated Quaternary (<1.6 Ma) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#4137 Clarke, S.H., and Field, M.E., 1989, Geologic map of the northern California continental margin: California Continental Margin Geologic Map Series Map No. 7A, 1 sheet, scale 1:250,000. #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. #8200 McLaughlin, R.J., Ellen, S.D., Blake, M.C., Jr., Jayko,

A.S., Irwin, W.P., Aalto, K.P., Carver, G.A. and Clarke, S.H., Jr., 2000, Geology of the Cape Mendocino, Eureka, Garberville, and southwestern part of the Hayfork 30x60 minute quadrangles and adjacent offshore area, northern California: U.S. Geological Survey Miscellaneous Field Studies Map MF-2336, scale 1:100,000.

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