

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](#).

Whale Gulch-Bear Harbor fault zone (Class A) No. 156

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 156, Whale Gulch-Bear Harbor 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 02:35 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 88 of Jennings (1994).
County(s) and State(s)	HUMBOLDT COUNTY, CALIFORNIA MENDOCINO COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:62,500 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 1:100,000-scale map by McLaughlin and others (2000) and 1:62,500-scale map by Beutner and others (1980).
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	#7959 Beutner, E.C., McLaughlin, R.J., Ohlin, H.N., and Sorg, D.H., 1980, Geologic map of the King Range and Chemise Mountain instant study areas, northern California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1196A, scale 1:62,500. #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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