Jump to Navigation

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.

Tres Pinos fault (Class A) No. 406

Last Review Date: 2017-05-15

citation for this record: **, compiler, 2017, Fault number 406, Tres Pinos 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 03:10 PM.**

Synopsis	
Name comments	
County(s) and State(s)	SAN BENITO COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:62,500; 1:100,000; and unspecified scale. *Comments:* Location of fault from Qt_flt_ver_3-0_Final_WGS84_polyline.shp (Bryant, W.A., written communication to K.Haller, August 15, 2017) attributed to 1:62,500-scale map by Dibblee (197) and Bryant (1985) mapped at unspecified scale. The location of part of the southernmost

	trace is from 1:100,000-scale map by Wagner and others (2002).
Geologic setting	
Length (km)	19 km.
Average strike	
Sense of movement	Right lateral
Dip Direction	V
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	undifferentiated Quaternary (<1.6 Ma) *Comments:* The fault is generally shown as undifferentiated Quaternary (Dibblee, 1979; Bryant, 1985). However, Wagner and others (2002) suggest the most recent movement could be Holocene. The more conservative age category is assigned here.
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017
References	#7993 Bryant, W.A., 1985, Faults in the southern Hollister area, San Benito County: California Division of Mines and Geology Fault Evaluation Report FER-164, 20 p., in Fault Evaluation Reports Prepared Under the Alquist-Priolo Earthquake Fault Zoning Act, Region 1 – Central California: California Geological Survey CGS CD 2002-01 (2002). #5510 Dibblee, T.W., Jr., 1979, Preliminary geologic map of the

	Tres Pinos quadrangle, San Benito County, California: U.S. Geological Survey Open-File Report 79-702, 1 sheet, scale 1:24,000. #8358 Wagner, D.L., Greene, H.G., Saucedo, G.J. and Pridmore, C.L., 2002, Geologic map of the Monterey 30" x 60" quadrangle and adjacent areas, California: California Geological Survey Regional Geologic Map Series, Map No. 1, scale 1:100,000.