

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](#).

Sherburne Hills thrust fault (Class A) No. 400

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 400, Sherburne Hills thrust 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	Fault ID: Refers to fault number 164 of Jennings (1994).
County(s) and State(s)	CONTRA COSTA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Compiled at 1:unspecified 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 Crane (1988), modified by Unruh and

	Sundermann (2006).
Geologic setting	
Length (km)	9 km.
Average strike	
Sense of movement	Unspecified
Dip	
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	#8048 Crane, R., 1988, Geologic maps of the Livermore, Tassajara, Altamont, Byron Hot Springs, Dublin, Clayton, Diablo, Antioch South, Las Trampas Ridge, Walnut Creek, and Briones Valley 7.5- minute quadrangles: Unpublished maps available from H&L Hendry, Concord, CA, scale 1:24,000. #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.

#8336 Unruh, J. and Sundermann, S., 2006, Digital compilation of thrust and reverse fault data for the northern California map database—Collaborative Research with William Lettis & Associates, Inc., and the U.S. Geological Survey: Final Technical Report, U. S. Geological Survey NEHRP grant award 05HQGR0054, 20 p.

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