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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.

Mount Diablo thrust fault (Class A) No. 353

Last Review Date: 2017-07-01

citation for this record: **Bryant, W.A., compiler, 2017, Fault number 353, Mount Diablo 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 02:51 PM.**

Synopsis	
Name comments	
County(s) and State(s)	ALAMEDA COUNTY, CALIFORNIA CONTRA COSTA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Poor Compiled at 1: scale. *Comments:* Location of fault from Qt_flt_ver_3-0_Final_WGS84_polyline.shp (E W.A., written communication to K.Haller, August 15, 2017) attributed to Cao and (2003).

Geologic setting	
Length (km)	32 km.
Average strike	
Sense of movement	Thrust
Dip	38 NE.
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	undifferentiated Quaternary (<1.6 Ma) *Comments:*
Recurrence interval	
Slip-rate category	Between 1.0 and 5.0 mm/yr
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#7851 Cao, T., Bryant, W.A., Rowshandel, B., Branum, D., and Wills, C.J., 2003 2002 California probabilistic seismic hazard maps, June 2003: California Geolog web page http://www.consrv.ca.gov/CGS/rghm/psha/fault_parameters/pdf/2002_CA_Hazar