

# 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](#).

## Burdell Mountain fault (Class A) No. 226

Last Review Date: 2017-07-01

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 226, Burdell Mountain 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 03:00 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 150A of Jennings (1994).
<b>County(s) and State(s)</b>	MARIN COUNTY, CALIFORNIA SONOMA COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Good Compiled at 1:24,000 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 1:24,000-scale maps by Bezore and others (2002) and Rice and others (2002), and Wagner and others (2002) mapped at unspecified scale.

<b>Geologic setting</b>	
<b>Length (km)</b>	km.
<b>Average strike</b>	
<b>Sense of movement</b>	Unspecified
<b>Dip</b>	
<b>Paleoseismology studies</b>	
<b>Geomorphic expression</b>	
<b>Age of faulted surficial deposits</b>	
<b>Historic earthquake</b>	
<b>Most recent prehistoric deformation</b>	undifferentiated Quaternary (<1.6 Ma) <i>Comments:</i>
<b>Recurrence interval</b>	
<b>Slip-rate category</b>	Unspecified
<b>Date and Compiler(s)</b>	2017 William A. Bryant, California Geological Survey
<b>References</b>	#7958 Bezore, S., Randolph-Loar, C.E., and Witter, R.C., 2002, Geologic map of Petaluma 7.5-minute quadrangle, Sonoma and Marin counties, California: A Digital Database, version 1.0: California Geological Survey Preliminary Geologic Map, website, <a href="http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps">http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps</a> map scale 1:24,000.  #2878 Jennings, C.W., 1994, Fault activity map of California and adjacent areas, locations of recent volcanic eruptions: California Division of Mines and Geology Geologic Data Map 6, 92 p., 2 pls., scale 1:750,000.  #8238 Rice, S.R., Smith, T.C., Strand, R.G., Wagner, D.L., Randolph-Loar, C.E.,

Witter, R.C., and Clahan, K.B., 2002, Geologic map of the Novato 7.5-minute quadrangle, Marin and Sonoma counties, California— A digital database: California Geological Survey Preliminary Geologic Map, website, [http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary\\_geologic\\_maps](http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps)

#8357 Wagner, D.L, Rice, S.R., Bezore, S., Randolph-Loar, C.E., Allen, J., and V R.C., 2002, Geologic map of the Petaluma River 7.5-minute quadrangle, Marin and Sonoma counties, California— A digital database, version 1.0: California Geological Survey Preliminary Geologic Map, website, [http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary\\_geologic\\_maps](http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps)

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