

# 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](#).

## Bennett Valley fault zone (Class A) No. 229

Last Review Date: 2017-07-01

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 229, Bennett Valley 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 03:02 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 143 of Jennings (1994).
<b>County(s) and State(s)</b>	SONOMA COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Poor Compiled at 1:24,000 and 1:275,000 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 McLaughlin and others (2004, 2008) and Delattre and others (2007); 1:275,000-scale map by Graymer and others (2006); and Wagner and others

	(2002, 2003) and Sowers and others (2010) mapped at unspecified scale.
<b>Geologic setting</b>	
<b>Length (km)</b>	km.
<b>Average strike</b>	
<b>Sense of movement</b>	
<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>	latest Quaternary (<15 ka) <i>Comments:</i> Sowers and others (2010)
<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>	#8056 Delattre, M.P., Wagner, D.L., Higgins, C.T., Witter, R.C, and Sowers, J.M. 2007, Geologic map of the Kenwood 7.5' quadrangle, Sonoma and Napa 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.  #8106 Graymer, R.W., Bryant, W.A., McCabe, C.A., Hecker, S., and Prentice, C. 2006, Map of Quaternary-active faults in the San Francisco Bay region: U.S. Geological Survey Scientific Investigations Map 2919, available at <a href="http://pubs.usgs.gov/sim/2006/2919">http://pubs.usgs.gov/sim/2006/2919</a> .

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#8356 Wagner, D.L, Randolph-Loar, C.E., Bezore, S.P., Witter, R.C., and Allen, J 2002, Geologic map of the Sears Point 7.5' quadrangle, Sonoma, Solano, and Napa 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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[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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