

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](#).

Soda Creek fault (Class A) No. 227

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 227, Soda Creek 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 03:02 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 153 of Jennings (1994).
County(s) and State(s)	NAPA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Poor Compiled at 1:24,000; 1:275,000; and 1:750,000 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 Clahan and others (2004) and Bezore and others (2005); 1:275,000-scale map by Graymer and others (2006); and 1:750,000-scale map by

	Jennings (1994).
Geologic setting	
Length (km)	24 km.
Average strike	
Sense of movement	Unspecified
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	late Quaternary (<130 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#7961 Bezore, S.P., Clahan, K.B., Sowers, J.M. and Witter, R.C., 2005, Geologic of the Yountville 7.5' quadrangle, Napa County, 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 map scale 1:24,000. #8039 Clahan, K.B., Wagner, D.L., Saucedo, G.J., Randolph-Loar, C.E. and Sowers, J.M., 2004, Geologic map of the Napa 7.5" quadrangle, Napa County, California: Digital Database, version 1.0: California Geological Survey Preliminary Geologic Map, website, http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps

#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 <http://pubs.usgs.gov/sim/2006/2919>.

#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.

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