

# 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](#).

## Rio Vista fault (Class A) No. 246

Last Review Date: 2017-05-15

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 246, Rio Vista 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 02:56 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 156 and 157 of Jennings (1994).
<b>County(s) and State(s)</b>	SOLANO COUNTY, CALIFORNIA CONTRA COSTA COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Compiled at 1:62,500 and 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 1:62,500-scale map by Sims and others (1973), and Knuepfer (1977) and Graymer and others (2006) mapped at unspecified

	scale.
<b>Geologic setting</b>	
<b>Length (km)</b>	53 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>	late Quaternary (<130 ka) <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>	#8106 Graymer, R.W., Bryant, W.A., McCabe, C.A., Hecker, S., and Prentice, C.S., 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> .  #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.

#8174 Knuepfer, P.L., 1977, Geomorphic investigations of the Vaca and Antioch fault systems, Solano and Contra Costa counties, California: Stanford University, California, unpublished M.S. thesis, 53 p., 7 plates.

#5263 Sims, J.D., Fox, K.F., Jr., Bartow, J.A., and Helley, E.J., 1973, Preliminary geologic map of Solano County and parts of Napa, Contra Costa, Marin, and Yolo Counties, California—San Francisco Bay Region Environment and Resources Planning Study: U.S. Geological Survey Miscellaneous Field Studies Map MF-484 (Basic Data Contribution 54), scale 1:62,500.

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