

# 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](#).

## South Cuyama fault zone (Class A) No. 252

Last Review Date: 2017-05-15

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 252, South Cuyama 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 02:55 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 291 of Jennings (1994).
<b>County(s) and State(s)</b>	SANTA BARBARA COUNTY, CALIFORNIA SAN LUIS OBISPO COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Good Compiled at 1:24,000 and 1:652,500 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 Vedder and others (1989, 1994) and

	1:652,500-scale maps by Dibblee (1971).
<b>Geologic setting</b>	
<b>Length (km)</b>	101 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>	#8062 Dibblee, T.W., Jr., 1971, Geologic map of the Salisbury Canyon 15-minute quadrangle, California: U.S. Geological Survey Open-File Map, scale 1:62,500.  #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.  #8340 Vedder, J.G., and Repenning, C.A., 1975, Geologic map of the Cuyama and New Cuyama quadrangles, San Luis Obispo and

Santa Barbara Counties, California: U.S. Geological Survey  
Miscellaneous Investigations Series I-876, scale 1:24,000.

#8350 Vedder, J.G., Howell, D.G., and Mc Lean, H., 1989,  
Geologic map of Miranda Pine Mountain quadrangle and part of  
Taylor Canyon quadrangle, California: U.S. Geological Survey  
Open-File Report 89-469, scale 1:24,000.

#8352 Vedder, J.G., Howell, D.G., and McLean, H., 1994,  
Preliminary geologic map of Bates Canyon quadrangle and part  
of Peak Mountain quadrangle, California: U.S. Geological Survey  
Open-File Report 94-128, scale 1:24,000.

#8345 Vedder, J.G., Howell, D.G., McLean, Hugh, and Joyce,  
J.M., 1986, Geologic Map of Branch Mountain quadrangle and  
part of Chimineas Ranch quadrangle, California: U.S. Geological  
Survey Open-File Report 86-636, scale 1:24,000.

#8348 Vedder, J.G., Howell, D.G., McLean, Hugh, and Wiley,  
T.J., 1988, Geologic map of Los Machos Hills and Caldwell Mesa  
quadrangles and part of Tar Spring Ridge quadrangle, California:  
U.S. Geological Survey Open-File Report 88-253, scale 1:24,000.

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