

# 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](#).

## La Panza fault zone (Class A) No. 78

Last Review Date: 2017-05-15

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 78, La Panza 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 03:16 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 280 of Jennings (1994).
<b>County(s) and State(s)</b>	SAN LUIS OBISPO COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Good Compiled at 1:24,000 and 1:62,500 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 Vetter and others (1986, 1988, 1989) and

	1:62,500-scale map by Dibblee (1972).
<b>Geologic setting</b>	
<b>Length (km)</b>	89 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>	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>	#8065 Dibblee, T.W., Jr., 1972, Geologic map of the Pozo 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.  #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.

#8343 Vedder, J.G., Howell, D.G., and McLean, H., 1986, Geologic map of parts of Lopez Mountain, Santa Margarita Lake, and Pozo Summit quadrangles, California: U.S. Geological Survey Open-File Report 86-635, scale 1:24,000.

#8346 Vedder, J.G., Howell, D.G., and McLean, H., 1986, Geologic map of parts of La Panza and California Valley quadrangles, California: U.S. Geological Survey Open-File Report 86-637, 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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