

# 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](#).

## McGrath fault (Class A) No. 523

Last Review Date: 2017-07-01

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 523, McGrath 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 03:07 PM.

<b>Synopsis</b>	
<b>Name comments</b>	
<b>County(s) and State(s)</b>	SAN BERNARDINO COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Compiled at 1:24,000 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).
<b>Geologic setting</b>	

<b>Length (km)</b>	8 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>	#8038 Clahan, K.B., Bezore, S.P., Koehler, R.D., and Witter, R.C., 2003, Geology of the Cotati 7.5-minute quadrangle, Sonoma County, 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>  #8149 Huftile, G.J., and Yeats, R.S., 1995, Convergence rates across a displacement transfer zone in the western Transverse Ranges, Ventura Basin, California: <i>Journal of Geophysical Research</i> , v. 88, no. B2, p. 2043–2067.

[Questions or comments?](#)

[Facebook](#) [Twitter](#) [Google](#) [Email](#)

[Hazards](#)

[Design Ground Motions](#)[Seismic Hazard Maps & Site-Specific Data](#)[Faults](#)[Scenarios](#)

[Earthquakes](#)[Hazards](#)[Data](#)[Education](#)[Monitoring](#)[Research](#)

[Home](#)[About Us](#)[Contacts](#)[Legal](#)