

# 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](#).

## Tiefert Mountains fault zone (Class A) No. 362

Last Review Date: 2017-05-15

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 362, Tiefort Mountains 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 03:10 PM.

<b>Synopsis</b>	
<b>Name comments</b>	
<b>County(s) and State(s)</b>	SAN BERNARDINO COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	BASIN AND RANGE
<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 McMackin and others (1983) and

	Schermer and others (1996) mapped at unspecified scale.
<b>Geologic setting</b>	
<b>Length (km)</b>	46 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>	#8204 McMackin, M.R., Troxel, B.W., Brady, R.H., III, and Hsu, E., 1983, Geologic map of Fort Irwin Military Reservation, San Bernardino County, California: unpublished mapping for the California Division of Mines and Geology Data Base Augmentation Program, scale 1:62,500.  #8255 Schermer, E.R., Luyendyk, B.P., and Cisowski, S., 1996, Late Cenozoic structure and tectonics of the northern Mojave Desert: Tectonics, v. 15, p. 905–932.

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