

# 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](#).

## Mission Hills fault zone (Class A) No. 280

Last Review Date: 2017-05-15

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 280, Mission Hills 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 02:52 PM.

<b>Synopsis</b>	
<b>Name comments</b>	<b>Fault ID:</b> Refers to fault number 354 of Jennings (1994).
<b>County(s) and State(s)</b>	LOS ANGELES COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Good Compiled at 1:24,000 and 1:100,000 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 map by Saul (1979) and 1:100,000-scale map by

	Yerkes and Campbell (2005).
<b>Geologic setting</b>	
<b>Length (km)</b>	11 km.
<b>Average strike</b>	
<b>Sense of movement</b>	Reverse
<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>	#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.  #8250 Saul, R.B., 1979, Geology of the southeast quarter of the Oat Mountain 7.5-minute quadrangle, Los Angeles County, California: California Division of Mines and Geology Map Sheet MW 30, scale 1:24,000.  #8382 Yerkes, R.F., and Campbell, R.H., 2005, Preliminary

geologic map of the Los Angeles 30' x 60' quadrangle, southern California: U.S. Geological Survey Open-File Report 05-1019, sheet 1, scale 1:100,000.

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