

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](#).

Mesa-Rincon Creek fault zone (Class A) No. 264

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 264, Mesa-Rincon Creek 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 02:54 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 326 of Jennings (1994).
County(s) and State(s)	SANTA BARBARA COUNTY, CALIFORNIA VENTURA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:24,000 and 1:250,000 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 1:250,000-scale maps by Diblee (1986, 1987) and Minor and others (2009) supplemented by 1:250,000-scale map by Ziony and Jones (1989).
Geologic setting	
Length (km)	37 km.
Average strike	
Sense of movement	
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	late Quaternary (<130 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#7928 Diblee, T.W., Jr., 1986, Geologic map of the Carpinteria quadrangle, Santa Barbara County, California: Dibble Geological Foundation Map DF-04, scale 1:24,000. #7932 Diblee, T.W., Jr., 1987, Geologic map of the White Ledge Peak quadrangle, Santa Barbara County, California: Dibble Geological Foundation Map DF-11, scale 1:24,000.

#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.

#8207 Minor, S.A., Kellogg, K.S., Stanley, R.G., Gurrola, L.D., Keller, E.A., and Brandt, T.R., 2009, Geologic map of the Santa Barbara coastal plain area, Santa Barbara County, California: U.S. Geological Survey Scientific Investigations Map 3001, scale 1:24,000.

#8385 Ziony, J.I., and Jones, L.M., 1989, Map showing late Quaternary faults and 1978–84 seismicity of the Los Angeles region, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1964, scale 1:250,000.

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