

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](#).

Hidden Spring fault zone (Class A) No. 313

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 313, Hidden Spring 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 02:51 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 475 of Jennings (1994).
County(s) and State(s)	RIVERSIDE COUNTY, CALIFORNIA
Physiographic province(s)	BASIN AND RANGE
Reliability of location	Compiled at 1:14,000; 1:24,000; and 1:50,000 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 map by Bryant (2012), Clark (1984), Crowell

	(1959, Hays (1957, Riverside County (2001)
Geologic setting	
Length (km)	31 km.
Average strike	
Sense of movement	Right lateral
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	latest Quaternary (<15 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#8022 Bryant, W.A., 2012, San Andreas, Hidden Spring, Skeleton Canyon, Mecca Hills, and related faults, Riverside and Imperial Counties, California: California Geological Survey Fault Evaluation Report FER-252, 29 p. website, [ftp://ftp.consrv.ca.gov/pub/dmg/pubs/fer/252/]. #4812 Clark, M.M., 1984, Map showing recently active breaks along the San Andreas fault and associated faults between Salton Sea and Whitewater River-Mission Creek, California: U.S. Geological Survey Miscellaneous Investigations Map I-1483, 6 p. pamphlet, 2 sheets, scale 1:24,000.

#8051 Crowell, J.C., 1959, Geologic map of the Orocopia Mountains: University of California, Los Angeles, unpublished Faculty Research map (1957–1959) of part of the Cottonwood Spring and Canyon Spring quadrangles, scale approximately 1:50,000.

#8131 Hays, W.H., 1957, Geology of the central Mecca Hills, Riverside County, California: New Haven, Connecticut, Yale University, unpublished Ph.D. thesis, 324 p., map scale 1:14,000.

#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.

#8239 Riverside County, compiler, 2001, GIS files of recently active faults in Riverside County, California: Riverside County, unpublished digital compilation of recently active faults.

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