

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](#).

Northern Centinela fault zone (Class A) No. 504

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 504, Northern Centinela 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 03:08 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 548 of Jennings (1994).
County(s) and State(s)	IMPERIAL COUNTY, CALIFORNIA
Physiographic province(s)	BASIN AND RANGE
Reliability of location	Compiled at 1: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 Treiman (2012).

Geologic setting	
Length (km)	4 km.
Average strike	
Sense of movement	Left 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	#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. #8332 Treiman, J.A., 2012, Faults of the Yuha Desert and the southeastern portion of the Elsinore fault zone, Imperial County, California: California Geological Survey Fault Evaluation Report FER-254, 55 p., website, ftp://ftp.consrv.ca.gov/pub/dmg/pubs/fer/254/ .

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