

# 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](#).

## Puente Hills blind thrust system, Coyote Hills section (Class A) No. 185c

Last Review Date: 2017-07-01

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 185c, Puente Hills blind thrust system, Coyote Hills section, 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 02:25 PM.

<b>Synopsis</b>	<b>General:</b>  <b>Sections:</b> This fault has 3 sections.
<b>Name comments</b>	<b>General:</b>
<b>County(s) and State(s)</b>	LOS ANGELES COUNTY, CALIFORNIA ORANGE COUNTY, CALIFORNIA
<b>Physiographic province(s)</b>	PACIFIC BORDER
<b>Reliability of location</b>	Poor Compiled at 1: 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 Shaw and others (2002).
<b>Geologic setting</b>	
<b>Length (km)</b>	This section is 25 km of a total fault length of km.
<b>Average strike</b>	
<b>Sense of movement</b>	Thrust
<b>Dip</b>	26° N
<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>	Between 0.2 and 1.0 mm/yr
<b>Date and Compiler(s)</b>	2017 William A. Bryant, California Geological Survey
<b>References</b>	#8461 Shaw, J.J., Plesch, A., Dolan, J.F., Pratt, T.L., and Fiore, P., 2002, Puente Hills blind-thrust system, Los Angeles, California: Bulletin of the Seismological Society of America, v. 92, no. 8, p. 2946–2960.

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