

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, Los Angeles section (Class A) No. 185a

Last Review Date: 2017-07-01

citation for this record: Bryant, W.A., compiler, 2017, Fault number 185a, Puente Hills blind thrust system, Los Angeles 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.

Synopsis	General: Sections: This fault has 3 sections.
Name comments	General:
County(s) and State(s)	LOS ANGELES COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	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).
Geologic setting	
Length (km)	This section is 23 km of a total fault length of km.
Average strike	290
Sense of movement	Thrust
Dip	27° N.
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	undifferentiated Quaternary (<1.6 Ma) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Between 0.2 and 1.0 mm/yr
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#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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