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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.

Northridge blind thrust (Class A) No. 135

Last Review Date: 2017-07-01

citation for this record: **Bryant, W.A., compiler, 2017, Fault number 135, Northridge blind thrust, 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 02:14 PM.**

Synopsis	
Name comments	
County(s) and State(s)	LOS ANGELES COUNTY, CALIFORNIA VENTURA COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Poor Compiled at 1: scale. *Comments:* Location of fault from Qt_flt_ver_3-0_Final_WGS84_polyline.shp (Bryant, W.A., written communication to K.Haller, August 15, 2017) attributed to Plesch and others (2007).

Geologic setting	
Length (km)	41 km.
Average strike	
Sense of movement	Thrust
Dip	35° S.
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	Northridge earthquake 1994
Most recent prehistoric deformation	undifferentiated Quaternary (<1.6 Ma) *Comments:*
Recurrence interval	
Slip-rate category	Between 1.0 and 5.0 mm/yr
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#8407 Plesch, A., Shaw, J.H., Benson, C., Bryant, W.A., Carena, S., Cooke, M., Dolan, J., Fuis, G., Gath, E., Grant, L., Hauksson, E., Jordan, T., Kamerling, M., Legg, M., Lindvall, S., Magistrale, H., Nicholson, C., Niemi, N., Oskin, M., Perry, S., Planansky, G., Rockwell, T., Shearer, P., Sorlien, C., Süss, M.P., Suppe, J., Treiman, J., and Yeats, R., 2007, Community Fault Model (CFM) for southern California: Bulletin of the Seismological Society of America, v. 97, p. 1793–1802.