

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](#).

Nelson Corral fault (Class A) No. 177

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 177, Nelson Corral fault, 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 02:24 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 26A of Jennings (1994).
County(s) and State(s)	LASSEN COUNTY, CALIFORNIA
Physiographic province(s)	BASIN AND RANGE
Reliability of location	Good Compiled at 1:62,500 and 1:125,000 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 1:62,500-scale map by Bryant (1990) and 1:125,000-scale map by

	California Department of Water Resources (1963).
Geologic setting	
Length (km)	34 km.
Average strike	
Sense of movement	
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	late Quaternary (<130 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#8010 Bryant, W. A., 1990, Evaluation of the Likely fault zone, Lassen and Modoc Counties, California: California Department of Conservation, Division of Mines and Geology, Fault Evaluation Report FER-218, scale 1:62,500, in Fault Evaluation Reports Prepared Under the Alquist-Priolo Earthquake Fault Zoning Act, Region 3 – Northern and Eastern California: California Geological Survey CGS CD 2002-03 (2002). #5276 California Department of Water Resources, 1963, Northeastern Counties ground-water investigation: California Department of Water Resources Bulletin 98, v. 1 and 2, 224 p., 32

pls., scale 1:125,000.

#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.

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