

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](#).

Walnut Creek fault (Class A) No. 333

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 333, Walnut Creek 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 02:51 PM.

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|----------------------------------|---|
| Synopsis | |
| Name comments | |
| County(s) and State(s) | LOS ANGELES COUNTY, CALIFORNIA |
| Physiographic province(s) | PACIFIC BORDER |
| Reliability of location | Poor Compiled at 1:100,000 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 Morton and Miller (2003). |

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| | |
| Geologic setting | |
| Length (km) | 19 km. |
| Average strike | |
| Sense of movement | Unspecified |
| Dip | |
| 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 | Unspecified |
| Date and Compiler(s) | 2017 William A. Bryant, California Geological Survey |
| References | #8213 Morton, D.M., and Miller, F.K., 2003, Preliminary geologic map of the San Bernardino 30' x 60' quadrangle, California: U.S. Geological Survey Open-File Report 03-293, scale 1:100,000. |

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