# 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.**

## Mocho fault (Class A) No. 399

Last Review Date: 2017-05-15

*citation for this record:* Bryant, W.A., compiler, 2017, Fault number 399, Mocho 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 03:10 PM.

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| **Synopsis** | |
| **Name comments** | |
| **County(s) and State(s)** | ALAMEDA COUNTY, CALIFORNIA |
| **Physiographic province(s)** | PACIFIC BORDER |
| **Reliability of location** | Compiled at 1:62,500 scale.<br><br>*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 1:62,500-scale map by Hart (1981). |

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| **Geologic setting** | |
| **Length (km)** | 5 km. |
| **Average strike** | |
| **Sense of movement** | |
| **Dip** | |
| **Paleoseismology studies** | |
| **Geomorphic expression** | |
| **Age of faulted surficial deposits** | |
| **Historic earthquake** | |
| **Most recent prehistoric deformation** | undifferentiated Quaternary (<1.6 Ma)<br><br>*Comments:* |
| **Recurrence interval** | |
| **Slip-rate category** | Unspecified |
| **Date and Compiler(s)** | 2017<br>William A. Bryant, California Geological Survey |
| **References** | #8123 Hart, E.W., 1981, Pleasanton and related faults (Dublin quadrangle vicinity), Alameda and Contra Costa counties, California: California Division of Mines and Geology Fault Evaluation Report 109, 1 supplement, in Fault Evaluation Reports Prepared Under the Alquist-Priolo Earthquake Fault Zoning Act, Region 1 – Central California: California Geological Survey CGS CD 2002-01 (2002). |

Questions or comments?