

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](#).

Oak Ridge fault (Class A) No. 94

Last Review Date: 2017-05-15

citation for this record: , compiler, 2017, Fault number 94, Oak Ridge 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 03:11 PM.

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| Synopsis | |
| Name comments | Fault ID: Refers to fault number 335 of Jennings (1994). |
| County(s) and State(s) | VENTURA COUNTY, CALIFORNIA |
| Physiographic province(s) | PACIFIC BORDER |
| Reliability of location | Good Compiled at 1:24,000; 1:100,000; 1:250,000 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 Treiman (1990), Yerkes and Campbell (2005) , Tan and others (2004, 2004), Vedolone and others (1986), and Fischer and others (2005). |

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| Geologic setting | |
| Length (km) | 98 km. |
| Average strike | |
| Sense of movement | Reverse |
| Dip Direction | S |
| 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 |
| References | <p>#8098 Fisher, M.A., Greene, H.G., Normark, W.R., and Sliter, R.W., 2005, Neotectonics of the Offshore Oak Ridge fault near Ventura, Southern California: Bulletin Seismological Society America, v. 95, p. 739–744.</p> <p>#2878 Jennings, C.W., 1994, Fault activity map of California and adjacent areas, locations of recent volcanic eruptions: California Division of Mines and Geology Geologic Data Map 6, 92 p., 2 pls., scale 1:750,000.</p> <p>#8308 Tan, S.S., Clahan, K.B., and Irvine, P.J., 2004, Geologic map of the Santa Barbara 7.5' quadrangle, Ventura County, California—A digital database, version 1.0: California Geological Survey Preliminary Geologic Map, website, http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps</p> |

#8310 Tan, S.S., Clahan, K.B. and Rosinski, A.M., 2004, Geologic map of the Santa Paula 7.5" quadrangle, Ventura County, California—A digital database, version 1.0: California Geological Survey Preliminary Geologic Map, website, http://www.conservation.ca.gov/cgs/rghm/rgm/Pages/preliminary_geologic_maps

#8320 Treiman, J.A., 1990, Oak Ridge and related faults, vicinity of Fillmore and Santa Paula, Ventura County, California: California Division of Mines and Geology Fault Evaluation Report 219, in Fault Evaluation Reports Prepared Under the Alquist-Priolo Earthquake Fault Zoning Act, Region 2 – Southern California: California Geological Survey CGS CD 2002-02 (2002).

#8344 Vedder, J.G., Greene, H.G., Clarke, S.H., and Kennedy, M.P., 1986, Geologic map of the mid-southern California continental margin, Map No. 2A (Geology), Greene, H.G., and Kennedy, M.P., eds., Geology of the mid-southern California continental margin: California Division of Mines and Geology California Continental Margin Geologic Map Series, Area 2 of 7, scale 1:250,000.

#8382 Yerkes, R.F., and Campbell, R.H., 2005, Preliminary geologic map of the Los Angeles 30' x 60' quadrangle, southern California: U.S. Geological Survey Open-File Report 05-1019, sheet 1, scale 1:100,000.

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