

# 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](#).

## unnamed fault northwest of Kilgore (Class A) No. 618

Last Review Date: 2013-05-01

### Compiled in cooperation with the Idaho Geological Survey

*citation for this record:* Haller, K.M., Adema, G.W., and Lewis, R.S., compilers, 2013, Fault number 618, unnamed fault northwest of Kilgore, 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 03:03 PM.

<b>Synopsis</b>	Fault is poorly understood, no known studies have been completed at time of this compilation. Sole source of data is Witkind (1975 #320).
<b>Name comments</b>	Fault as shown by Witkind (1975 #320) extends from about 0.7 km northwest of Kilgore, Idaho, southeast to about 0.1 km north of Idmon, Idaho.  <b>Fault ID:</b> Refers to number 102 ("unnamed fault") in Witkind (1975 #320).

<b>County(s) and State(s)</b>	CLARK COUNTY, IDAHO
<b>Physiographic province(s)</b>	NORTHERN ROCKY MOUNTAINS COLUMBIA PLATEAU
<b>Reliability of location</b>	Poor Compiled at 1:500,000 scale.  <i>Comments:</i> Location of fault based on 1:500,000-scale map of Witkind (1975 #320).
<b>Geologic setting</b>	High-angle, down-to-northeast, normal fault along southwest side of West Camas Creek in the Bitterroot Range. Fault is south of and parallel to unnamed fault along Camas Creek [617].
<b>Length (km)</b>	8 km.
<b>Average strike</b>	N41°W
<b>Sense of movement</b>	Normal  <i>Comments:</i> (Witkind, 1975 #320)
<b>Dip Direction</b>	NE
<b>Paleoseismology studies</b>	
<b>Geomorphic expression</b>	
<b>Age of faulted surficial deposits</b>	
<b>Historic earthquake</b>	
<b>Most recent prehistoric deformation</b>	undifferentiated Quaternary (<1.6 Ma)  <i>Comments:</i> Witkind (1975 #320) suggests fault is probably Quaternary. Gilbert and others (1983 #434) conservatively assume that this fault is related to Quaternary faulting. Fault shown on map of Breckenridge and others (2003 #5878) in similar fashion as in this compilation.
<b>Recurrence</b>	

<b>interval</b>	
<b>Slip-rate category</b>	<p>Less than 0.2 mm/yr</p> <p><i>Comments:</i> Low slip rate is assigned based on the lack of evidence to indicate otherwise. Wong and others (2000 #4484) grouped this fault with fault numbers 615 and 617 and assigned a slip rate of 0.03 mm/yr (with an assigned probability of activity of 0.7) for their probabilistic seismic hazard analyses of the region; however, no new field investigations were initiated for this study. These numbers are assigned based on analogy with the nearby Deadman fault [606].</p>
<b>Date and Compiler(s)</b>	<p>2013</p> <p>Kathleen M. Haller, U.S. Geological Survey  Guy W. Adema, Idaho Geological Survey  Reed S. Lewis, Idaho Geological Survey</p>
<b>References</b>	<p>#5878 Breckenridge, R.M., Lewis, R.S., Adema, G.W., and Weisz, D.W., 2003, Miocene and younger faults in Idaho: Idaho Geological Survey Map 8, 1 sheet, scale 1:1,000,000.</p> <p>#434 Gilbert, J.D., Ostenaar, D., and Wood, C., 1983, Seismotectonic study Island Park Dam and Reservoir, Minidoka Project, Idaho-Wyoming: U.S. Bureau of Reclamation Seismotectonic Report 83-1, 37 p., 6 pl.</p> <p>#320 Witkind, I.J., 1975, Preliminary map showing known and suspected active faults in Idaho: U.S. Geological Survey Open-File Report 75-278, 71 p. pamphlet, 1 sheet, scale 1:500,000.</p> <p>#4484 Wong, I., Olig, S., and Dober, M., 2000, Preliminary probabilistic seismic hazard analyses—Island Park, Grassy Lake, Jackson Lake, Palisades, and Ririe Dams: U.S. Department of the Interior, Bureau of Reclamation Technical Memorandum D8330-2000-17.</p>

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