

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](#).

Frigid Creek fault (Class A) No. 544

Last Review Date: 2017-07-01

citation for this record: , compiler, 2017, Fault number 544, Frigid 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 03:05 PM.

Synopsis	
Name comments	
County(s) and State(s)	MASON COUNTY, WASHINGTON
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Compiled at 1:unspecified scale. <i>Comments:</i> WA Witter and Givler (2005), Blakely and others (2009), Barnett and others (2010) mapped at unspecified scale.
Geologic setting	

Length (km)	10 km.
Average strike	
Sense of movement	Normal
Dip Direction	SE
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	latest Quaternary (<15 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017
References	<p>#7611 Barnett, E.A., Haugerud, R.A., Sherrod, B.L., Weaver, C.S., Pratt, T.L., and Blakely, R.J., compilers, 2010, Preliminary atlas of active shallow tectonic deformation in the Puget Lowland, Washington: U.S. Geological Survey Open-File Report 2010-1149, 32 p., 14 maps.</p> <p>#7647 Blakely, R.J., Sherrod, B.L., Hughes, J.F., Anderson, M.L., Wells, R.E., and Weaver, C.S., 2009, Saddle Mountain fault deformation zone, Olympic Peninsula, Washington— Western boundary of the Seattle uplift: <i>Geosphere</i>, v. 5, p. 105–125, doi:10.1130/GES00196.1.</p> <p>#7013 Witter, R.C., and Givler, R.W., 2005, Two post-glacial earthquakes on the Saddle Mountain West fault, southeastern Olympic Peninsula, Washington: Technical report to U.S.</p>

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