

KITTITAS COUNTY

Saddle Mountain Peak Ground Acceleration 7.3 Magnitude Scenario

Mercalli Scale, Potential Damage

-  V, Very Light
-  VI, Light
-  VII, Moderate
-  VIII, Moderate-Heavy
-  IX, Heavy

Magnitude: 7.3
Depth: 0.0km
Epicenter: N46.79 W119.79
Appx. 23mi SE of Ellensburg, WA

The Saddle Mountain Fault extends at least 35 km, from 6 km southwest of Lake Cushman to the Seattle Fault east of Hood Canal.

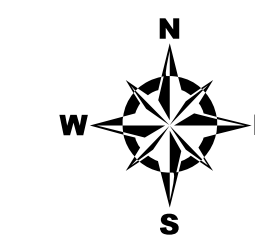
A ShakeMap is designed as a rapid response tool to portray the extent and variation of ground shaking throughout the affected region immediately following significant earthquakes. Ground motion and intensity maps are derived from peak ground motion amplitudes recorded on seismic sensors (accelerometers), with interpolation based on both estimated amplitudes where data are lacking, and site amplification corrections. Color-coded instrumental intensity maps are derived from empirical relations between peak ground motions and Modified Mercalli intensity. United States Geological Survey (USGS)

October 2010

Saddle Mountain Fault PGA Shake Map Data
United States Geological Survey

1 inch equals 10,000 feet

1:120,000



0 2.5 5 10 15 20 Kilometers

0 2.5 5 10 15 20 Miles

