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

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

United States Geological Survey (USGS)

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.

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October 2010
Magnitude: 7.3
Depth: 0.0km
Epicenter: N46.79 W119.79
Appx. 23mi SE of Ellensburg, WA

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