Map 11-2

Seattle Fault Peak Ground Acceleration; 7.2-Magnitude Scenario Shake Map

Mercalli Scale, Potential Damage

- IV, None
- V, Very Light
- VI, Light
- VII, Moderate
- VIII, Moderate-Heavy
- IX, Heavy

Shoreline
Lake Forest Park
Kenmore
Bothell
Woodinville
Duvall
Redmond
Kirkland
Carnation
Clyde Hill
Medina
Seattle
Bellevue
Sammamish
Mercer Island
Issaquah
Snoqualmie
Newcastle
North Bend
Burien
Tukwila
Renton
Normandy Park
SeaTac
Des Moines
Kent
Covington
Maple Valley
Auburn
Federal Way
Black Diamond
Algona
Pacific
Enumclaw

Data Sources:
King County GIS
US Geological Survey
Washington State Department of Natural Resources, Division of Geology and Earth Resources

Tetra Tech, Inc.
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0 2.5 5 10 Kilometers

0 2.5 5 10 Miles

N
W E
S

Magnitude: 7.2
Depth: 10.0km
Epicenter: N47.60 W122.57
Appx. 10mi W of Seattle, WA

The Seattle fault is a zone of thrust or reverse faults that strikes through downtown Seattle in the densely populated Puget Lowland of western Washington. Analysis of seismic profiles extending 50 km across the Puget Lowland from Lake Washington to Hood Canal indicates that the west-trending Seattle fault comprises a broad (4-6 km) zone of three or more south-dipping reverse faults.

KING COUNTY FLOOD CONTROL DISTRICT

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