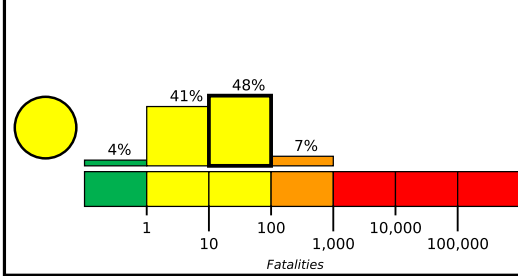


M 7.0, Scenario Portland Hills fault

Origin Time: 2026-07-13 16:00:00 UTC (Mon 09:00:00 local)
 Location: 45.5250° N 122.7874° W Depth: 9.0 km

PAGER Version 2

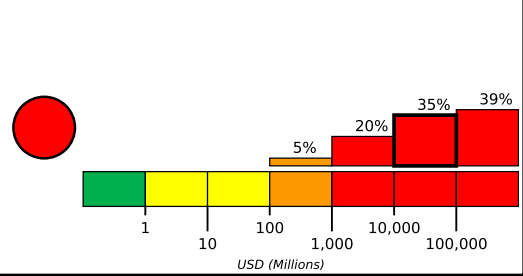
Estimated Fatalities



Red alert for economic losses. Extensive damage is probable and the disaster is likely widespread. Estimated economic losses are less than 1% of GDP of the United States. Past events with this alert level have required a national or international level response.

Yellow alert for shaking-related fatalities. Some casualties are possible.

Estimated Economic Losses

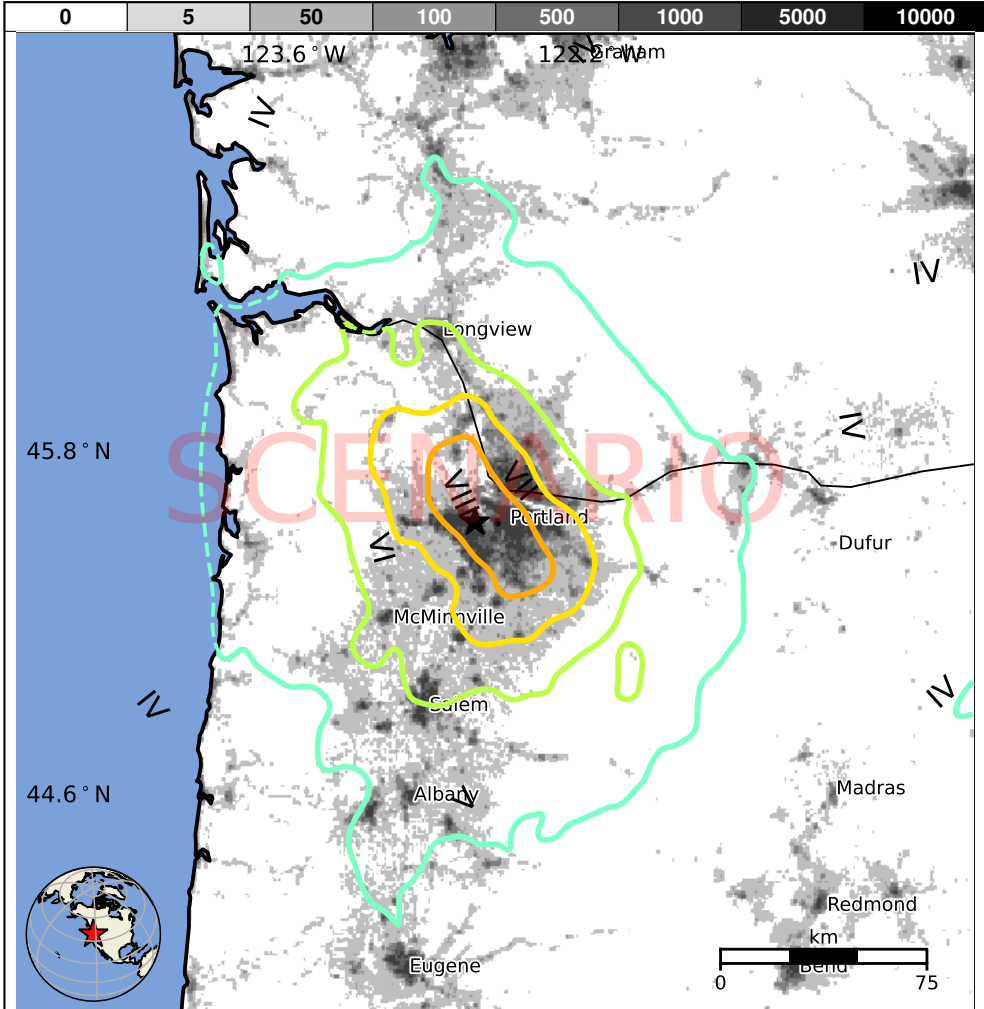


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	—*	1,446k*	626k	620k	987k	1,351k	1k	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1993-03-25	54	5.6	VII(8k)	0
1993-09-21	363	6.0	VI(47k)	1
1965-04-29	202	6.5	VIII(131k)	7

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from simplemaps.com

MMI	City	Population
VIII	Milwaukie	21k
VIII	Oatfield	13k
VIII	Jennings Lodge	8k
VIII	Gladstone	12k
VIII	Oak Grove	17k
VIII	Bethany	29k
VIII	Portland	2,037k
VIII	Beaverton	97k
VIII	Hillsboro	106k
VII	Gresham	114k
VII	Vancouver	188k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<http://earthquake.usgs.gov/data/pager/>

Event ID: adhocportland.hills.se