



Earthquakes 1973-2001

- Magnitude
- >= 6.0
 - 5.0-5.9
 - 4.0-4.9
 - 3.0-3.9
 - 0.0-2.9

The Ring of Fire
Volcanoes and Earthquakes around the Pacific Rim

The Ring of Fire is a zone of frequent earthquakes and volcanic eruptions that encircles the basin of the Pacific Ocean. About 90% of the world's earthquakes and 81% of the world's largest earthquakes occur along the Ring of Fire.

The western edge of the North American continent falls along the Ring of Fire. Here, earthquakes are primarily located along the shifting edge between two of the world's largest plates, the North American and Pacific plates.

However, there have been no "big" earthquakes in Oregon's brief history.

Earthquakes in Oregon 1840-1998

- >= 5.0
- 4.0 - 4.9
- 3.0 - 3.9
- 2.0 - 2.9
- 1.0 - 1.9
- < 1.0

All of Oregon west of the Cascades is at risk from subduction-zone earthquakes. The amount of earthquake damage at any place will depend on its distance from the epicenter, local soil conditions, and types of construction.