

FEMA Region X Report

REGION #10

Contact Information/Website: <https://www.fema.gov/region-x-ak-id-or-wa>

Location of Region:

FEMA Region 10 encompasses the states of the Pacific Northwest, along with Idaho. These states include Washington, Oregon, and Alaska.

Number of Tribes:

There are **271** FEMA recognized tribes

Number of Mitigation Plans Summarized

There are **25** tribal hazard mitigation plans summarized;

Washington: **16**

Oregon: **5**

Alaska: **3**

Idaho: **1**

Climatology and Trends

The Pacific Northwest is the best known for rainy weather. This region is also home to the Cascade Mountain Range that runs north-south through Washington and Oregon. This results in large climatic differences on the western and eastern sides of the range. West of the mountains, year-round temperatures are mild, winters are wet, while summers are dry. East of the mountains, it is typically sunnier and drier throughout the year, winters are colder, and summers can be significantly hotter.

FEMA Region 10 also encompasses the Cascadia subduction zone. This fault produces some of the largest and most damaging earthquakes in the world. Because of the Cascadia subduction zone, this region is prone to earthquakes, which was found to be one of the more prominent hazards within all of the hazard mitigation plans summarized. Along with earthquakes themselves, the secondary hazards that arise from the earthquakes are just as dangerous to the tribes of this region. Such secondary hazards include but are not limited to, landslides, tsunamis, and liquefaction. For example, the Suak Suiattle Indian Tribe of Skagit County, Washington states that the secondary effects of earthquakes can cause around \$441,000 in damages within their reservation.

Another trend within FEMA Region 10 is the risk of flooding. Most of the tribes within this region reside on the Pacific coast, thus extremely vulnerable to flooding and the exacerbated effects of flooding due to climate change. Because of such, many of these tribes are apart of the

National Flood Insurance Program through FEMA. As for the tribes that reside more inland, they are still subject to riverine flooding.