The Ring of Fire, also called the Circum-Pacific belt, is the zone of tectonic plates where most of the world's volcanic and earth tremor activity occurs. As two plates slide past one another, the movement is called subduction. When the plates are forced beneath another plate, it results in a subduction zone. Subduction zones can be shallow, moderate, or deep. The Cascadia Subduction Zone is a subduction zone on the west coast of North America. It is located under the Pacific Northwest. The Cascadia Subduction Zone is potentially very hazardous because it is a shallow subduction zone. This zone is associated with a series of devastating earthquakes. The largest earthquake in this zone occurred around 1700.

The Cascadia Subduction Zone is located between 42° and 49° North latitude and 125° West longitude. The subducting plate is the Pacific plate, which is being forced beneath the North American plate. The subduction zone extends from northern California to southern British Columbia. The Cascadia Subduction Zone is not a straight line, but rather a curved line with two abrupt bends, one near Vancouver, British Columbia, and the other near Coos Bay, Oregon.

The Cascadia Subduction Zone has the potential to cause widespread destruction and loss of life. The potential impact of a large earthquake in this zone is significant because of the large population and infrastructure in the region. The Cascadia Subduction Zone is located near many major cities, including Portland, Oregon, and Seattle, Washington. The Cascadia Subduction Zone is also located near many important infrastructure, such as ports and airports.

The Cascadia Subduction Zone is a major seismic zone and is known for its large earthquakes. The largest earthquake in this zone occurred in 1700 and had a magnitude of 9.0. The Cascadia Subduction Zone is a shallow subduction zone and is located near many major cities, including Portland, Oregon, and Seattle, Washington. The Cascadia Subduction Zone is also located near many important infrastructure, such as ports and airports.

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