Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 18:10:50 11 Aug 2018	CRESTON 21:10:50 11 Aug 2018	WASH.D.C. 00:10:50 12 Aug 2018	ZULU 04:10:50 12 Aug 2018	NAIROBI 07:10:50 12 Aug 2018	BANGKOK 11:10:50 12 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 44.87244508 N˚ , -122.309862767 E˚
Upper Right Latitude/Longitude: 50.87244508 N˚ , -116.309862767 E˚

Legend

Population Density (person/sqkm)

0 — 170,000

Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Active Extreme Temperature

Event	Severity	Date (UTC)	Name	Lat/Long
		06-Aug-2018 21:24:18	Extreme Heat - Northeastern Oregon and Eastern Washington, United States	46.05° N / 118.41° W

Active Wild Fire

Event	Severity	Date (UTC)	Name	Lat/Long
		12-Aug-2018 04:02:46	Wildfire - NE of Wenatchee, Washington - United States	47.87° N / 119.31° W
		12-Aug-2018 04:02:45	Wildfire - NW of Creston, British Columbia - Canada	49.27° N / 116.71° W

Source: PDC

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Canada ranks **154** out of **165** countries assessed for Lack of Resilience. Canada is less resilient than 7% of countries assessed. This indicates that Canada has very low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

United States ranks **149** out of **165** countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Source: PDC

Regional Overview

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Population Data:

2011

Total: 4, 623, 452
Max Density: 14, 150(ppl/km^2)

Populated Areas:

No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities.

Source: iSciences

Risk & Vulnerability

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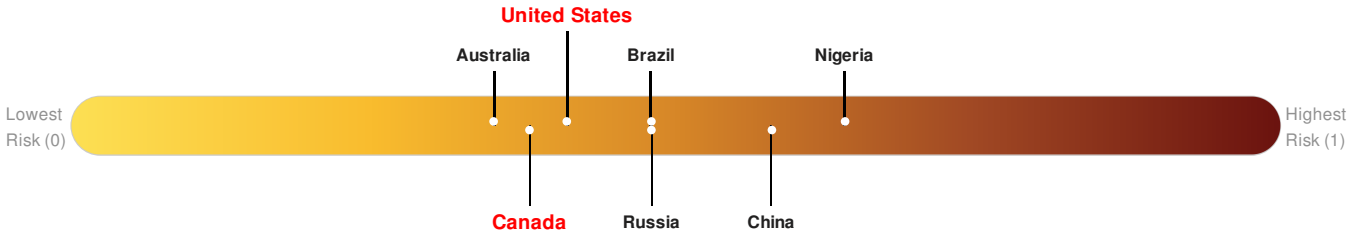
Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **Canada** ranks **132** out of **165** countries assessed for Multi Hazard Risk. Canada has a Multi Hazard Risk higher than 20% of countries assessed. This indicates that Canada has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **United States** ranks **121** out of **165** countries assessed for Multi Hazard Risk. United States has a Multi Hazard Risk higher than 27% of countries assessed. This indicates that United States has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

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Source: PDC

Historical Hazards

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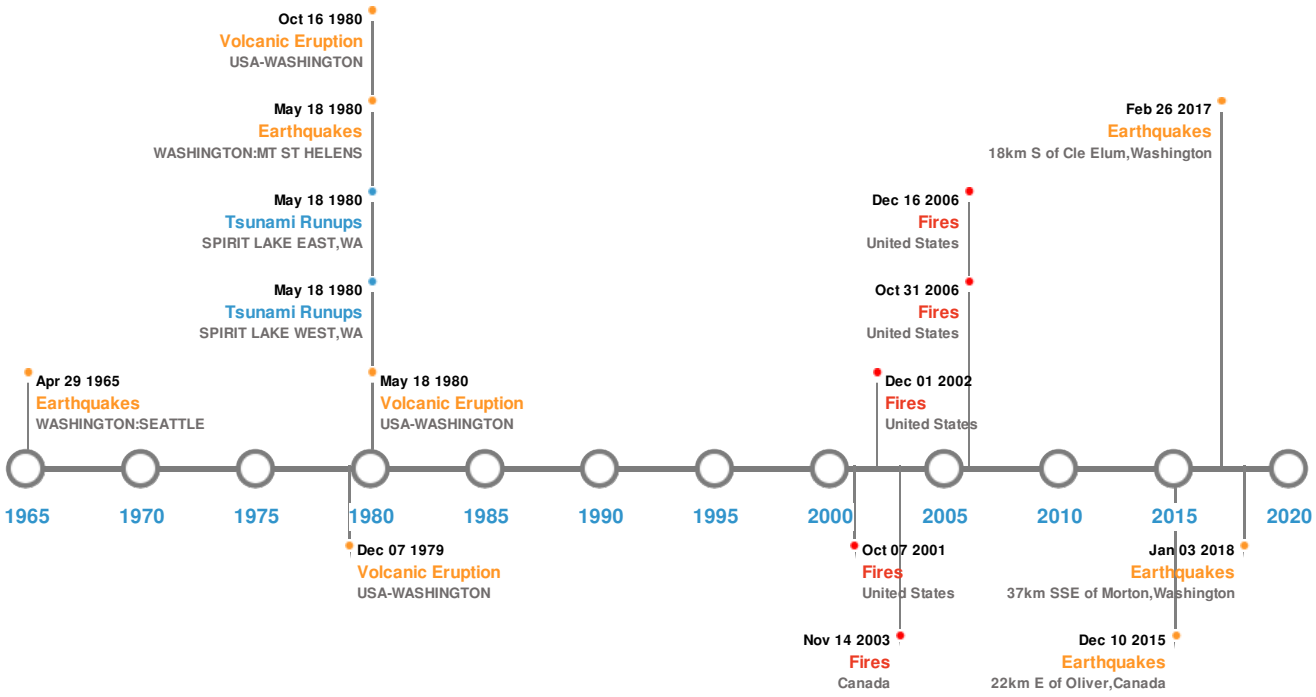
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	29-Apr-1965 00:15:00	6.60	59	WASHINGTON: SEATTLE	47.4° N / 122.3° W
	18-May-1980 00:15:00	5.20	4	WASHINGTON: MT ST HELENS	46.21° N / 122.19° W
	10-Sep-2016 16:16:31	3.90	6.59	22km E of Oliver, Canada	49.22° N / 119.25° W
	03-Jan-2018 08:36:25	3.87	10.23	37km SSE of Morton, Washington	46.26° N / 122.06° W
	26-Feb-2017 13:59:17	3.50	4.7	18km S of Cle Elum, Washington	47.03° N / 120.95° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ST. HELENS, MT.	18-May-1980 00:00:00	5.00	USA-WASHINGTON	46.2° N / 122.18° W
	ST. HELENS, MT.	01-Jan-1500 00:00:00	5.00	USA-WASHINGTON	46.2° N / 122.18° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ST. HELENS, MT.	01-Jan-1800 00:00:00	4.00	USA-WASHINGTON	46.2° N / 122.18° W
	ST. HELENS, MT.	16-Oct-1980 00:00:00	3.00	USA-WASHINGTON	46.2° N / 122.18° W
	ST. HELENS, MT.	07-Aug-1980 00:00:00	3.00	USA-WASHINGTON	46.2° N / 122.18° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	18-May-1980 00:00:00	USA	250	-	SPIRIT LAKE WEST, WA	46.27° N / 122.14° W
	18-May-1980 00:00:00	USA	225	-	SPIRIT LAKE EAST, WA	46.28° N / 122.12° W
	10-Apr-1952 00:00:00	USA	19.81	-	F.D. ROOSEVELT LAKE, WA	47.95° N / 118.97° W
	27-Jul-1949 00:00:00	USA	19.81	-	F.D. ROOSEVELT LAKE, WA	47.95° N / 118.97° W
	09-Apr-1944 00:00:00	USA	9.14	-	F.D. ROOSEVELT LAKE, WA	47.95° N / 118.97° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	15-Jul-2007 00:00:00 - 16-Aug-2007 00:00:00	148.10	United States	45.44° N / 116.59° W
	26-Jul-2006 00:00:00 - 08-Nov-2006 00:00:00	46.90	United States	48.68° N / 119.91° W
	14-Aug-2001 00:00:00 - 07-Oct-2001 00:00:00	41.20	United States	48.17° N / 120.47° W
	17-Aug-2003 00:00:00 - 14-Nov-2003 00:00:00	34.20	Canada	49.75° N / 119.51° W
	02-Jul-2003 00:00:00 - 01-Aug-2003 00:00:00	30.80	United States	48.83° N / 120.17° W

Source: Wildfires

Disclosures

* As defined by the source (Dartmouth Flood Observatory, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.