



**Pacific Disaster Center**  
*Area Brief: General  
 Executive Summary*

**HONOLULU**  
 22:55:28  
 21 Oct 2018

**VANCOUVER**  
 01:55:28  
 22 Oct 2018

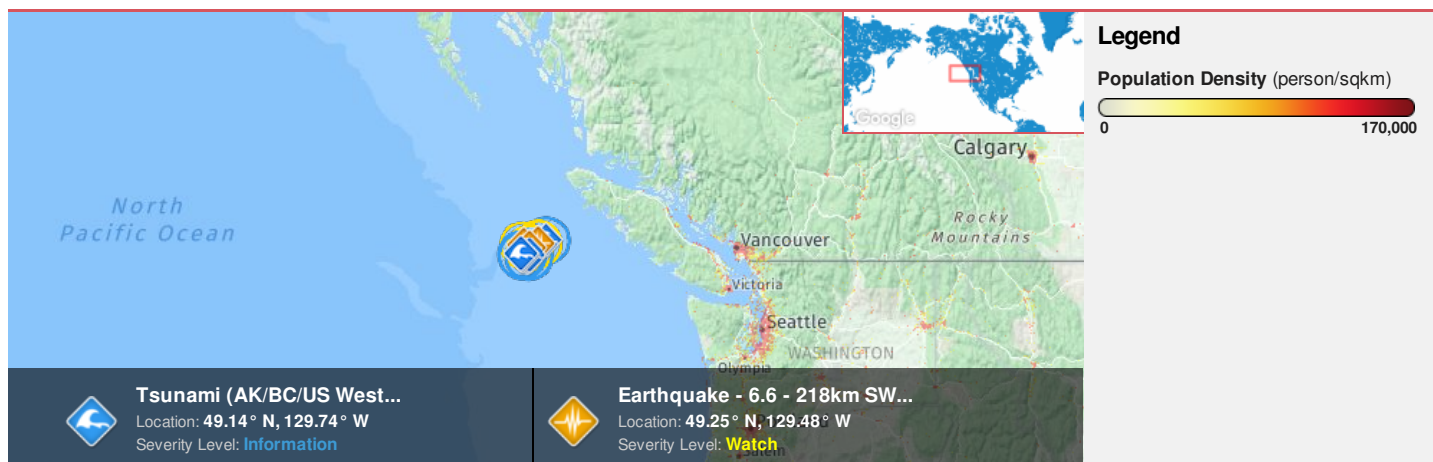
**WASH.D.C.**  
 04:55:28  
 22 Oct 2018

**ZULU**  
 08:55:28  
 22 Oct 2018

**NAIROBI**  
 11:55:28  
 22 Oct 2018

**BANGKOK**  
 15:55:28  
 22 Oct 2018

**Region Selected** » Lower Left Latitude/Longitude: 46.411 N° , -131.978 E°  
 Upper Right Latitude/Longitude: 52.411 N° , -125.97800000000001 E°



### 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:

#### Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		22-Oct-2018 06:47:47	6.5	10	223km SW of Port Hardy, Canada	49.31° N / 129.67° W
		22-Oct-2018 06:24:44	6.8	10	197km SW of Port Hardy, Canada	49.35° N / 129.21° W
		22-Oct-2018 05:45:55	6.6	10.96	218km SW of Port Hardy, Canada	49.25° N / 129.48° W

#### Active Recent Tsunamis

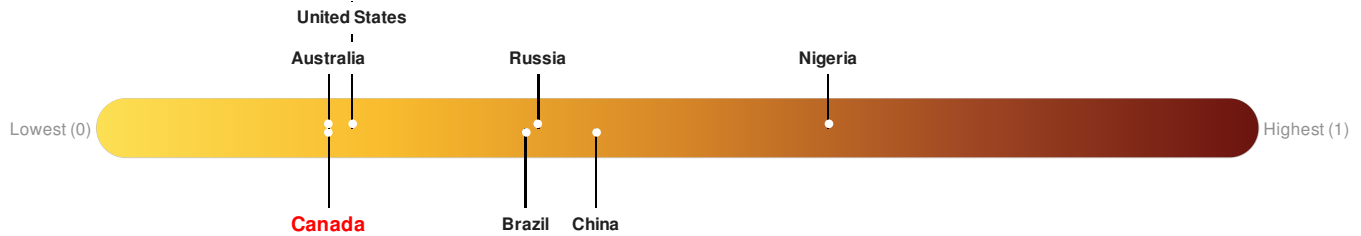
Event	Severity	Date (UTC)	Name	Lat/Long
		22-Oct-2018 08:54:43	Tsunami (AK/BC/US West Coast) - 95 miles SW of Port Alice, British Columbia - 4.5	49.41° N / 128.98° W
		22-Oct-2018 06:29:51	Tsunami (Pacific Ocean) - Vancouver Island Canada Region - 6.8	49.1° N / 129.5° W
		22-Oct-2018 06:24:48	Tsunami (AK/BC/US West Coast) - 130 miles SW of Port Alice, British Columbia - 6.8	49.08° N / 129.51° W
		22-Oct-2018 05:49:35	Tsunami (Pacific Ocean) - Vancouver Island Canada Region - 6.6	49.1° N / 129.7° 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 **164** 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 better able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

## Regional Overview

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## Population Data:

2011

Total: 19,114

Max Density: 2,271 (ppl/km<sup>2</sup>)

## 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](#)

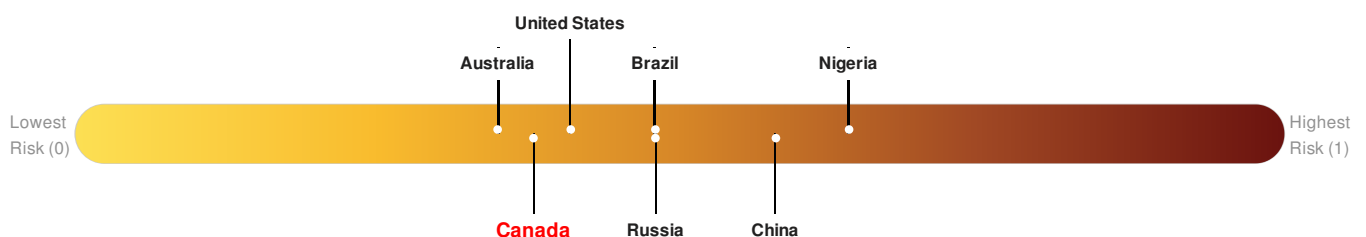
## Risk & Vulnerability

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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

**Canada** ranks **80** out of **164** countries assessed for Multi Hazard Risk. Canada has a Multi Hazard Risk higher than 20% of countries assessed. This indicates that Canada has a low likelihood of loss and/or disruption to normal function if exposed to a hazard.

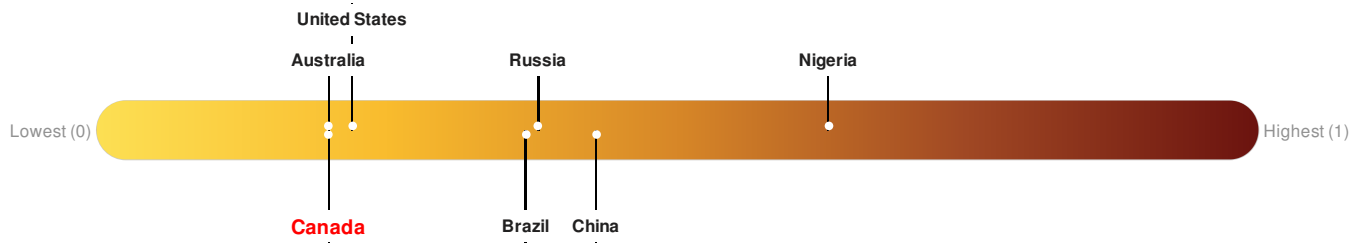


Source: [PDC](#)

## Lack of Resilience Index:

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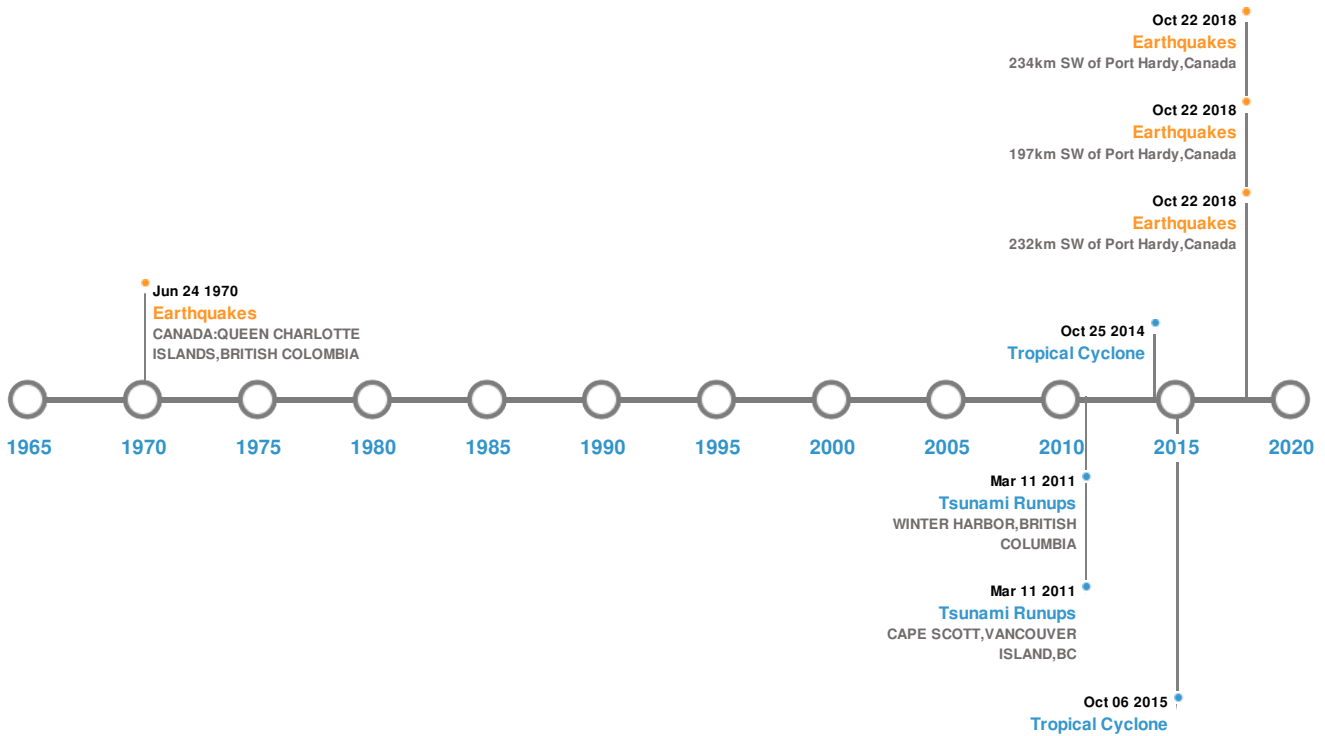


Source: [PDC](#)

## 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
	24-Jun-1970 00:13:00	7.50	12	CANADA: QUEEN CHARLOTTE ISLANDS, BRITISH COLOMBIA	51.8° N / 131° W
	26-May-1929 00:22:00	7.00	33	BRITISH COLUMBIA	51° N / 131° W
	22-Oct-2018 06:16:30	6.80	21	234km SW of Port Hardy, Canada	49.08° N / 129.51° W
	22-Oct-2018 06:16:28	6.80	10	197km SW of Port Hardy, Canada	49.35° N / 129.21° W
	22-Oct-2018 06:16:26	6.80	21	232km SW of Port Hardy, Canada	49.1° N / 129.5° W

Source: [Earthquakes](#)

### Tsunami Runups:

#### 5 Largest Tsunami Runups



Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	CANADA	-	-	CAPE SCOTT, VANCOUVER ISLAND, BC	- / -
	28-Mar-1964 00:00:00	CANADA	1.7	-	OCEAN FALLS, BRITISH COLUMBIA	52.35° N / 127.68° W

 Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	28-Mar-1964 00:00:00	CANADA	1.3	-	ALERT BAY, BRITISH COLUMBIA	50.58° N / 126.93° W
	28-Mar-1964 00:00:00	CANADA	1.2	-	BELLA BELLA, BRITISH COLUMBIA	52.16° N / 128.14° W
	11-Mar-2011 14:48:24	CANADA	0.77	-	WINTER HARBOR, BRITISH COLUMBIA	- / -

Source: [Tsunamis](#)

## Tropical Cyclones:

### 5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	OHO	06-Oct-2015 00:00:00 - 06-Oct-2015 00:00:00	58	-	-	48° N / 131° W
	ANA	24-Oct-2014 00:00:00 - 25-Oct-2014 00:00:00	52	-	-	50.1° N / 130.07° W

Source: [Tropical Cyclones](#)

## 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.

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