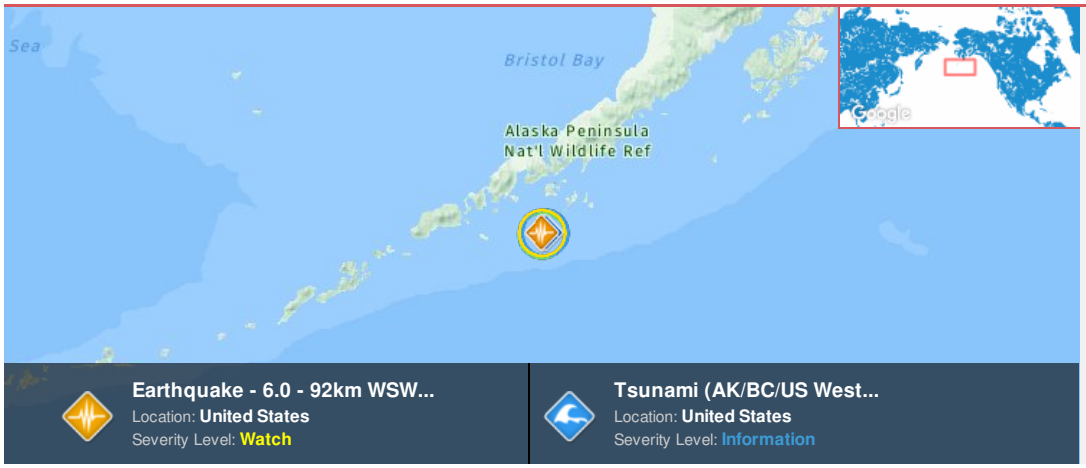
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 22:51:19 20 Jul 2018	NOME 00:51:19 21 Jul 2018	WASH.D.C. 04:51:19 21 Jul 2018	ZULU 08:51:19 21 Jul 2018	NAIROBI 11:51:19 21 Jul 2018	BANGKOK 15:51:19 21 Jul 2018

Region Selected » Lower Left Latitude/Longitude: 51.4325 N˚ , -163.894 E˚
Upper Right Latitude/Longitude: 57.4325 N˚ , -157.894 E˚



Legend

Population Density (person/sqkm)

0 — 170,000

Earthquake - 6.0 - 92km WSW...
Location: **United States**
Severity Level: **Watch**

Tsunami (AK/BC/US West...
Location: **United States**
Severity Level: **Information**

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
		21-Jul-2018 08:36:26	5.4	9.9	94km WSW of Chernabura Island, Alaska	54.43° N / 160.89° W
		19-Jul-2018 14:36:26	-	-	-	54.48° N / 160.9° W

Active Recent Tsunamis

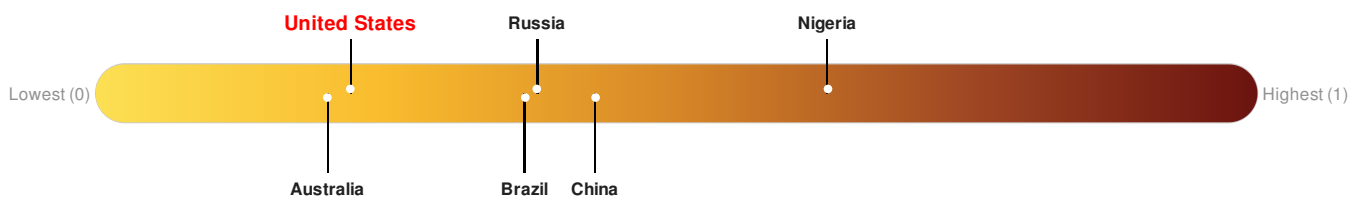
Event	Severity	Date (UTC)	Name	Lat/Long
		21-Jul-2018 08:04:42	Tsunami (AK/BC/US West Coast) - 60 miles SW of Sand Point, Alaska - 5.2	54.48° N / 160.8° W

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.

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: 2,902
Max Density: 1,123 (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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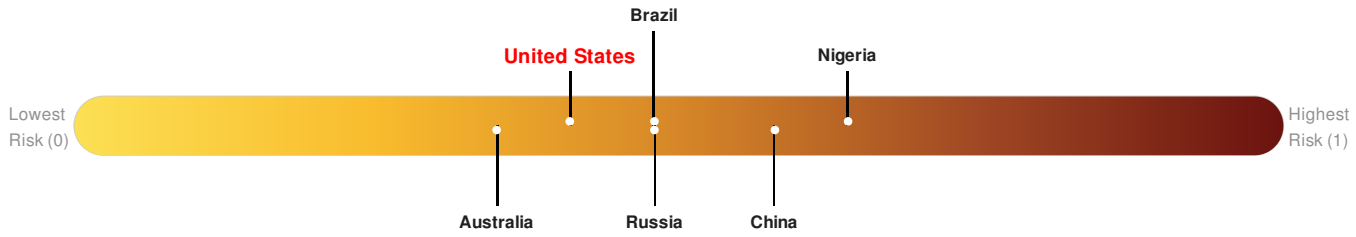
Multi Hazard Risk Index:

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 **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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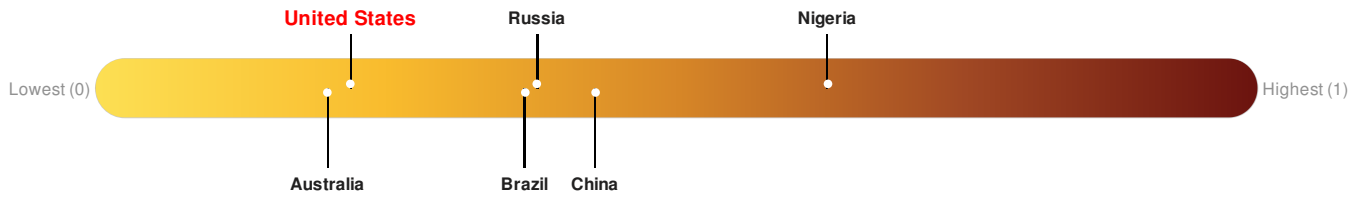

Source: PDC

Historical Hazards

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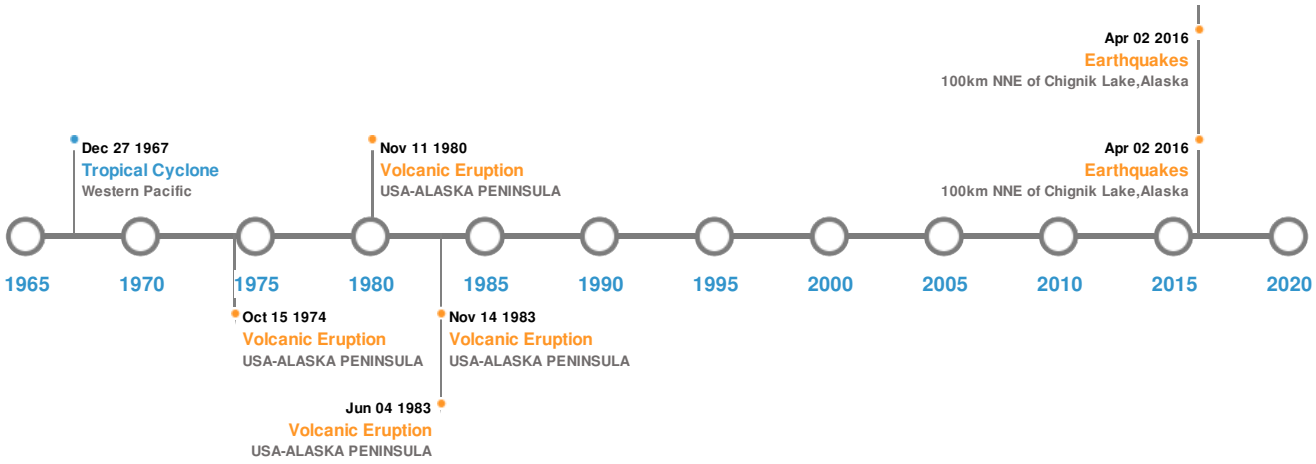
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	10-Nov-1938 00:20:00	8.20	25	ALASKA	55.48° N / 158.37° W
	01-Apr-1946 00:12:00	8.10	50	ALASKA: UNIMAK ISLAND	53.32° N / 163.19° W
	14-May-1948 00:22:00	7.50	25	ALASKA: ALASKA PENINSULA	54.5° N / 161° W
	02-Apr-2016 05:50:00	6.20	17.9	100km NNE of Chignik Lake, Alaska	57.03° N / 157.9° W
	02-Apr-2016 05:50:00	6.20	10	100km NNE of Chignik Lake, Alaska	57.04° N / 157.95° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ISANOTSKI	02-Mar-1825 00:00:00	4.00	USA-ALASKA-ALEUTIAN IS.	54.75° N / 163.73° W
	PAVLOF	14-Nov-1983 00:00:00	3.00	USA-ALASKA PENINSULA	55.42° N / 161.9° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	VENIAMINOF	04-Jun-1983 00:00:00	3.00	USA-ALASKA PENINSULA	56.16° N / 159.38° W
	PAVLOF	11-Nov-1980 00:00:00	3.00	USA-ALASKA PENINSULA	55.42° N / 161.9° W
	PAVLOF	15-Oct-1974 00:00:00	3.00	USA-ALASKA PENINSULA	55.42° N / 161.9° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	06-Aug-1788 00:00:00	USA	88	-	UNGA ISLAND, AK	55.26° N / 160.68° W
	06-Aug-1788 00:00:00	USA	30	-	SANAK ISLAND, AK	54.43° N / 162.7° W
	21-Jul-1788 00:00:00	USA	30	-	SANAK ISLAND, AK	54.43° N / 162.7° W
	21-Jul-1788 00:00:00	USA	30	-	UNGA ISLAND, AK	55.26° N / 160.68° W
	01-Apr-1946 12:39:00	USA	6.1	-	SANAK ISLAND, AK	54.43° N / 162.7° W

Source: Tsunamis

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	VIRGINIA	25-Aug-1968 12:00:00 - 27-Aug-1968 12:00:00	63	No Data	Western Pacific	41.34° N / 0°

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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