

HONOLULU 11:44:36 22 Feb 2018 ANCHORAGE 12:44:36 22 Feb 2018 WASH.D.C. 16:44:36 22 Feb 2018 ZULU 21:44:36 22 Feb 2018 NAIROBI 00:44:36 23 Feb 2018 BANGKOK 04:44:36 23 Feb 2018

Region Selected » Lower Left Latitude/Longitude: 53.072 N°, -152.285 E° Upper Right Latitude/Longitude: 59.072 N°, -146.285 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 <u>register here</u>. Validation of registration information may take 24-48 hours.

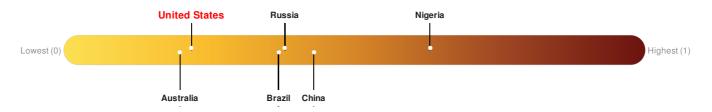
#### **Current Hazards:**

Active Recent Tsunamis							
Event	Severity	Date (UTC)	Name	Lat/Long			
	1	22-Feb-2018 21:42:43	Tsunami (AK/BC/US West Coast) - 170 miles SE of Kodiak City, Alaska - 4.7	56.07° N / 149.28° W			

## 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

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#### **Regional Overview**

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## **Population Data:**

Total: 18

Max Density: 7(ppl/km<sup>2</sup>)

Source: iSciences

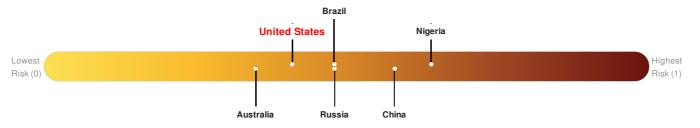
## **Risk & Vulnerability**

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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.

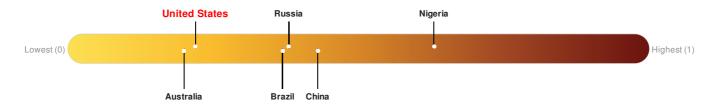


Source: PDC

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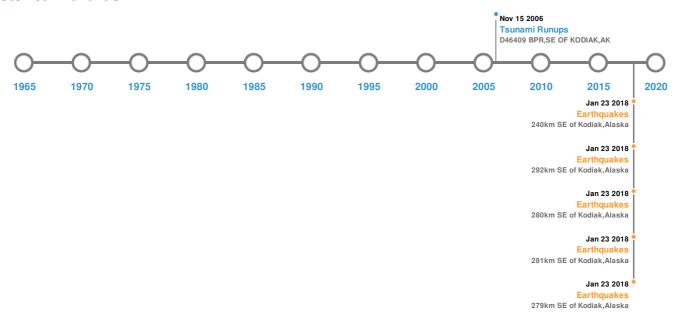


Source: PDC

## **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	
<b>*</b>	23-Jan-2018 09:31:41	8.00	20	281km SE of Kodiak, Alaska	55.95° N / 149.23° W	
<b>*</b>	23-Jan-2018 09:31:40	8.00	19	279km SE of Kodiak, Alaska	56° N / 149.2° W	
<b>*</b>	23-Jan-2018 09:31:42	7.90	25	280km SE of Kodiak, Alaska	56.05° N / 149.07° W	
<b>*</b>	23-Jan-2018 09:31:43	7.00	10.4	292km SE of Kodiak, Alaska	55.91° N / 149.05° W	
<b>*</b>	23-Jan-2018 11:47:00	5.60	23.95	240km SE of Kodiak, Alaska	56.54° N / 149.17° W	

Source: Earthquakes

# Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
<b>\$</b>	28-Mar-1964 00:00:00	USA	3.29	-	AFOGNAK ISLAND, AK	58.4° N / 152.2° W
	15-Nov-2006 16:23:00	USA	-	-	D46409 BPR, SE OF KODIAK, AK	55.3° N / 148.5° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	28-Mar-1964 04:06:00	USA	-	-	CAPE CHINIAK, AK	57.62° N / 152.16° W
<b>\$</b>	05-Sep-1866 00:00:00	USA	-	-	KODIAK ISLAND, AK	58° N / 152° W

Source: <u>Tsunamis</u>

## **Disclosures**

\* As defined by the source (<u>Dartmouth Flood Observatory</u>, 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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