Pacific Disaster Center Area Brief: General	HONOLULU 08:05:48 29 Jan 2018	ANCHORAGE 09:05:48 29 Jan 2018	WASH.D.C. 13:05:48 29 Jan 2018	ZULU 18:05:48 29 Jan 2018	NAIROBI 21:05:48 29 Jan 2018	BANGKOK 01:05:48 30 Jan 2018
Executive Summary	29 0411 2010	29 0411 2010	29 0411 2010	29 0411 2010	29 0411 2010	30 0411 2010

Region Selected » Lower Left Latitude/Longitude: 53.5717 N°, -152.1439 E' Upper Right Latitude/Longitude: 59.5717 N°, -146.1439 E'



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			
	0	23-Jan-2018 12:09:04	5.2	4.9	240km SE of Kodiak, Alaska	56.57° N / 149.14° W			
	0	23-Jan-2018 12:09:02	5.1	7.3	255km SE of Kodiak, Alaska	56.09° N / 149.63° W			
	0	23-Jan-2018 10:52:21	5	12	283km SE of Kodiak, Alaska	56.15° N / 148.71° W			

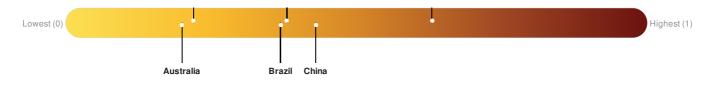
Active Recent Tsunamis								
Event	Severity	Date (UTC)	Name	Lat/Long				
	1	29-Jan-2018 00:45:25	Tsunami (AK/BC/US West Coast) - 180 miles SE of Kodiak City, Alaska - 4.6	55.83° N / 149.25° W				
Source: <u>PDC</u>								

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.

United States	Russia	Nigeria
I		I



Source: PDC

Regional Overview

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Population Data:

2011

Total: 546 Max Density: 256(ppl/km²)

Populated Areas:

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

Source: <u>iSciences</u>

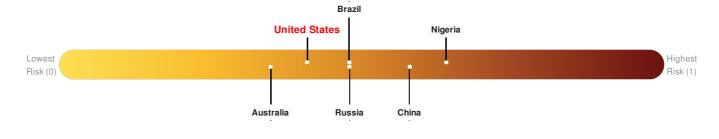
Risk & Vulnerability

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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.

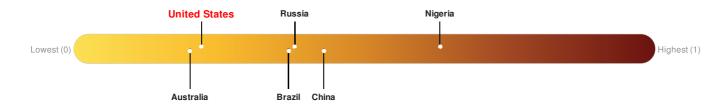


Source: PDC

Lack of Resilience Index:

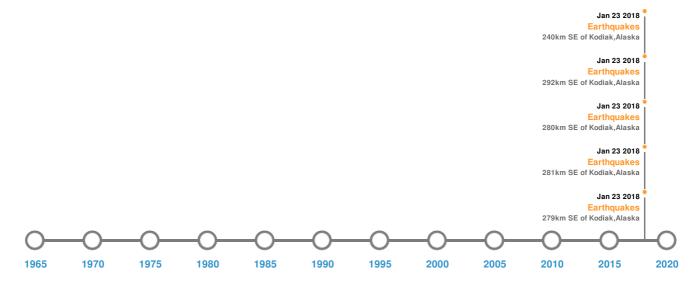
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Historical Hazards:



Earthquakes:

Event	Earthquakes (Resulting	Magnitude	Depth (Km)	Location	Lat/Long
	23-Jan-2018 09:31:41	8.00	20	281km SE of Kodiak, Alaska	55.95° N / 149.23° W
	23-Jan-2018 09:31:40	8.00	19	279km SE of Kodiak, Alaska	56° N / 149.2° W
~	23-Jan-2018 09:31:42	7.90	25	280km SE of Kodiak, Alaska	56.05° N / 149.07° W
~	23-Jan-2018 09:31:43	7.00	10.4	292km SE of Kodiak, Alaska	55.91° N / 149.05° W
	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		
	28-Mar-1964 00:00:00	USA	9.14	-	PERL ISLAND, AK	59.1° N / 151.67° W		
	06-Oct-1883 20:10:00	USA	9.14	-	PORT GRAHAM, ENGLISH HARBOR, AK	59.34° N / 151.9° W		

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
Ó	28-Mar-1964 00:00:00	USA	4.57	-	PEDERSON BAY, AK	59.3° N / 151.9° W
	28-Mar-1964 00:00:00	USA	4.57	-	SELDOVIA, AK	59.47° N / 151.68° W
	28-Mar-1964 04:06:00	USA	3.35	-	ROCKY BAY, KENAI, AK	59.25° N / 151.42° 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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