



Pacific Disaster Center
Area Brief: General Executive Summary

HONOLULU
 19:02:56
 13 Dec 2017

VANCOUVER
 21:02:56
 13 Dec 2017

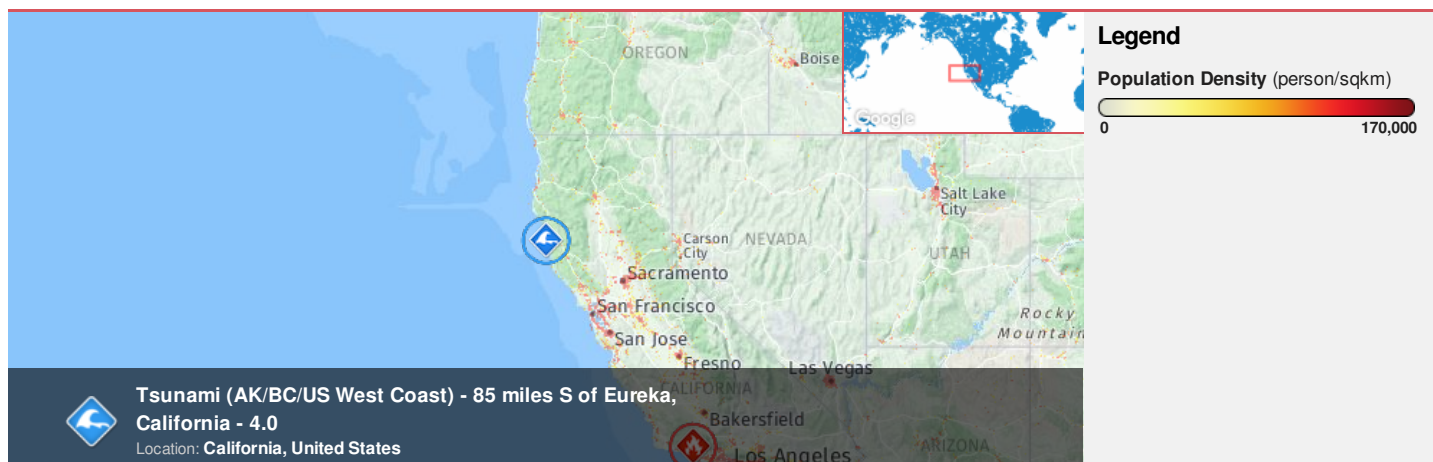
WASH.D.C.
 00:02:56
 14 Dec 2017

ZULU
 05:02:56
 14 Dec 2017

NAIROBI
 08:02:56
 14 Dec 2017

BANGKOK
 12:02:56
 14 Dec 2017

Region Selected » Lower Left Latitude/Longitude: 36.553 N° , -126.872 E°
 Upper Right Latitude/Longitude: 42.553 N° , -120.872 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:

Active Recent Tsunamis

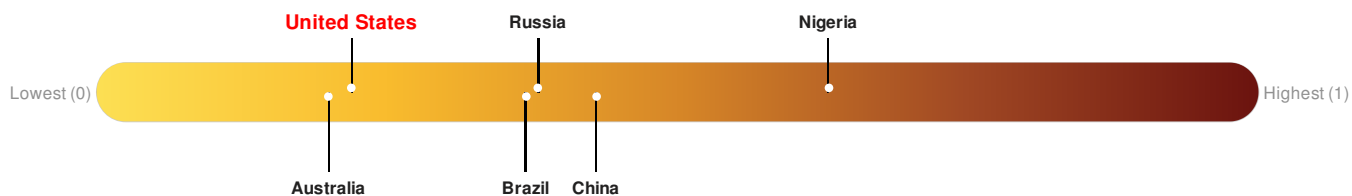
Event	Severity	Date (UTC)	Name	Lat/Long
		14-Dec-2017 05:01:30	Tsunami (AK/BC/US West Coast) - 85 miles S of Eureka, California - 4.0	39.55° N / 123.87° W

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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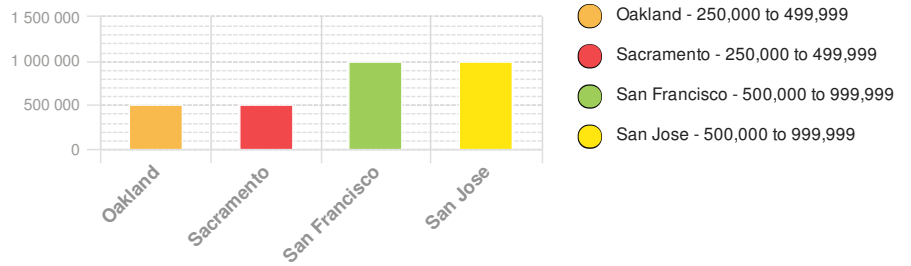
Population Data:

Populated Areas:

2011

Total: 12,188,233

Max Density: 46,526 (ppl/km²)



Source: [iSciences](#)

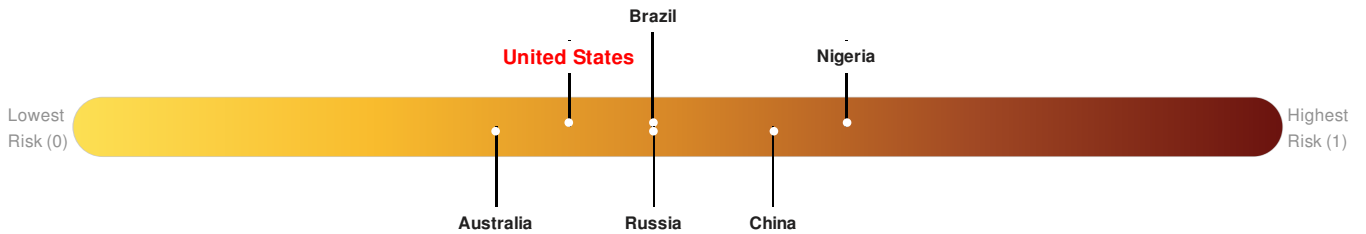
Risk & Vulnerability

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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.

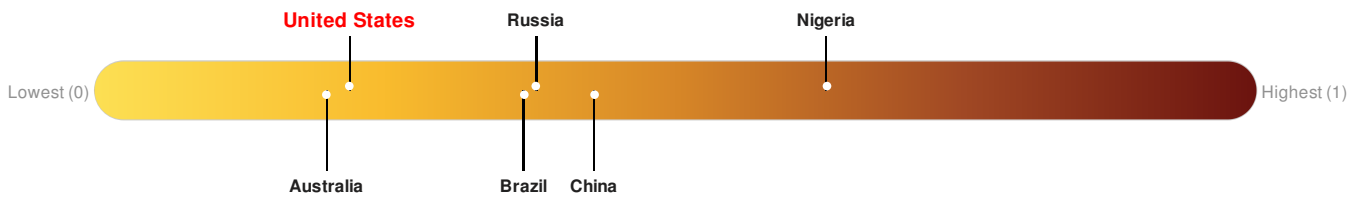


Source: [PDC](#)

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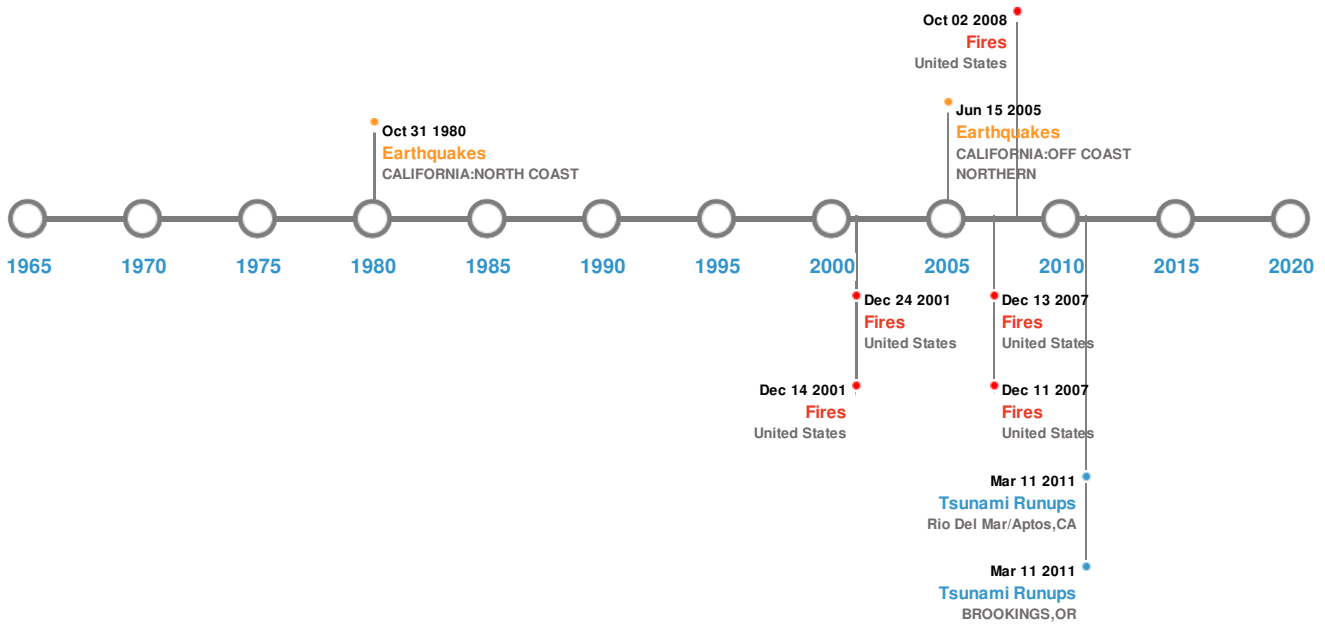


Source: [PDC](#)

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
	18-Apr-1906 00:13:00	7.90	20	CALIFORNIA: SAN FRANCISCO	37.67° N / 122.48° W
	31-Jan-1922 00:13:00	7.60	-	CALIFORNIA: NORTHERN	41° N / 125.5° W
	15-Jun-2005 00:02:00	7.20	10	CALIFORNIA: OFF COAST NORTHERN	41.3° N / 125.97° W
	08-Nov-1980 00:10:00	7.20	19	CALIFORNIA: NORTH COAST	41.12° N / 124.25° W
	22-Jan-1923 00:09:00	7.20	-	CALIFORNIA: NORTHERN	40.8° N / 124.5° W

Source: [Earthquakes](#)

Volcanic Eruptions:






5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	LASSEN VOLC FIELD	22-May-1915 00:00:00	3.00	USA-CALIFORNIA	40.61° N / 121.33° W
	SHASTA, MOUNT	01-Jan-1786 00:00:00	3.00	USA-CALIFORNIA	41.4° N / 122.18° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MEDICINE LAKE	01-Jan-0885 00:00:00	3.00	USA-CALIFORNIA	41.53° N / 121.53° W
	MEDICINE LAKE	01-Jan-0843 00:00:00	3.00	USA-CALIFORNIA	41.53° N / 121.53° W
	LASSEN VOLC FIELD	30-May-1914 00:00:00	2.00	USA-CALIFORNIA	40.61° N / 121.33° W






Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	USA	-	-	BROOKINGS, OR	- / -
	11-Mar-2011 00:00:00	USA	-	-	Rio Del Mar/Aptos, CA	- / -
	28-Mar-1964 07:39:00	USA	4.79	10	CRESCENT CITY, CA	41.76° N / 124.18° W
	24-Sep-1859 00:00:00	USA	4.6	-	HALF MOON BAY, CA	37.43° N / 122.47° W
	28-Mar-1964 00:00:00	USA	4.5	-	PEBBLE BEACH, CA	36.57° N / 121.95° W

Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	14-Jul-2002 00:00:00 - 24-Aug-2002 00:00:00	107.80	United States	42.27° N / 123.82° W
	21-Jun-2008 06:10:00 - 02-Oct-2008 10:30:00	61.80	United States	41.57° N / 123.51° W
	21-Jun-2008 06:10:00 - 11-Sep-2008 19:35:00	59.30	United States	40.74° N / 123.26° W
	22-Jun-2008 20:35:00 - 13-Sep-2008 05:45:00	50.10	United States	39.86° N / 121.43° W
	29-Jul-2002 00:00:00 - 14-Sep-2002 00:00:00	35.50	United States	42.36° N / 124.08° 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.

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