



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

**HONOLULU**  
**05:22:55**  
 23 Sep 2017

**VANCOUVER**  
**08:22:55**  
 23 Sep 2017

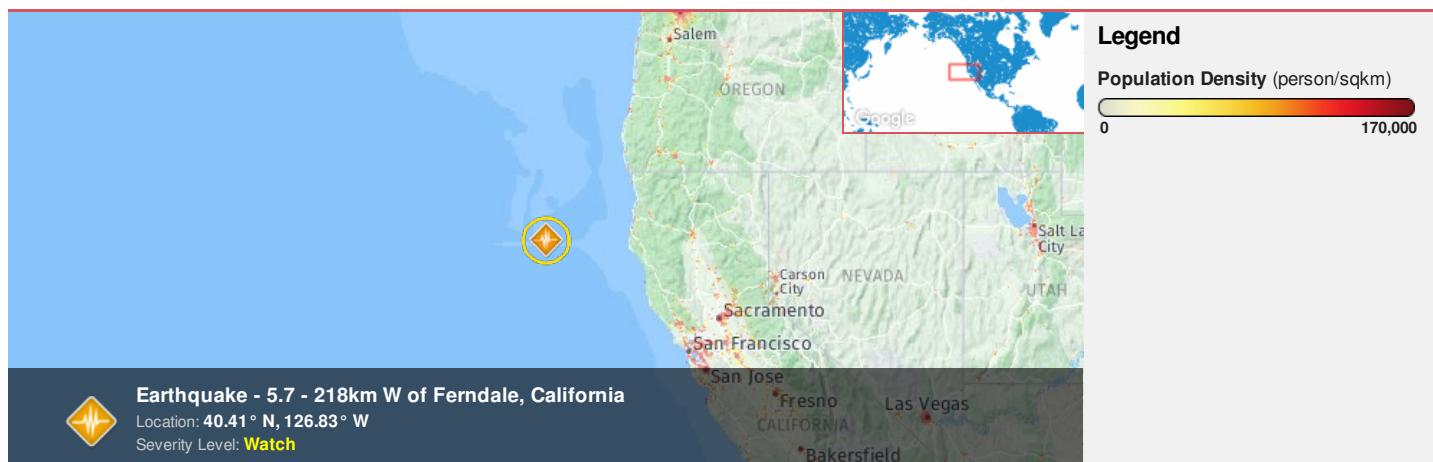
**WASH.D.C.**  
**11:22:55**  
 23 Sep 2017

**ZULU**  
**15:22:55**  
 23 Sep 2017

**NAIROBI**  
**18:22:55**  
 23 Sep 2017

**BANGKOK**  
**22:22:55**  
 23 Sep 2017

**Region Selected** » Lower Left Latitude/Longitude: 37.4144 N° , -129.8342 E°  
 Upper Right Latitude/Longitude: 43.4144 N° , -123.8342 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:

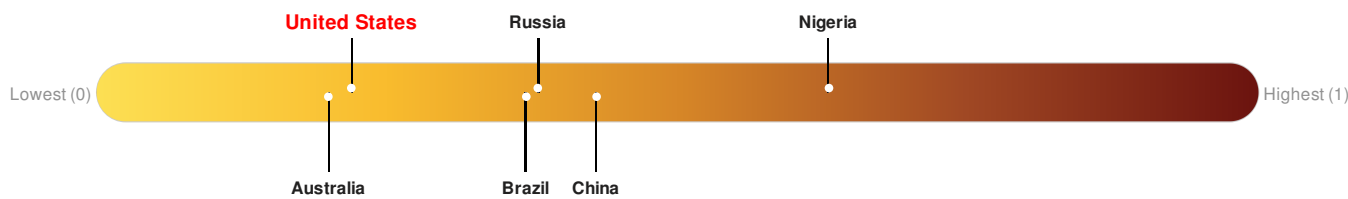
#### Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		22-Sep-2017 19:54:45	5.7	11.01	218km W of Ferndale, California	40.41° N / 126.83° W

Source: [PDC](#)

### Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



**United States** ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: [PDC](#)

### Regional Overview

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### Population Data:

### Populated Areas:

No significant land or population areas exist within the current map extent.

Total: 228,918

Max Density: 4,655 (ppl/km<sup>2</sup>)

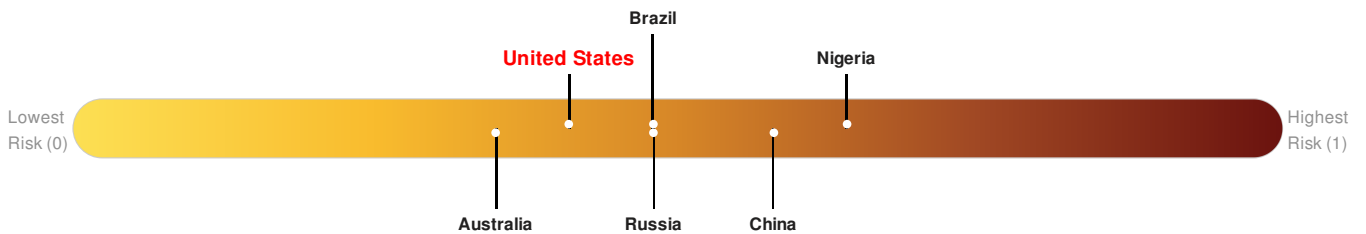
Source: [iSciences](#)

## Risk & Vulnerability

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### Multi Hazard Risk Index:

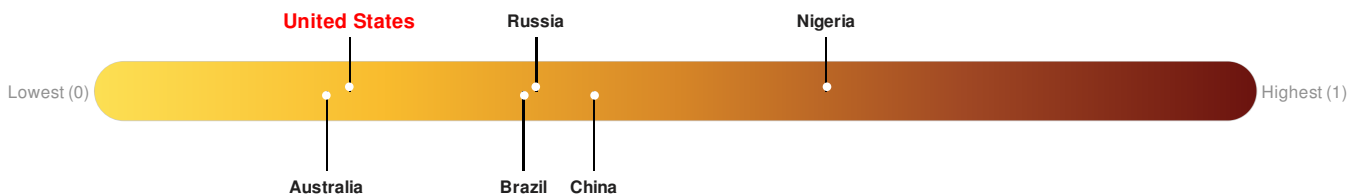
**United States** ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

### Lack of Resilience Index:

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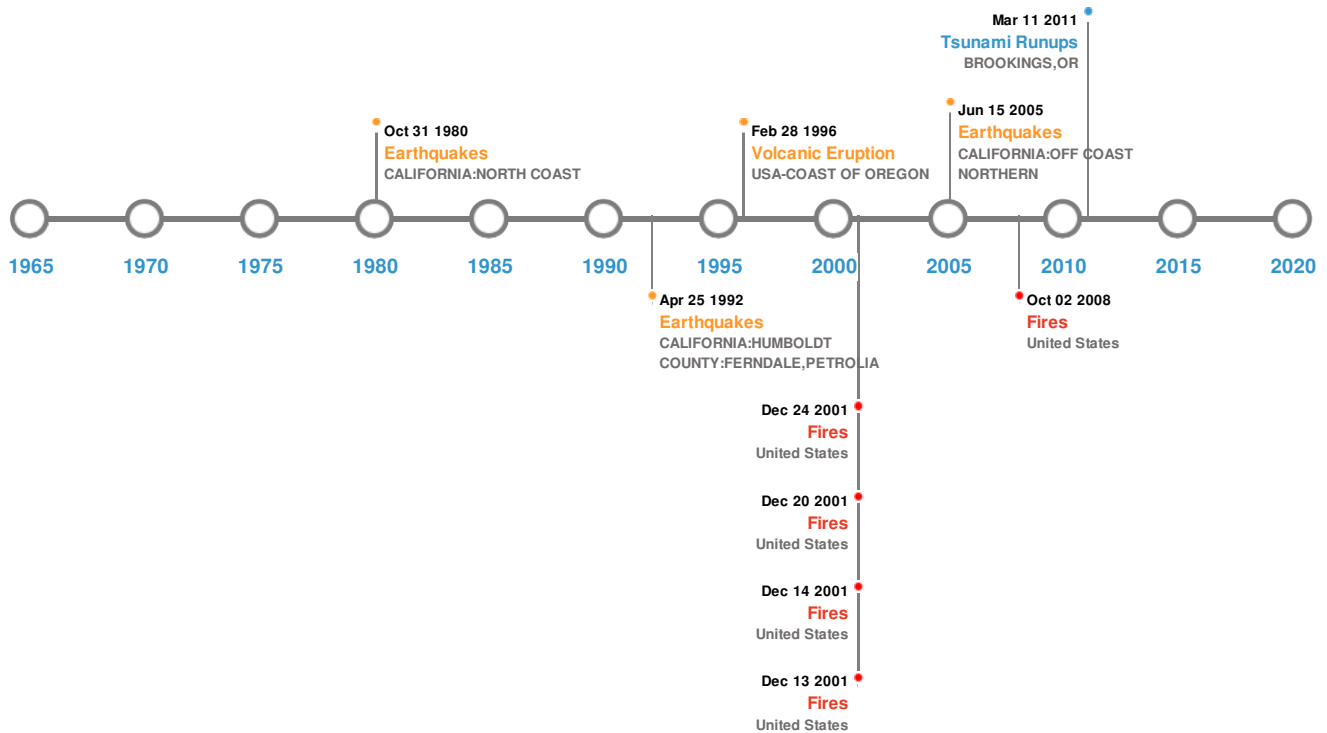
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Source: [PDC](#)

## 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
	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
	25-Apr-1992 00:18:00	7.10	15	CALIFORNIA: HUMBOLDT COUNTY: FERNDALE,PETROLIA	40.37° N / 124.32° W

Source: [Earthquakes](#)

### Volcanic Eruptions:

#### 5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	GORDA RIDGE	28-Feb-1996 00:00:00	1.00	USA-COAST OF OREGON	42.6° N / 126.8° 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	- / -
	28-Mar-1964 07:39:00	USA	4.79	10	CRESCENT CITY, CA	41.76° N / 124.18° W
	28-Mar-1964 00:00:00	USA	4.05	-	TRINIDAD, CA	41.06° N / 124.13° W
	28-Mar-1964 00:00:00	USA	4.05	-	SMITH RIVER, CA	41.94° N / 124.2° W
	28-Mar-1964 07:40:00	USA	3.51	-	BANDON, OR	43.12° N / 124.41° 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
	29-Jul-2002 00:00:00 - 14-Sep-2002 00:00:00	35.50	United States	42.36° N / 124.08° W
	16-Jul-2002 00:00:00 - 20-Aug-2002 00:00:00	27.30	United States	42.45° N / 123.91° W
	28-Jul-2002 00:00:00 - 13-Aug-2002 00:00:00	12.50	United States	41.95° N / 123.93° 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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