

**Region Selected »** Lower Left Latitude/Longitude: 17.1 N° , -159.1 E°  
Upper Right Latitude/Longitude: 23.1 N° , -153.1 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:

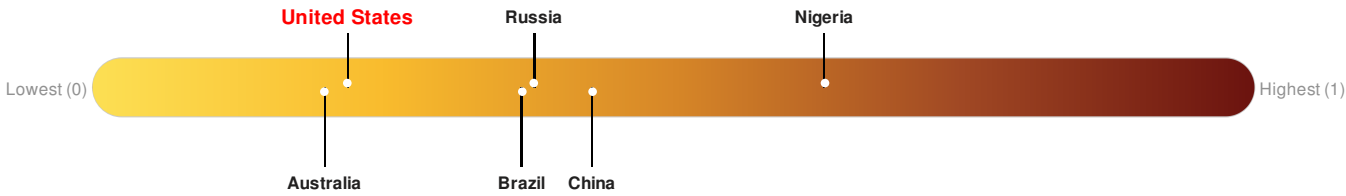
Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		17-Feb-2017 15:39:49	Tsunami Information (Hawaiian Islands) - Offshore From Kawaihae On The Big Island - 4.5	20.1° N / 156.1° 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:

2011

Total: 1, 222, 554  
Max Density: 23, 598(ppl/km<sup>2</sup>)



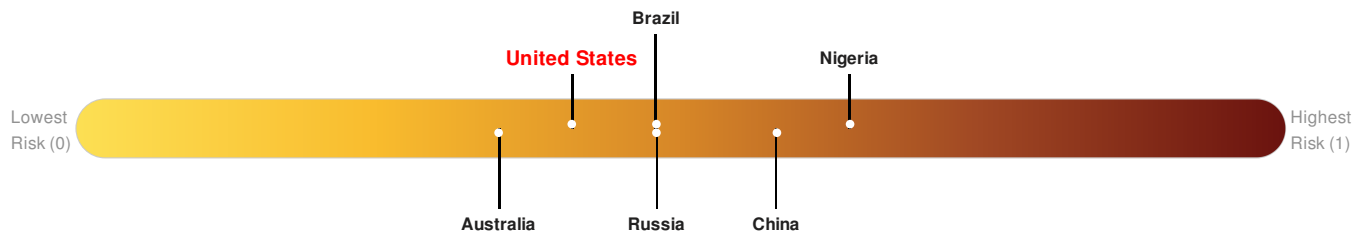
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

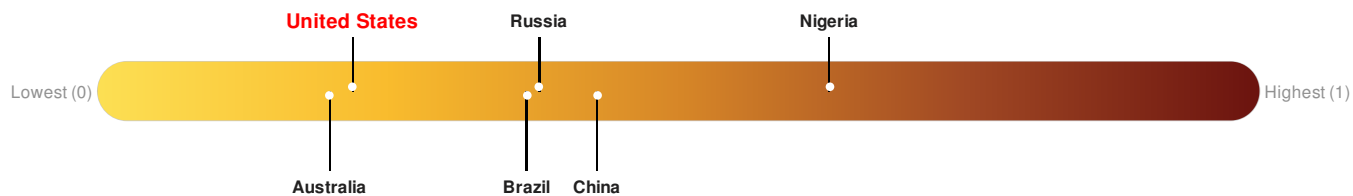
**United States** ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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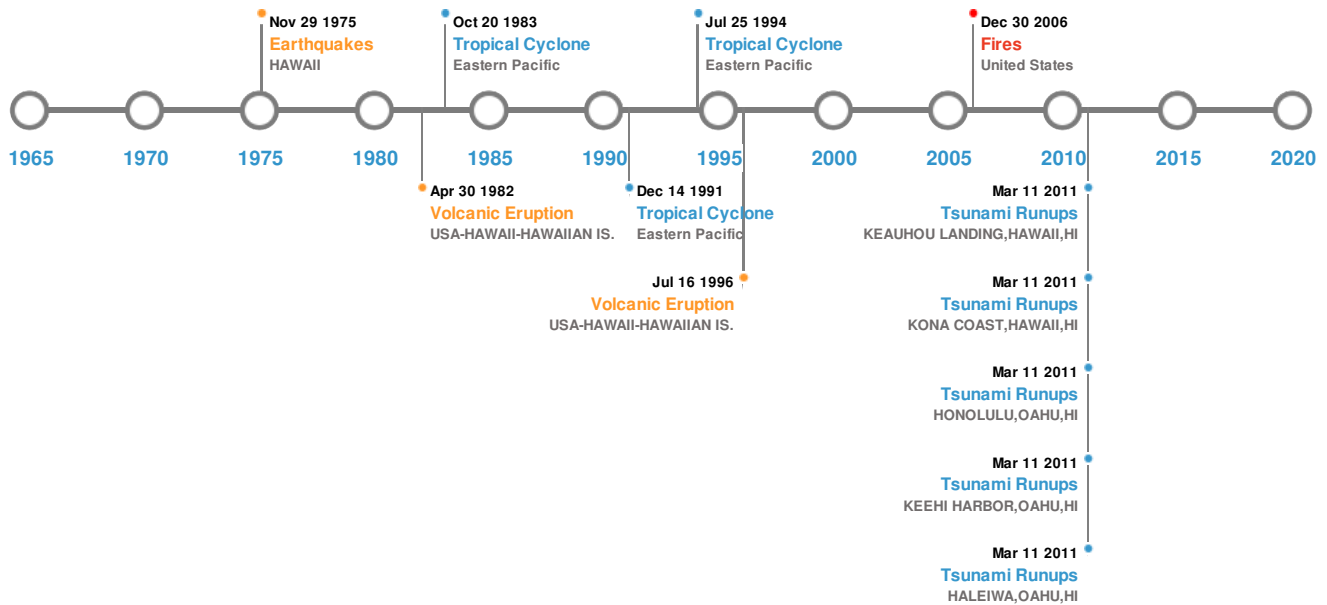
**United States** ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: [PDC](#)

## 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
	03-Apr-1868 00:02:00	7.90	-	HAWAII	19° N / 155.5° W
	29-Nov-1975 00:14:00	7.10	5	HAWAII	19.33° N / 155.02° W
	20-Feb-1871 00:08:00	7.00	-	HAWAII	20.7° N / 157° W
	21-Aug-1951 00:10:00	6.90	60	HAWAII	19.7° N / 156° W
	21-Sep-1908 00:06:00	6.80	33	HAWAII	19.5° N / 155.4° W

Source: [Earthquakes](#)

### Volcanic Eruptions:





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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	LOIHI SEAMOUNT	16-Jul-1996 00:00:00	2.00	USA-HAWAII-HAWAIIAN IS.	18.92° N / 155.27° W
	KILAUEA	30-Apr-1982 00:00:00	2.00	USA-HAWAII-HAWAIIAN IS.	19.42° N / 155.29° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	KILAUEA	21-Aug-1963 00:00:00	2.00	USA-HAWAII-HAWAIIAN IS.	19.42° N / 155.29° W
	KILAUEA	13-Jan-1960 00:00:00	2.00	USA-HAWAII-HAWAIIAN IS.	19.42° N / 155.29° W
	KILAUEA	14-Nov-1959 00:00:00	2.00	USA-HAWAII-HAWAIIAN IS.	19.42° N / 155.29° 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	-	-	HALEIWA, OAHU, HI	- / -
	11-Mar-2011 00:00:00	USA	-	-	KEEHI HARBOR, OAHU, HI	- / -
	11-Mar-2011 00:00:00	USA	-	-	HONOLULU, OAHU, HI	- / -
	11-Mar-2011 00:00:00	USA	-	-	KONA COAST, HAWAII, HI	- / -
	11-Mar-2011 00:00:00	USA	-	-	KEAUHOU LANDING, HAWAII, HI	- / -





Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	01-Jun-2007 00:00:00 - 30-Aug-2007 00:00:00	8.90	United States	19.38° N / 155.07° W

Source: [Wildfires](#)

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	EMILIA	16-Jul-1994 06:00:00 - 25-Jul-1994 00:00:00	155	926	Eastern Pacific	14.44° N / 148.85° W
	DOT	02-Aug-1959 00:00:00 - 08-Aug-1959 06:00:00	150	No Data	Eastern Pacific	18.77° N / 152.1° W
	RAYMOND	08-Oct-1983 12:00:00 - 20-Oct-1983 18:00:00	144	No Data	Eastern Pacific	16.63° N / 131.95° W
	ORLENE	03-Sep-1992 00:00:00 - 14-Sep-1992 18:00:00	144	934	Eastern Pacific	15.88° N / 128.85° W

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Elevation	Lat/Lon
		01-Sep-1957 06:00:00 - 18-Sep-1957 12:00:00	138	1013.8	0	32.2/119

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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