



**Region Selected** » Lower Left Latitude/Longitude: 18.5 N° , -158.5 E°  
 Upper Right Latitude/Longitude: 24.5 N° , -152.5 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 High Surf

Event	Severity	Date (UTC)	Name	Lat/Long
		21-Jul-2016 15:15:39	Highsurf - Advisory (Hawaiian Islands)	21.5° N / 156.5° W

### Active Floods

Event	Severity	Date (UTC)	Name	Lat/Long
		25-Jul-2016 07:41:47	Flood - Warning (Hawaiian Islands)	21.5° N / 155.5° W
		21-Jul-2016 18:48:43	Flood - Watch (Hawaiian Islands)	21.5° N / 155.5° W

### Active Volcanoes

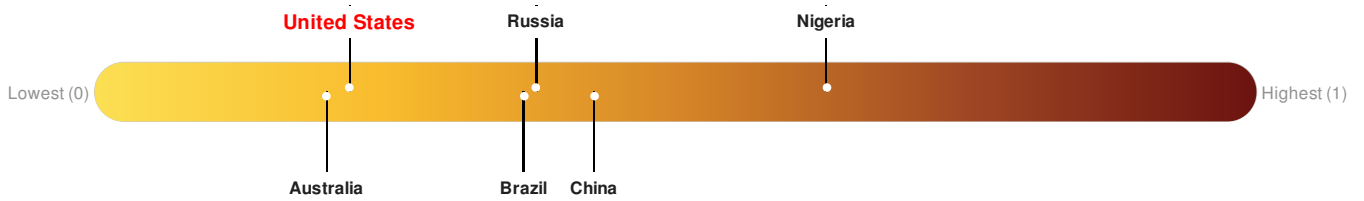
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		29-Sep-2009 02:19:42	Volcano - Kilauea, United States	United States	Hawaiian Volcano Observatory	New Activity	<a href="#">more info</a>	19.42° N / 155.29° W

### Active Drought

Event	Severity	Date (UTC)	Name	Lat/Long
		11-Apr-2016 18:37:59	Drought - Kailua-Kona, Hawaii, United States	19.65° N / 155.97° W

## 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

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.

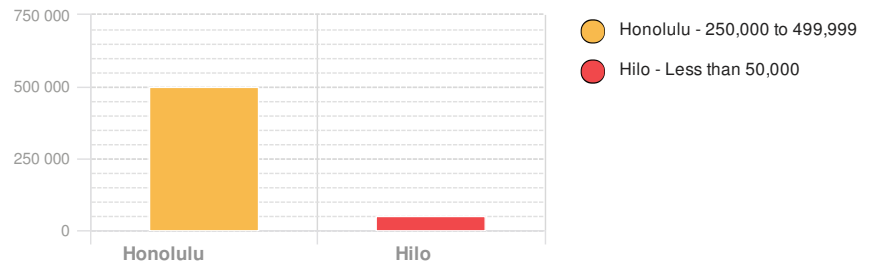
## Population Data:

2011

Total: 1, 222, 554

Max Density: 23, 598 (ppl/km<sup>2</sup>)

## Populated Areas:



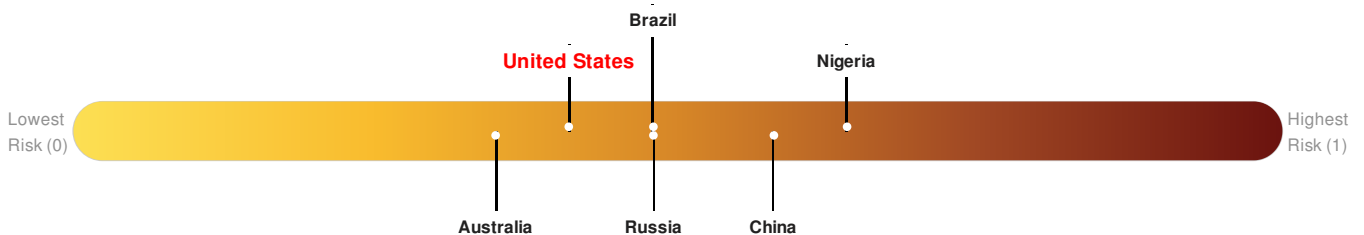
Source: [iSciences](#)

## Risk & Vulnerability

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.

## 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:

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.



|  
**Australia**

| |  
**Brazil China**

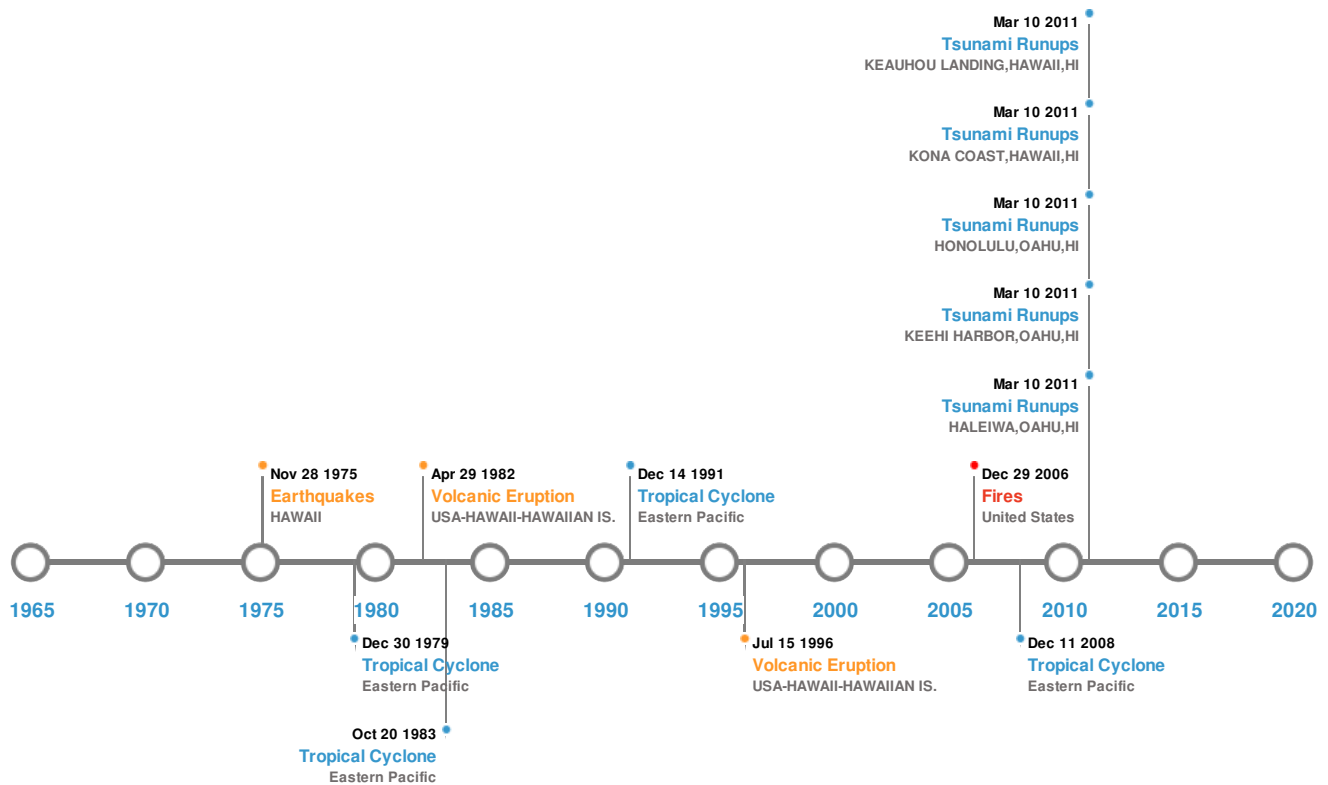
**United States** ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: [PDC](#)

## Historical Hazards






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.

### 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
	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
	KAY	16-Sep-1980 12:00:00 - 30-Sep-1980 12:00:00	138	No Data	Eastern Pacific	19.02° N / 130.8° W
	FELICIA	04-Aug-2009 09:00:00 - 11-Aug-2009 11:00:00	138	No Data	Eastern Pacific	16.08° N / 138.7° W

Source: [Tropical Cyclones](#)

## Disclosures

\* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude =  $\text{LOG}(\text{Duration} \times \text{Severity} \times \text{Affected Area})$ . Severity classes are based on estimated recurrence intervals and other criteria.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.