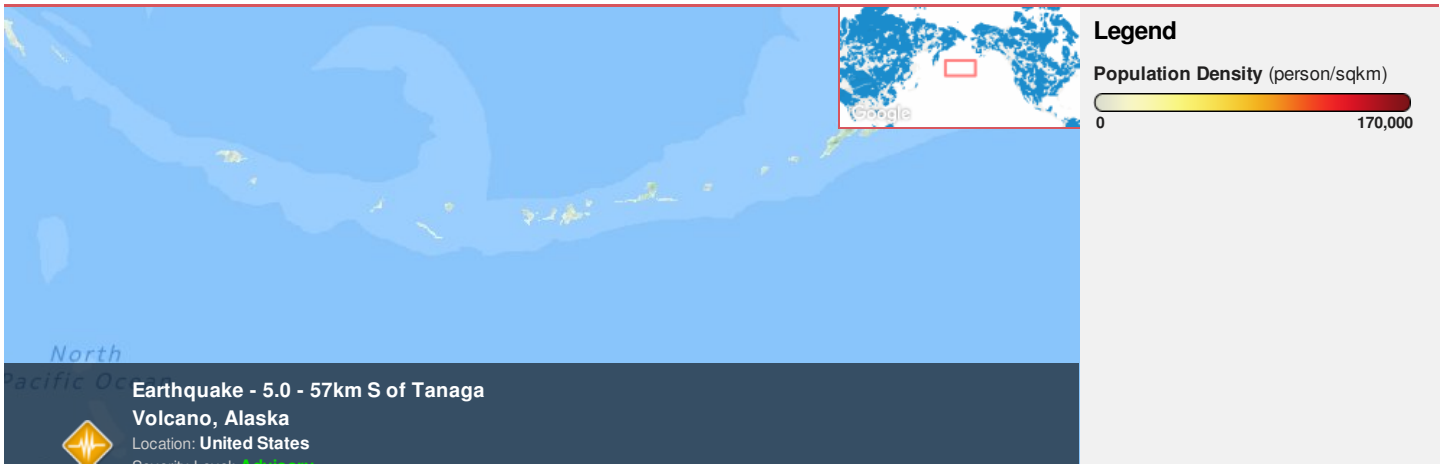
| Pacific Disaster Center<br>*Area Brief: General Executive Summary* | HONOLULU | ADAK | WASH.D.C. | ZULU | NAIROBI | BANGKOK |
|---|---|---|---|---|---|---|
| | 10:05:46<br>11 Jan 2017 | 10:05:46<br>11 Jan 2017 | 15:05:46<br>11 Jan 2017 | 20:05:46<br>11 Jan 2017 | 23:05:46<br>11 Jan 2017 | 03:05:46<br>12 Jan 2017 |

**Region Selected »** Lower Left Latitude/Longitude: 48.3692 N˚ , -180.0 E˚
Upper Right Latitude/Longitude: 54.3692 N˚ , -175.0121 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:

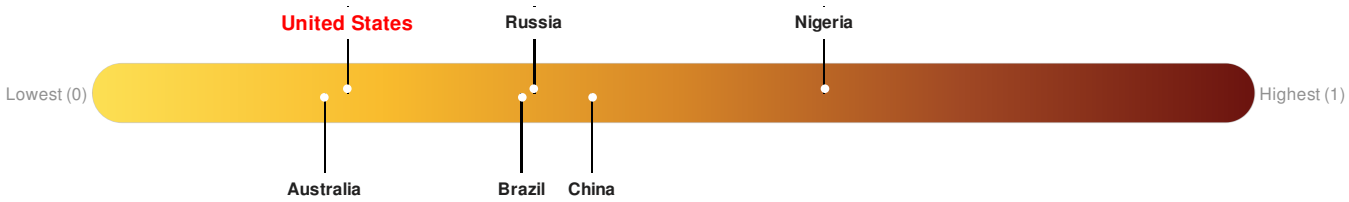
### Recent Earthquakes

| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|---|---|---|---|---|---|---|
| | | 11-Jan-2017 19:49:54 | 5 | 32.2 | 57km S of Tanaga Volcano, Alaska | 51.37° N / 178.01° 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

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**

## Populated Areas:

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

**Total:** 0
**Max Density:** 0 (ppl/km$^2$)

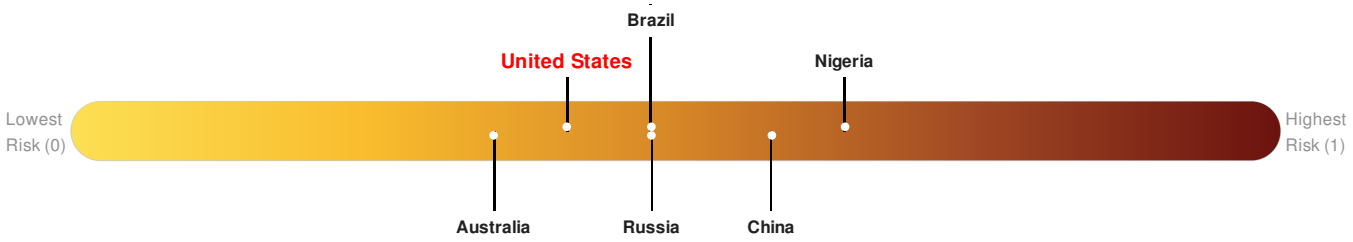
*Source: iSciences*

## 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:

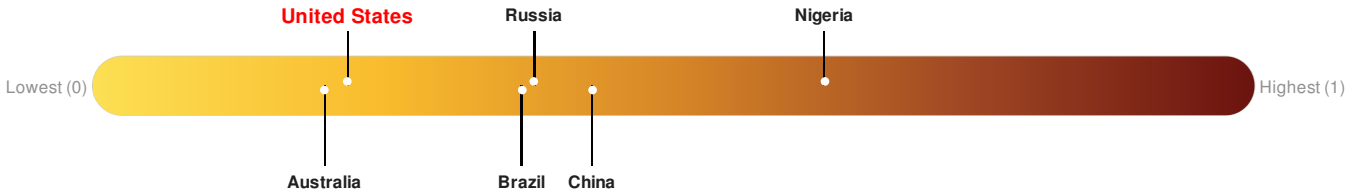
**United States** ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.




*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.



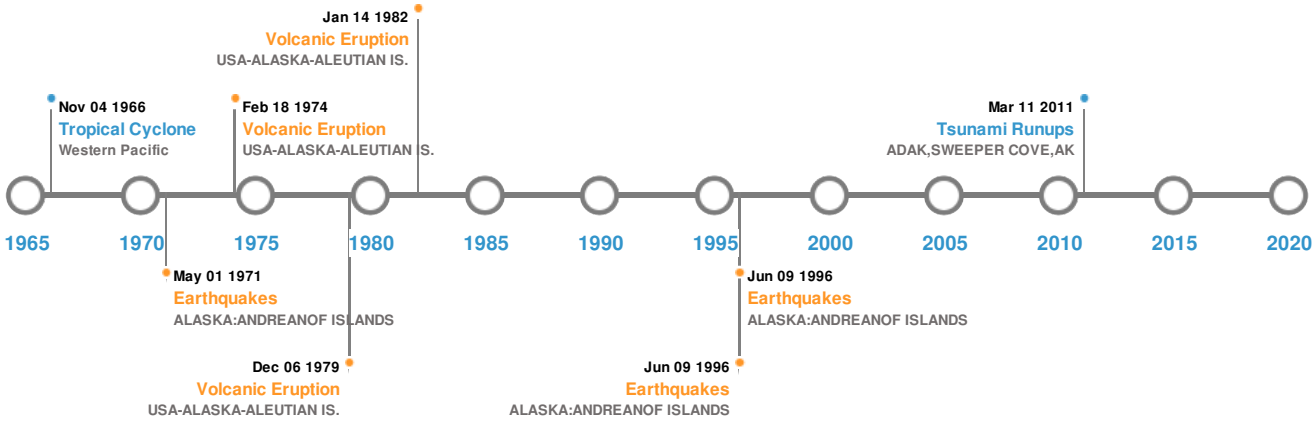

**United States** ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

*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 |
|---|---|---|---|---|---|
| | 09-Mar-1957 00:14:00 | 8.60 | 33 | ALASKA | 51.29° N / 175.63° W |
| | 10-Jun-1996 00:04:00 | 7.90 | 33 | ALASKA: ANDREANOF ISLANDS | 51.56° N / 177.63° W |
| | 14-Feb-1905 00:08:00 | 7.90 | - | ALASKA: ANDREANOF ISLANDS | 50.73° N / 178.55° W |
| | 10-Jun-1996 00:15:00 | 7.30 | 24 | ALASKA: ANDREANOF ISLANDS | 51.48° N / 176.85° W |
| | 02-May-1971 00:06:00 | 7.10 | 43 | ALASKA: ANDREANOF ISLANDS | 51.4° N / 177.2° W |

*Source: Earthquakes*

# Volcanic Eruptions:

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

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|---|---|---|---|---|
| | GARELOI | 15-Jan-1982 00:00:00 | 3.00 | USA-ALASKA-ALEUTIAN IS. | 51.78° N / 178.8° W |
| | GARELOI | 07-Aug-1980 00:00:00 | 3.00 | USA-ALASKA-ALEUTIAN IS. | 51.78° N / 178.8° W |
| | GREAT SITKIN | 19-Feb-1974 00:00:00 | 3.00 | USA-ALASKA-ALEUTIAN IS. | 52.08° N / 176.13° W |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|---|---|---|---|---|
| | GARELOI | 01-Jan-1922 00:00:00 | 3.00 | USA-ALASKA-ALEUTIAN IS. | 51.78° N / 178.8° W |
| | GREAT SITKIN | 11-May-1953 00:00:00 | 2.00 | USA-ALASKA-ALEUTIAN IS. | 52.08° N / 176.13° W |

*Source: Volcanoes*

## Tsunami Runups:

### 5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|---|---|---|---|---|---|---|
| | 09-Mar-1957 00:00:00 | USA | 3.96 | - | SAND BAY, AK | 51.98° N / 176.13° W |
| | 09-Mar-1957 00:00:00 | USA | 1.91 | - | ADAK, SWEEPER COVE, AK | 51.86° N / 176.63° W |
| | 22-May-1960 14:40:00 | USA | 1.41 | - | ADAK, SWEEPER COVE, AK | 51.86° N / 176.63° W |
| | 11-Mar-2011 10:20:24 | USA | 1.1 | - | ADAK, SWEEPER COVE, AK | - / - |
| | 04-Nov-1952 19:27:00 | USA | 1.1 | - | ADAK, SWEEPER COVE, AK | 51.86° N / 176.63° W |

*Source: Tsunamis*

## Tropical Cyclones:

### 5 Largest Tropical Cyclones

| Event | Name | Start/End Date(UTC) | Max Wind Speed (mph) | Min Pressure (mb) | Location | Lat/Long |
|---|---|---|---|---|---|---|
| | RUTH | 14-Aug-1962 00:00:00 - 25-Aug-1962 00:00:00 | 184 | No Data | Western Pacific | 33.16° N / 0° |
| | EMMA | 02-Oct-1962 00:00:00 - 13-Oct-1962 18:00:00 | 161 | No Data | Western Pacific | 34.11° N / 0° |
| | DELLA | 01-Sep-1957 06:00:00 - 18-Sep-1957 12:00:00 | 138 | No Data | Eastern Pacific | 32.8° N / 0° |
| | NINA | 23-Oct-1960 06:00:00 - 29-Oct-1960 12:00:00 | 127 | No Data | Western Pacific | 33.55° N / 0° |
| | MARIE | 30-Oct-1966 00:00:00 - 05-Nov-1966 00:00:00 | 115 | No Data | Western Pacific | 32.05° N / 0° |

*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.