| Pacific Disaster Center<br>*Area Brief: General Executive Summary* | HONOLULU<br>08:40:46<br>24 Jul 2018 | NOME<br>10:40:46<br>24 Jul 2018 | WASH.D.C.<br>14:40:46<br>24 Jul 2018 | ZULU<br>18:40:46<br>24 Jul 2018 | NAIROBI<br>21:40:46<br>24 Jul 2018 | BANGKOK<br>01:40:46<br>25 Jul 2018 |
|---|---|---|---|---|---|---|

**Region Selected »** Lower Left Latitude/Longitude: 51.4223 N˚ , -163.7673 E˚
Upper Right Latitude/Longitude: 57.4223 N˚ , -157.7673 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

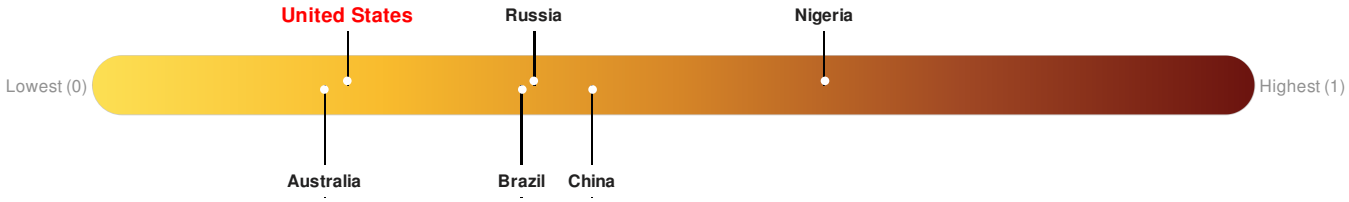
| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|---|---|---|---|---|---|---|
| | | 18-Jul-2018 19:26:20 | 5.6 | 29.65 | 87km WSW of Chernabura Island, Alaska | 54.42° N / 160.77° W |

*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:** 2, 892
**Max Density:** 1, 123(ppl/km$^2$)

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

*Source: iSciences*

### Risk & Vulnerability

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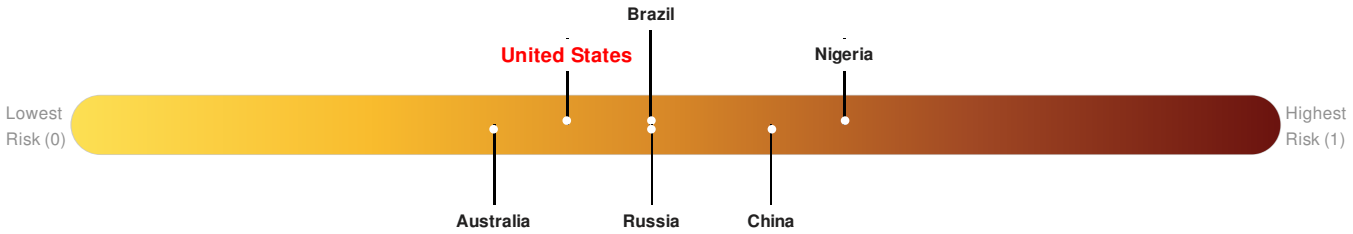
## Multi Hazard Risk Index:

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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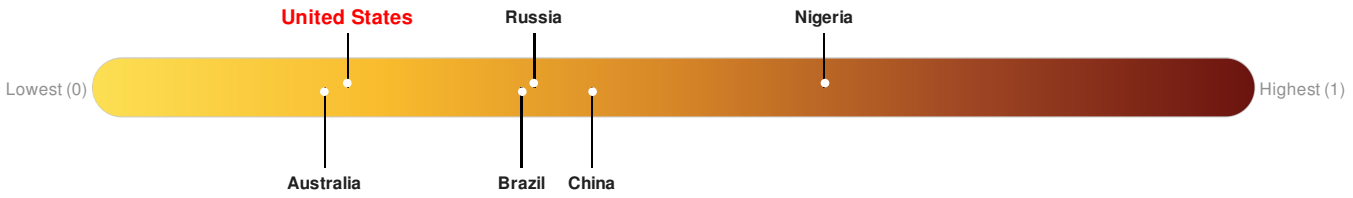


*Source: PDC*

## Historical Hazards

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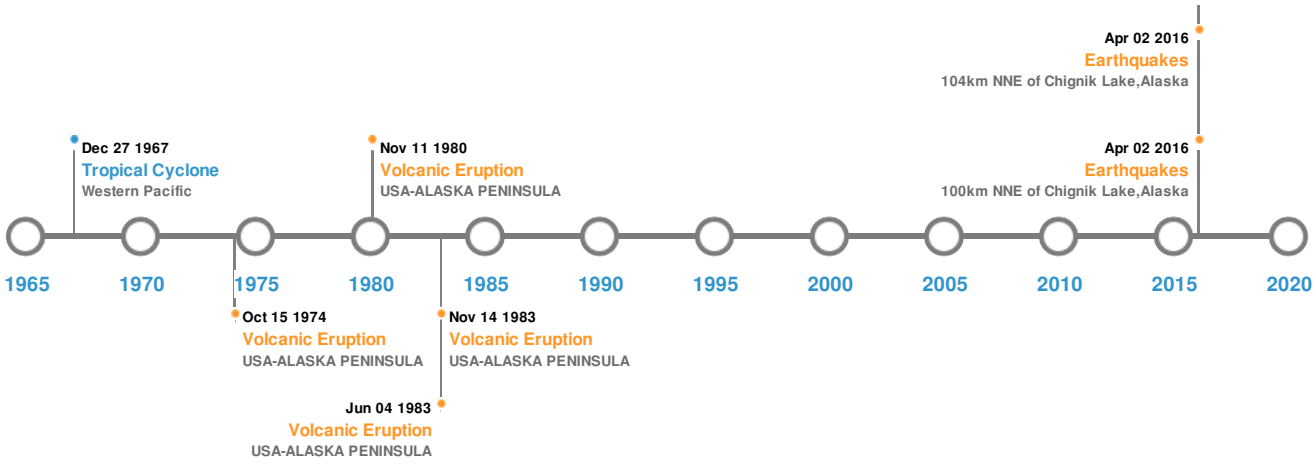
# Historical Hazards:




# Earthquakes:

**5 Largest Earthquakes** (Resulting in significant damage or deaths)

| Event | Date (UTC) | Magnitude | Depth (Km) | Location | Lat/Long |
|---|---|---|---|---|---|
| | 10-Nov-1938 00:20:00 | 8.20 | 25 | ALASKA | 55.48° N / 158.37° W |
| | 01-Apr-1946 00:12:00 | 8.10 | 50 | ALASKA: UNIMAK ISLAND | 53.32° N / 163.19° W |
| | 14-May-1948 00:22:00 | 7.50 | 25 | ALASKA: ALASKA PENINSULA | 54.5° N / 161° W |
| | 02-Apr-2016 05:50:04 | 6.40 | 93 | 104km NNE of Chignik Lake, Alaska | 57.05° N / 157.85° W |
| | 02-Apr-2016 05:50:00 | 6.20 | 10 | 100km NNE of Chignik Lake, Alaska | 57.04° N / 157.95° W |

*Source: Earthquakes*

# Volcanic Eruptions:

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

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|---|---|---|---|---|
| | ISANOTSKI | 02-Mar-1825 00:00:00 | 4.00 | USA-ALASKA-ALEUTIAN IS. | 54.75° N / 163.73° W |
| | PAVLOF | 14-Nov-1983 00:00:00 | 3.00 | USA-ALASKA PENINSULA | 55.42° N / 161.9° W |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|---|---|---|---|---|
| | VENIAMINOF | 04-Jun-1983 00:00:00 | 3.00 | USA-ALASKA PENINSULA | 56.16° N / 159.38° W |
| | PAVLOF | 11-Nov-1980 00:00:00 | 3.00 | USA-ALASKA PENINSULA | 55.42° N / 161.9° W |
| | PAVLOF | 15-Oct-1974 00:00:00 | 3.00 | USA-ALASKA PENINSULA | 55.42° N / 161.9° W |

*Source: Volcanoes*

## Tsunami Runups:

### 5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|---|---|---|---|---|---|---|
| | 06-Aug-1788 00:00:00 | USA | 88 | - | UNGA ISLAND, AK | 55.26° N / 160.68° W |
| | 06-Aug-1788 00:00:00 | USA | 30 | - | SANAK ISLAND, AK | 54.43° N / 162.7° W |
| | 21-Jul-1788 00:00:00 | USA | 30 | - | SANAK ISLAND, AK | 54.43° N / 162.7° W |
| | 21-Jul-1788 00:00:00 | USA | 30 | - | UNGA ISLAND, AK | 55.26° N / 160.68° W |
| | 01-Apr-1946 12:39:00 | USA | 6.1 | - | SANAK ISLAND, AK | 54.43° N / 162.7° 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 |
|---|---|---|---|---|---|---|
| | VIRGINIA | 25-Aug-1968 12:00:00 - 27-Aug-1968 12:00:00 | 63 | No Data | Western Pacific | 41.34° 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.

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