

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:

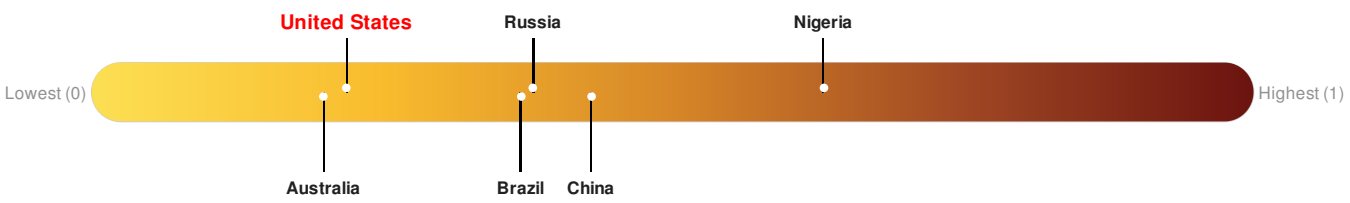
| Recent Earthquakes | | | | | | |
|--|---|----------------------|-----------|------------|----------------------------------|----------------------|
| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|  |  | 10-Oct-2018 06:34:41 | 5.1 | 47.8 | 61km SSW of Chignik Lake, Alaska | 55.64° N / 158.89° 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 **164** 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 better able to respond to and recover from a disruption to normal function.



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:

Populated Areas:

Total: 2,020

Max Density: 1,123 (ppl/km²)

Source: [iSciences](#)

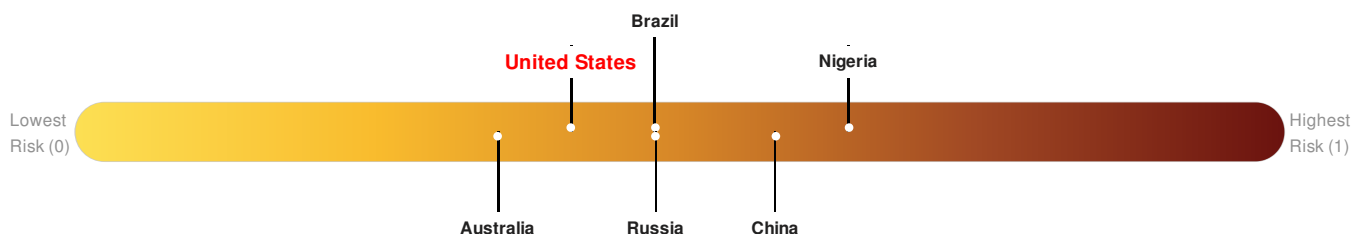
Risk & Vulnerability

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:

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

United States ranks 73 out of 164 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 a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

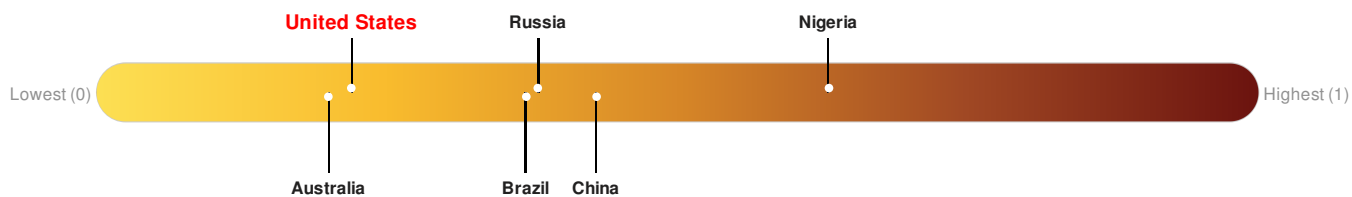


Source: [PDC](#)

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 164 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 better able to respond to and recover from a disruption to normal function.

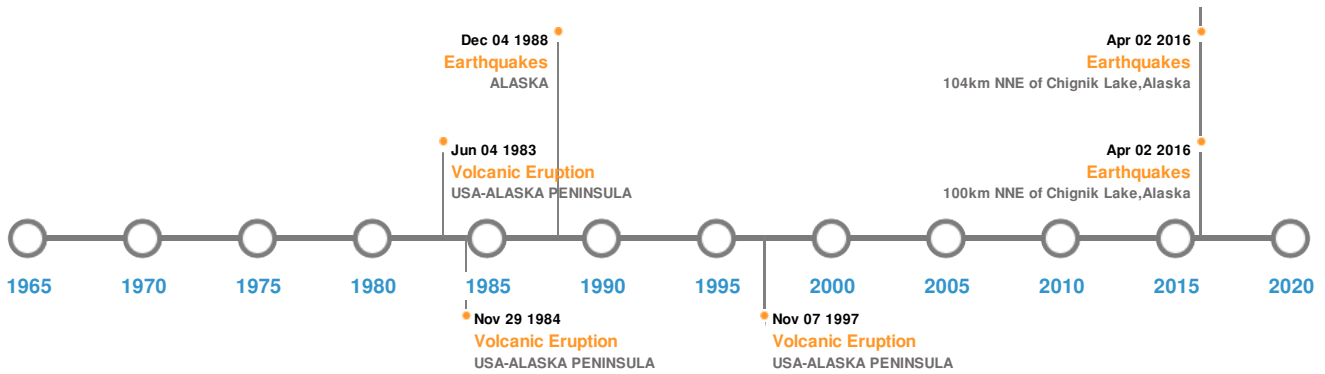


Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|-----------------------------------|----------------------|
|  | 10-Nov-1938 00:20:00 | 8.20 | 25 | ALASKA | 55.48° N / 158.37° W |
|  | 14-May-1948 00:22:00 | 7.50 | 25 | ALASKA: ALASKA PENINSULA | 54.5° N / 161° W |
|  | 04-Sep-1989 00:13:00 | 6.90 | 11 | ALASKA | 55.54° N / 156.83° 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 | 17.9 | 100km NNE of Chignik Lake, Alaska | 57.03° N / 157.9° W |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| 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 |
| | ANIACHAK | 02-May-1931 00:00:00 | 3.00 | USA-ALASKA PENINSULA | 56.88° N / 158.15° W |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|------------|----------------------|----------------------------|----------------------|----------------------|
|  | VENIAMINOF | 01-Jan-1892 00:00:00 | 3.00 | USA-ALASKA PENINSULA | 56.16° N / 159.38° W |
|  | CHIGINAGAK | 07-Nov-1997 00:00:00 | 2.00 | USA-ALASKA PENINSULA | 57.13° N / 157° W |
|  | VENIAMINOF | 29-Nov-1984 00:00:00 | 2.00 | USA-ALASKA PENINSULA | 56.16° N / 159.38° 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 |
|  | 21-Jul-1788 00:00:00 | USA | 30 | - | UNGA ISLAND, AK | 55.26° N / 160.68° W |
|  | 15-May-1868 00:00:00 | USA | 6.1 | - | UNGA ISLAND, AK | 55.26° N / 160.68° W |
|  | 06-Aug-1788 00:00:00 | USA | 5 | - | PAVLOF VILLAGE, AK | 55.49° N / 161.46° W |
|  | 21-Jul-1788 00:00:00 | USA | 5 | - | PAVLOF VILLAGE, AK | 55.49° N / 161.46° W |

Source: [Tsunamis](#)

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.

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.