



Region Selected » Lower Left Latitude/Longitude: 16.4 N° , -158.3 E°
Upper Right Latitude/Longitude: 22.4 N° , -152.3 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 |
|  |  | 20-Jul-2018 02:36:57 | Tsunami Information (Hawaiian Islands) - In The Summit Region Of Kilauea Volcano - 5.4 | 19.4° N / 155.3° W |

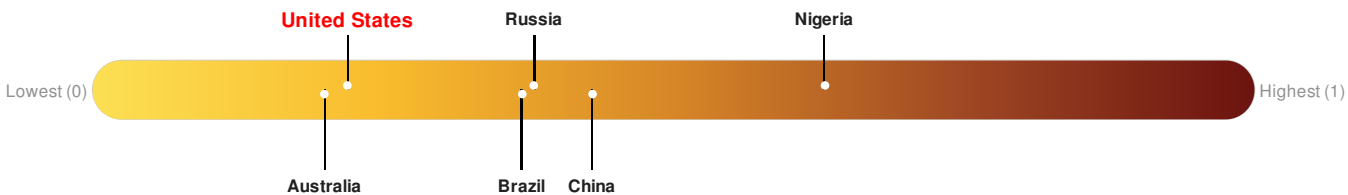
| Active Volcanoes | | | | | | | | |
|--|---|----------------------|----------------------------------|--------|---------------------|----------|------------------|----------------------|
| Event | Severity | Last Updated (UTC) | Name | Region | Primary Observatory | Activity | More Information | Lat/Long |
|  |  | 29-Sep-2009 02:19:42 | Volcano - Kilauea, United States | - | - | - | - | 19.42° N / 155.27° 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:

2011

Total: 1, 222, 554

Max Density: 23, 598(ppl/km²)

Populated Areas:



Source: [iSciences](#)

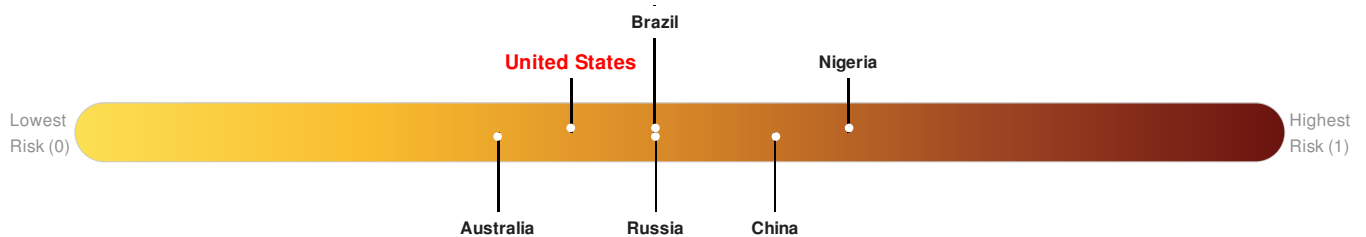
Risk & Vulnerability

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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.

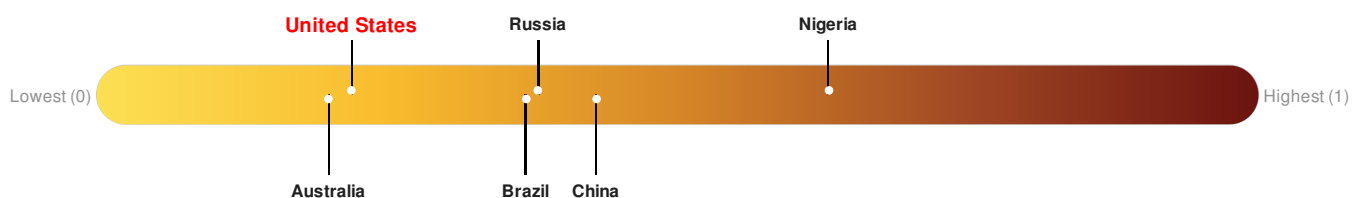


Source: [PDC](#)

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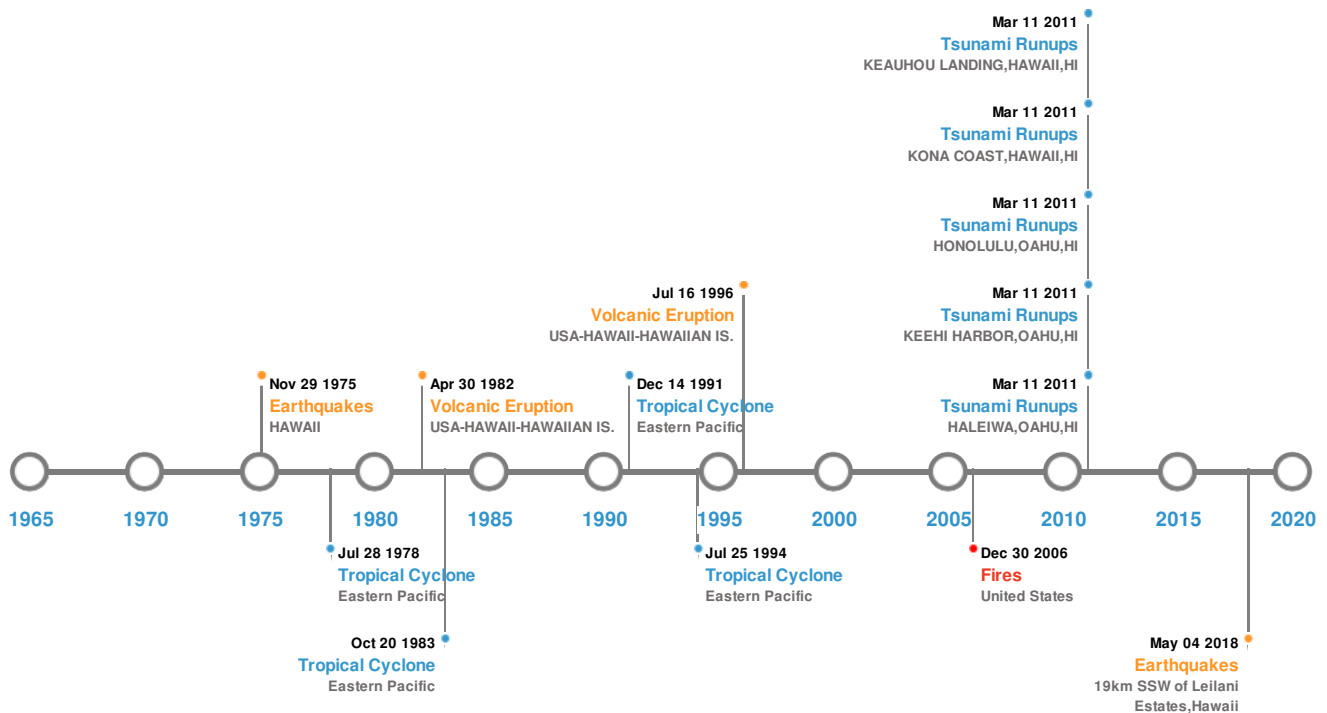


Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|-------------------------------------|----------------------|
|  | 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 |
|  | 04-May-2018 22:32:54 | 6.90 | 2.06 | 19km SSW of Leilani Estates, Hawaii | 19.31° N / 155° 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/Long |
|-------|------|---|----------------------|-------------------|-----------|----------------|
| | | 09-Jul-1978 06:00:00 - 28-Jul-1978 18:00:00 | 138 | 1013.8 | | 20.88°N 117° W |

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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