



Region Selected » Lower Left Latitude/Longitude: 19.0 N° , -159.5 E°
Upper Right Latitude/Longitude: 25.0 N° , -153.5 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.

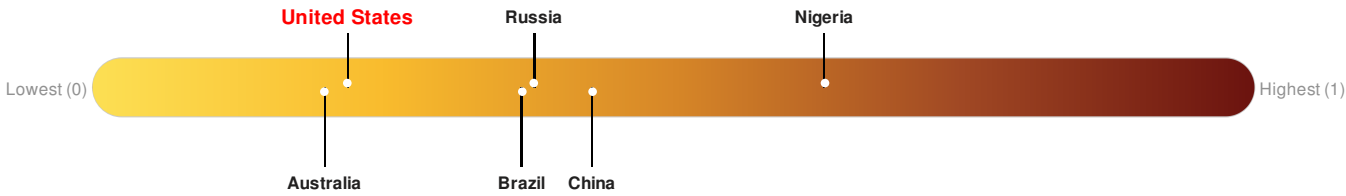
Current Hazards:

| Active Recent Tsunamis | | | | |
|--|---|----------------------|--|------------------|
| Event | Severity | Date (UTC) | Name | Lat/Long |
|  |  | 24-Feb-2017 17:37:52 | Tsunami Information (Hawaiian Islands) - South Of The Fiji Islands - 6.6 | 22° N / 156.5° 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

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Population Data:

Populated Areas:

2011

Total: 1, 268, 193
Max Density: 23, 598(ppl/km²)



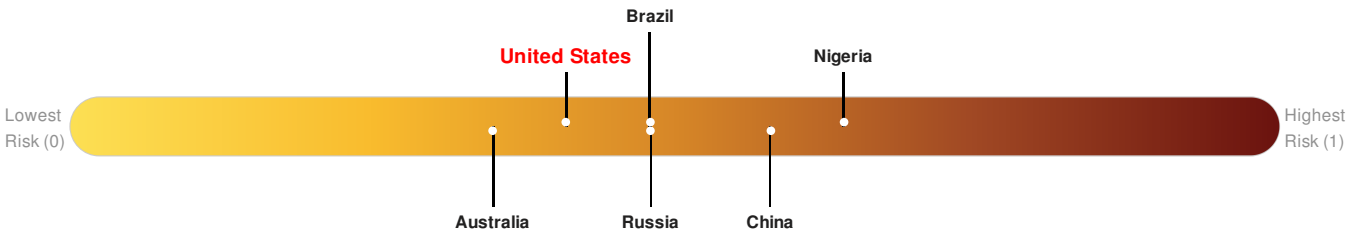
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

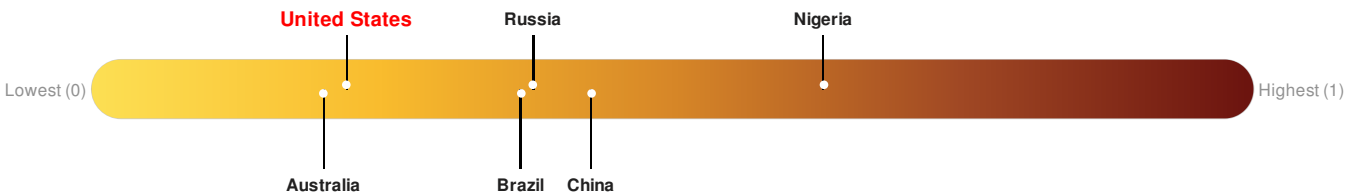
United States ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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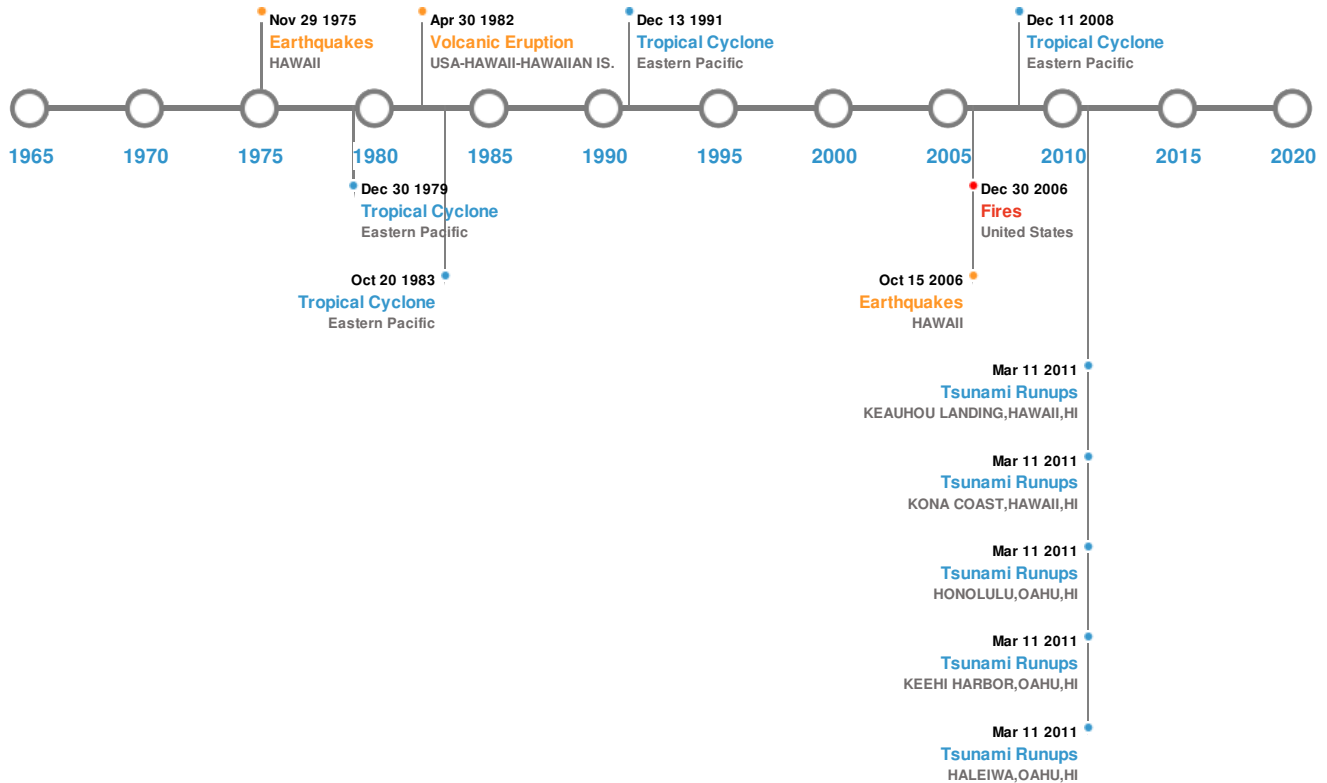
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Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|----------|----------------------|
|  | 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 |
|  | 15-Oct-2006 00:17:00 | 6.70 | 39 | HAWAII | 19.88° N / 155.93° W |

Source: [Earthquakes](#)

Volcanic Eruptions:






5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|---------|----------------------|----------------------------|-------------------------|----------------------|
|  | 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 |
|  | MAUNA LOA | 01-Jun-1950 00:00:00 | 2.00 | USA-HAWAII-HAWAIIAN IS. | 19.48° N / 155.61° 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 |
|  | INIKI | 06-Sep-1992 00:00:00 - 13-Sep-1992 18:00:00 | 144 | 938 | Eastern Pacific | 23.83° N / 146.6° 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 |
| | | | | | | |

| | | | | | | |
|--|-------------|--|--------------------------------|---------------------------------|-----------------------------|---------------------------------|
|  Event | KAY Name | 16-Sep-1980 12:00:00 - 30-Sep-1980 Start/End Date (UTC) | 138 Max Wind Speed (mph) | No Data Min Pressure (mb) | Eastern Pacific Location | 19.02° N / 130.8° W Lat/Long |
|  | 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 = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

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