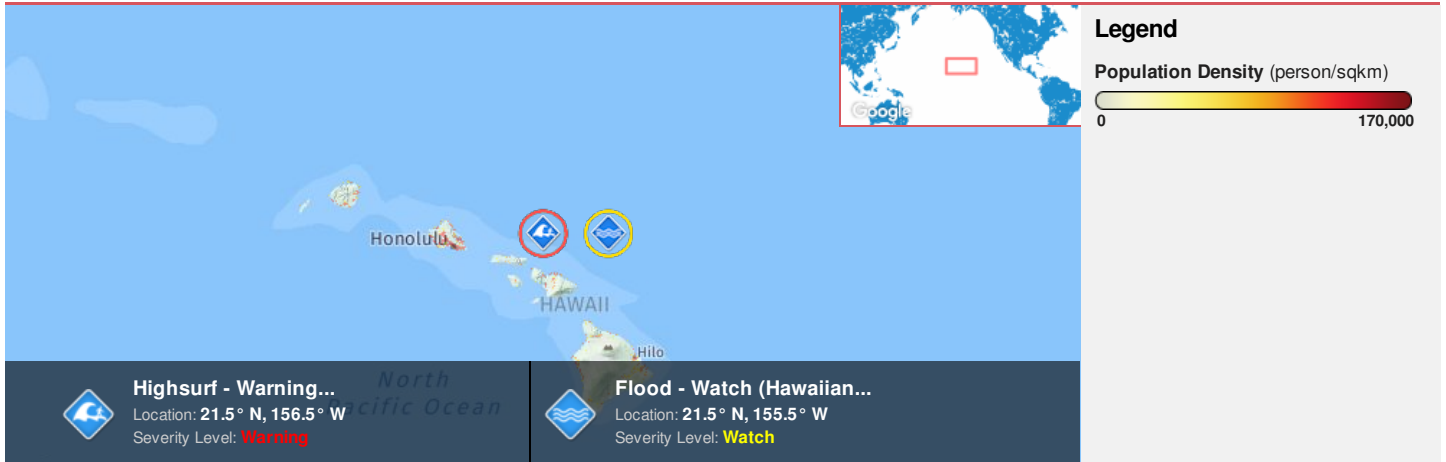


**Region Selected »** Lower Left Latitude/Longitude: 18.5 N° , -159.5 E°  
Upper Right Latitude/Longitude: 24.5 N° , -153.5 E°



### 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 High Surf                                                                   |                                                                                     |                      |                                        |                    |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------|----------------------------------------|--------------------|
| Event                                                                              | Severity                                                                            | Date (UTC)           | Name                                   | Lat/Long           |
|  |  | 23-Mar-2018 13:13:34 | Highsurf - Advisory (Hawaiian Islands) | 21.5° N / 156.5° W |
|  |  | 20-Mar-2018 20:43:43 | Highsurf - Warning (Hawaiian Islands)  | 21.5° N / 156.5° W |

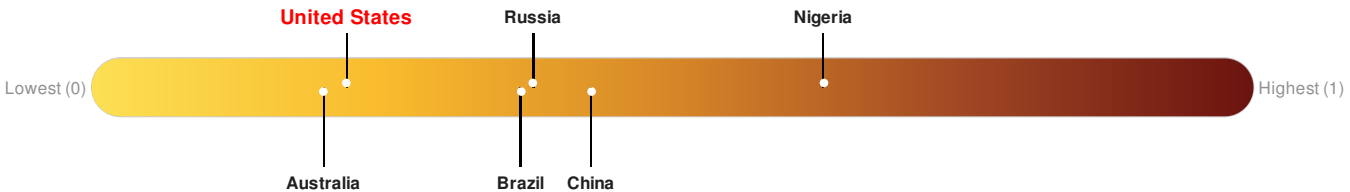
| Active Floods                                                                      |                                                                                     |                      |                                  |                    |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------|----------------------------------|--------------------|
| Event                                                                              | Severity                                                                            | Date (UTC)           | Name                             | Lat/Long           |
|  |  | 23-Mar-2018 01:42:15 | Flood - Watch (Hawaiian Islands) | 21.5° N / 155.5° 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.



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:

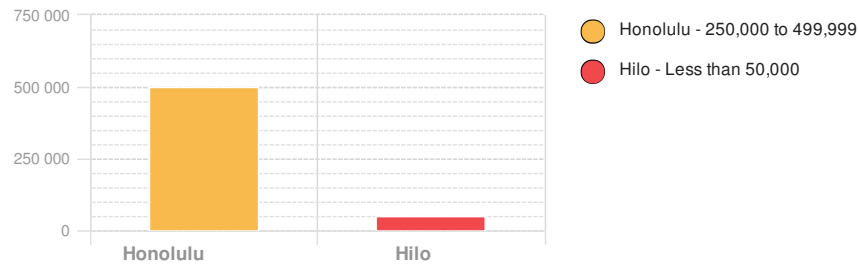
2011

---

Total: 1, 268, 231

Max Density: 23, 598(ppl/km<sup>2</sup>)

Populated Areas:



Source: [iSciences](#)

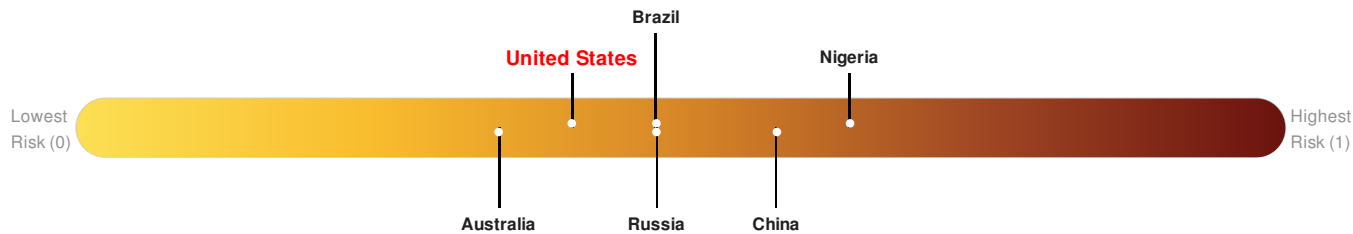
Risk & Vulnerability

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

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.

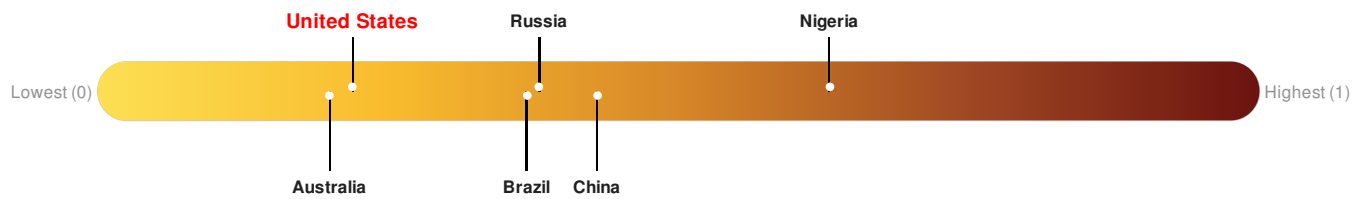


Source: [PDC](#)

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.

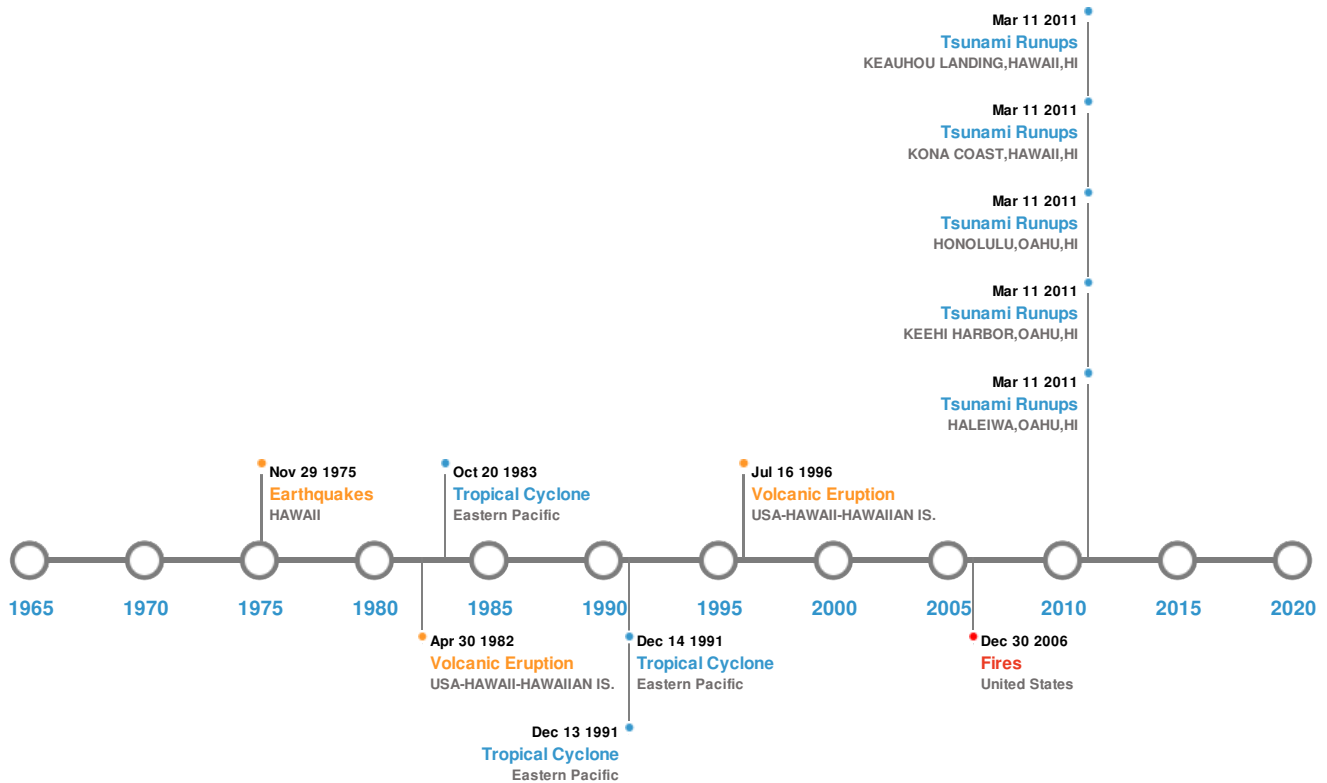


Source: [PDC](#)

## 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             |
|-------------------------------------------------------------------------------------|----------------------|-----------|------------|----------|----------------------|
|  | 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     |
|  | 21-Sep-1908 00:06:00 | 6.80      | 33         | HAWAII   | 19.5° N / 155.4° 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 |

| 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 |
|  | 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 / 152.07° 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  |
|  | RAYMOND | 08-Oct-1983 12:00:00 - 20-Oct-1983 18:00:00 | 144                  | No Data           | Eastern Pacific | 16.63° N / 131.95° W |
|  | INIKI   | 06-Sep-1992 00:00:00 - 13-Sep-1992 18:00:00 | 144                  | 938               | Eastern Pacific | 23.83° N / 146.6° W  |
|                                                                                     |         |                                             |                      |                   |                 |                      |

|                                                                                        |                |                                                            |                                           |                                        |                             |                                  |
|----------------------------------------------------------------------------------------|----------------|------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------|----------------------------------|
|  Event | ORLENE<br>Name | 03-Sep-1992 00:00:00 - 14-Sep-1992<br>Start/End Date (UTC) | <sup>144</sup><br>Max Wind Speed<br>(mph) | <sup>934</sup><br>Min Pressure<br>(mb) | Eastern Pacific<br>Location | 15.88° N / 128.85° W<br>Lat/Long |
|       | DELLA          | 01-Sep-1957 06:00:00 - 18-Sep-1957<br>12:00:00             | 138                                       | No Data                                | Eastern Pacific             | 32.8° 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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