

HONOLULU 18:07:37 16 Aug 2018 BOISE 22:07:37 16 Aug 2018 WASH.D.C. 00:07:37 17 Aug 2018 ZULU **04:07:37** 17 Aug 2018 NAIROBI 07:07:37 17 Aug 2018 BANGKOK 11:07:37 17 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 39.656672708 N°, -123.819716901 E° Upper Right Latitude/Longitude: 45.656672708 N°, -117.819716901 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:**

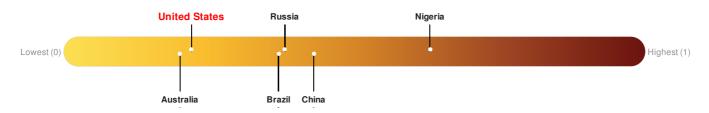
| Active Wild Fire |          |                      |   |                      |  |  |  |
|------------------|----------|----------------------|---|----------------------|--|--|--|
| Event            | Severity | Date (UTC)           | Name  | Lat/Long             |  |  |  |
|                  | •        | 17-Aug-2018 04:02:43 | Wildfire - E of Mt. Shasta, California - United States      | 41.4° N / 121.05° W  |  |  |  |
|                  | 1        | 17-Aug-2018 04:02:43 | Wildfire - NE of Klamath Falls, Oregon - United States      | 42.66° N / 120.82° W |  |  |  |
|                  | 0        | 27-Jul-2018 03:57:30 | Wildfire - Shasta County (Carr), California - United States | 40.83° N / 122.43° 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**

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### **Population Data:**

### 2011

Total: 4, 160, 619

Max Density: 31, 097(ppl/km<sup>2</sup>)

## **Populated Areas:**



Source: iSciences

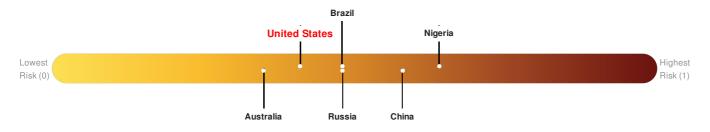
#### **Risk & Vulnerability**

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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.

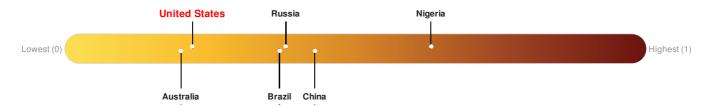


Source: PDC

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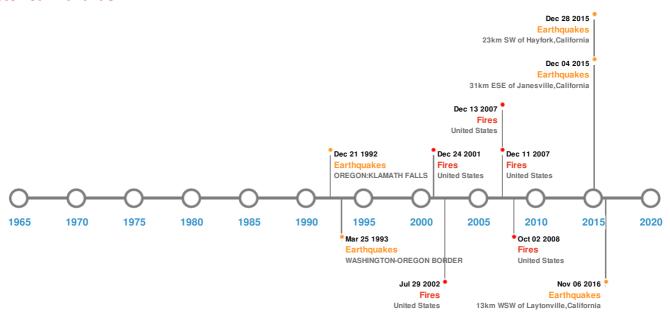


Source: PDC

#### **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             |  |  |
| <b>*</b>  | 21-Sep-1993 00:03:00 | 6.00      | 11         | OREGON: KLAMATH FALLS               | 42.31° N / 122.01° W |  |  |
| <b>*</b>  | 25-Mar-1993 00:13:00 | 5.60      | 21         | WASHINGTON-OREGON BORDER            | 45.04° N / 122.61° W |  |  |
| <b>*</b>  | 28-Aug-2016 21:20:52 | 4.49      | 35.62      | 23km SW of Hayfork, California      | 40.44° N / 123.41° W |  |  |
| <b>♦</b>  | 04-Aug-2016 04:55:35 | 4.48      | 6.87       | 31km ESE of Janesville, California  | 40.15° N / 120.21° W |  |  |
| <b>*</b>  | 06-Nov-2016 13:00:46 | 4.06      | -0.65      | 13km WSW of Laytonville, California | 39.66° N / 123.64° W |  |  |

Source: Earthquakes

# **Volcanic Eruptions:**

| 5 Largest Volcanic Eruptions (Last updated in 2000) |                   |                      |                            |                |                      |  |
|---|-------------------|----------------------|----------------------------|----------------|----------------------|--|
| Event   | Name              | Date (UTC)           | Volcanic Explosivity Index | Location       | Lat/Long             |  |
| <b>♦</b>  | NEWBERRY VOLCANO  | 01-Jan-0315 00:00:00 | 4.00                       | USA-OREGON     | 43.68° N / 121.25° W |  |
|   | LASSEN VOLC FIELD | 22-May-1915 00:00:00 | 3.00                       | USA-CALIFORNIA | 40.61° N / 121.33° W |  |

| Event    | Name          | Date (UTC)           | Volcanic Explosivity Index | Location       | Lat/Long             |
|----------|---------------|----------------------|----------------------------|----------------|----------------------|
|          | SHASTA, MOUNT | 01-Jan-1786 00:00:00 | 3.00                       | USA-CALIFORNIA | 41.4° N / 122.18° W  |
| <b>♦</b> | MEDICINE LAKE | 01-Jan-0885 00:00:00 | 3.00                       | USA-CALIFORNIA | 41.53° N / 121.53° W |
| <b>♦</b> | MEDICINE LAKE | 01-Jan-0843 00:00:00 | 3.00                       | USA-CALIFORNIA | 41.53° N / 121.53° W |

Source: Volcanoes

# Tsunami Runups:

| 5 Largest Tsunami Runups |                      |         |           |        |               |                      |
|--------------------------|----------------------|---------|-----------|--------|---------------|----------------------|
| Event                    | Date (UTC)           | Country | Runup (m) | Deaths | Location      | Lat/Long             |
| <b>\$</b>                | 28-Mar-1964 00:00:00 | USA     | 0.05      | -      | VANCOUVER, WA | 45.65° N / 122.67° W |

Source: <u>Tsunamis</u>

## Wildfires:

| 5 Largest Wildfires |   |                |               |                      |  |  |  |
|---------------------|---|----------------|---------------|----------------------|--|--|--|
| Event               | Start/End Date(UTC)                         | Size (sq. km.) | Location      | Mean Lat/Long        |  |  |  |
| <b></b>             | 14-Jul-2002 00:00:00 - 24-Aug-2002 00:00:00 | 107.80         | United States | 42.27° N / 123.82° W |  |  |  |
| <b></b>             | 21-Jun-2008 06:10:00 - 02-Oct-2008 10:30:00 | 61.80          | United States | 41.57° N / 123.51° W |  |  |  |
| <b></b>             | 21-Jun-2008 06:10:00 - 11-Sep-2008 19:35:00 | 59.30          | United States | 40.74° N / 123.26° W |  |  |  |
| <b></b>             | 13-Jul-2002 00:00:00 - 29-Jul-2002 00:00:00 | 57.80          | United States | 42.89° N / 120.87° W |  |  |  |
| <b>*</b>            | 22-Jun-2008 20:35:00 - 13-Sep-2008 05:45:00 | 50.10          | United States | 39.86° N / 121.43° W |  |  |  |

Source: Wildfires

## **Disclosures**

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<sup>\*</sup> As defined by the source (<u>Dartmouth Flood Observatory</u>, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.