Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	SYDNEY
	19:22:36 20 Oct 2016	01:22:36 21 Oct 2016	05:22:36 21 Oct 2016	08:22:36 21 Oct 2016	12:22:36 21 Oct 2016	16:22:36 21 Oct 2016

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:

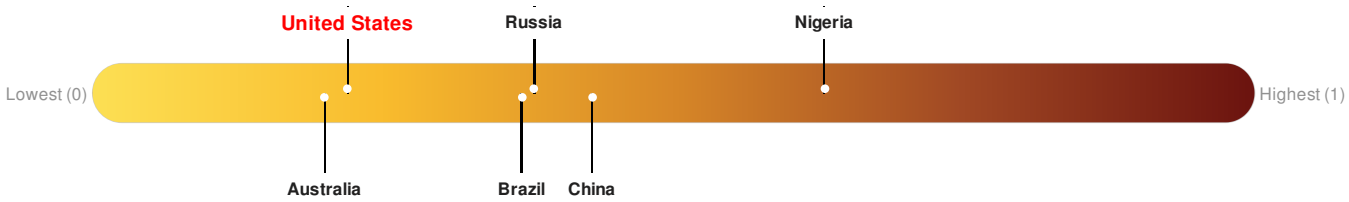
Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		21-Oct-2016 05:21:46	Tsunami Information (Hawaiian Islands) - Western Honshu Japan - 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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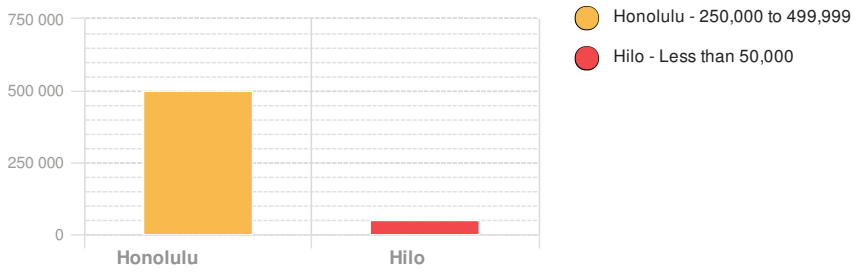
Population Data:

Populated Areas:

2011

Total: 1, 268, 193
Max Density: 23, 598(ppl/km^2)

Source: iSciences



Risk & Vulnerability

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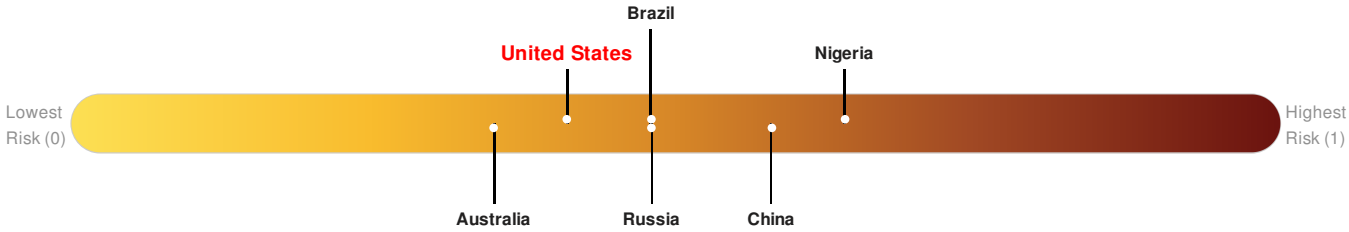
Multi Hazard Risk Index:

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

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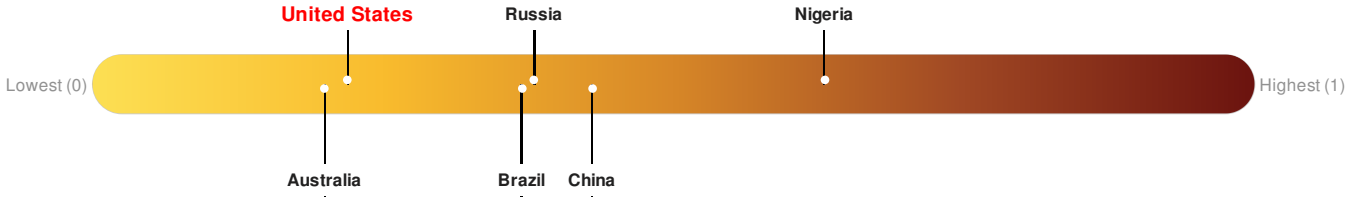

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Source: PDC

Historical Hazards

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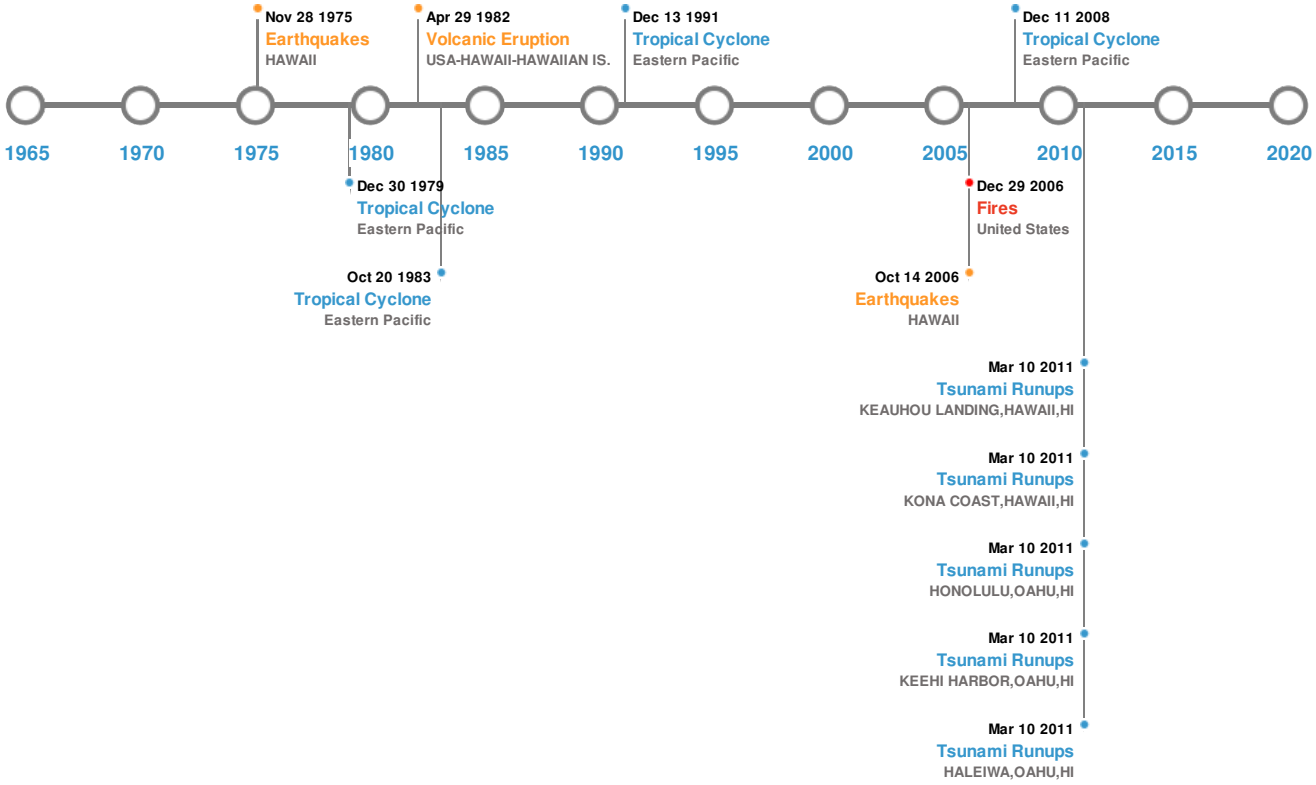
Historical Hazards:



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
	KILAUEA	21-Aug-1963 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	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
	KAY	16-Sep-1980 12:00:00 - 30-Sep-1980 12:00:00	138	No Data	Eastern Pacific	19.02° N / 130.8° W
	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.