	Pacific Disaster Center Area Brief: General	HONOLULU 16:40:38 25 Jul 2016	WASH.D.C. 22:40:38 25 Jul 2016	ZULU 02:40:38 26 Jul 2016	NAIROBI 05:40:38 26 Jul 2016	BANGKOK 09:40:38 26 Jul 2016	SYDNEY 12:40:38 26 Jul 2016
<u> </u>	Executive Summary						

Region Selected » Lower Left Latitude/Longitude: 19.6 N°, -164.8 E° Upper Right Latitude/Longitude: 25.6 N°, -158.8 E°



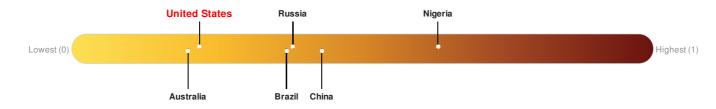
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

# **Current Hazards:**

Active Tropical Cyclones										
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
٢	0	Tropical Cyclone - Darby	29	40	WNW	9	58	Tropical Depression	1012 mb	22.6° N / 161.8° W
Source: <u>PDC</u>										

## 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: <u>PDC</u>

#### **Regional Overview**

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# **Population Data:**

# **Populated Areas:**

No significant land or population areas exist within the current map extent.

Total: 62, 929 Max Density: 2, 106(ppl/km<sup>2</sup>)

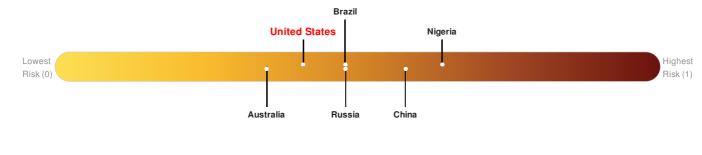
Source: <u>iSciences</u>

**Risk & Vulnerability** 

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#### Multi Hazard Risk Index:

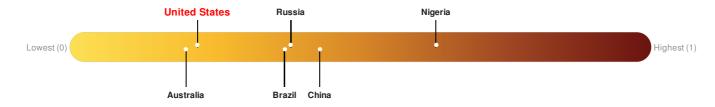
United States ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: PDC

#### Lack of Resilience Index:

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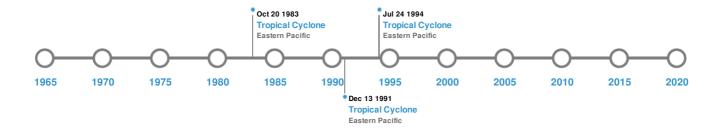


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Source: <u>PDC</u>

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#### **Historical Hazards:**



### **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long		
$\diamondsuit$	UNNAMED	23-May-1956 00:00:00	0.00	USA-HAWAII-HAWAIIAN IS.	23.58° N / 163.83° W		
$\diamondsuit$	UNNAMED	20-Aug-1955 00:00:00	0.00	HAWAII	23.58° N / 163.83° W		

Source: Volcanoes

## **Tsunami Runups:**

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
$\diamond$	09-Mar-1957 00:00:00	USA	16.2		WAINIHA BAY, KAUAI, HI	22.22° N / 159.54° W		
$\diamond$	09-Mar-1957 00:00:00	USA	16.1	-	KAUAI ISLAND, HI	21.94° N / 159.48° W		
	01-Apr-1946 00:00:00	USA	13.7	-	MOLOAA BAY, KAUAI, HI	22.2° N / 159.34° W		
	01-Apr-1946 00:00:00	USA	13.7	7	HAENA, KAUAI, HI	22.22° N / 159.57° W		
$\diamond$	01-Apr-1946 00:00:00	USA	13.7	-	KILAUEA POINT, KAUAI, HI	22.23° N / 159.4° W		

### **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long			
٢	EMILIA	16-Jul-1994 06:00:00 - 25-Jul-1994 00:00:00	155	926	Eastern Pacific	14.44° N / 148.85° W			
٢	DOT	02-Aug-1959 00:00:00 - 08-Aug-1959 06:00:00	150	No Data	Eastern Pacific	18.77° N / 152.1° W			
٢	INIKI	06-Sep-1992 00:00:00 - 13-Sep-1992 18:00:00	144	938	Eastern Pacific	23.83° N / 146.6° W			
٢	RAYMOND	08-Oct-1983 12:00:00 - 20-Oct-1983 18:00:00	144	No Data	Eastern Pacific	16.63° N / 131.95° W			
٢	DELLA	01-Sep-1957 06:00:00 - 18-Sep-1957 12:00:00	138	No Data	Eastern Pacific	32.8° N/0°			

Source: Tropical Cyclones

**Disclosures** 

\* 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.

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