HONOLULU 11:39:47 16 Jun 2018 WASH.D.C. 17:39:47 16 Jun 2018 ZULU 21:39:47 16 Jun 2018 NAIROBI 00:39:47 17 Jun 2018 BANGKOK 04:39:47 17 Jun 2018 SYDNEY 07:39:47 17 Jun 2018

Region Selected » Lower Left Latitude/Longitude: 16.4117 N°, -158.2845 E° Upper Right Latitude/Longitude: 22.4117 N°, -152.2845 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		
	0	16-Jun-2018 13:38:39	Highsurf - Advisory (Hawaiian Islands)	21.5° N / 156.5° W		

Recent	Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long			
	0	16-Jun-2018 21:39:22	5.3	0.23	5km WSW of Volcano, Hawaii	19.41° N / 155.28° W			
	0	15-Jun-2018 22:30:29	5.3	0.3	4km WSW of Volcano, Hawaii	19.42° N / 155.28° W			

Active	Active Recent Tsunamis							
Event	Severity	Date (UTC)	Name	Lat/Long				
	•	16-Jun-2018 20:22:59	Tsunami Information (Hawaiian Islands) - In The Summit Region Of Kilauea Volcano - 5.4	19.4° N / 155.3° W				
	•	15-Jun-2018 22:04:56	Tsunami Information (Hawaiian Islands) - In The Summit Region Of Kilauea Volcano - 5.3	19.4° N / 155.3° W				

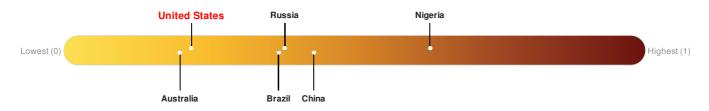
Active Volcanoes								
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long



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

Regional Overview

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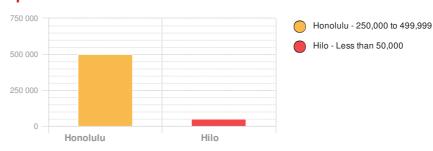
Population Data:

2011

Total: 1, 222, 554

Max Density: 23, 598(ppl/km²)

Populated Areas:



Source: iSciences

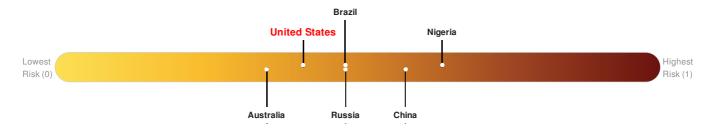
Risk & Vulnerability

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.

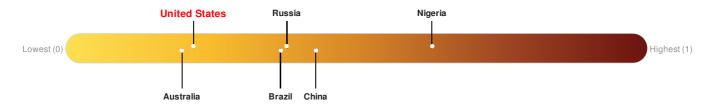


Source: PDC

Lack of Resilience Index:

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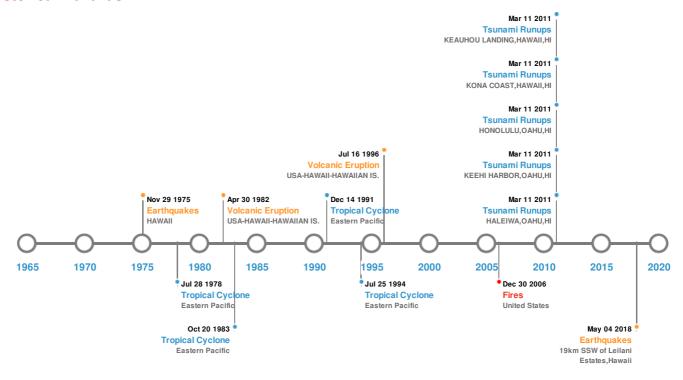


Source: PDC

Historical Hazards

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Historical Hazards:



Earthquakes:

5 Larges	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			
*	04-May-2018 22:32:54	6.90	2.06	19km SSW of Leilani Estates, Hawaii	19.31° N / 155° 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		
	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

Source: Volcanoes

Tsunami Runups:

5 Larges	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: <u>Tsunamis</u>

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	
	EMILIA	16-Jul-1994 06:00:00 - 25-Jul-1994 00:00:00	155	926	Eastern Pacific	14.44° N / 148.85° W	
	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	
	ORLENE	03-Sep-1992 00:00:00 - 14-Sep-1992 18:00:00	144	934	Eastern Pacific	15.88° N / 128.85° W	



Name

09-Jul-1978 06:00:00 - 28-Jul-1978 Start/End Date(UTC) Max Wind Speed (mph) Min Pressure (mb)

Ea**£tocation**ific

20.88**cal/Long**7° W

Source: <u>Tropical Cyclones</u>

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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