

HONOLULU 19:35:25 21 Jan 2018 MATAMOROS 23:35:25 21 Jan 2018 WASH.D.C. 00:35:25 22 Jan 2018 ZULU 05:35:25 22 Jan 2018 NAIROBI 08:35:25 22 Jan 2018 BANGKOK 12:35:25 22 Jan 2018

Region Selected » Lower Left Latitude/Longitude: 28.5547 N°, -96.8938 E° Upper Right Latitude/Longitude: 34.5547 N°, -90.8938 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 <u>register here</u>. Validation of registration information may take 24-48 hours.

#### **Current Hazards:**

Active Drought						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	06-Dec-2017 23:05:30	Drought - Arkansas, United States	34.41° N / 93.62° W		

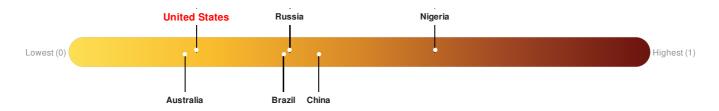
Active Tornado						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	22-Jan-2018 04:57:17	Tornado - Shreveport, LA WFO Region, US	31.55° N / 93.89° W		
	0	22-Jan-2018 04:37:22	Tornado - Little Rock, AR WFO Region, US	34.2° N / 93.69° W		
	1	22-Jan-2018 04:03:25	Tornado - Shreveport, LA WFO Region, US	32.31° N / 93.49° W		
	0	22-Jan-2018 03:47:18	Tornado - Shreveport, LA WFO Region, US	33.74° N / 94.3° 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.



Source: PDC

#### **Regional Overview**

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## **Population Data:**

#### 2011

Total: 14, 934, 266

Max Density: 37, 392(ppl/km<sup>2</sup>)

# **Populated Areas:**



Source: iSciences

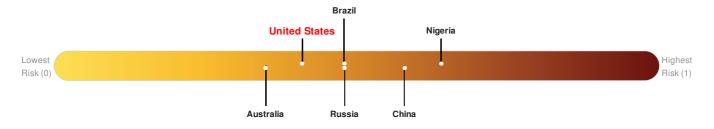
#### **Risk & Vulnerability**

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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

#### 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.



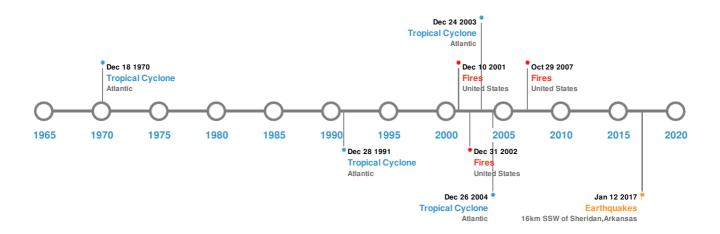
Australia Brazil China

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>	12-Jan-2017 06:42:58	2.57	10.15	16km SSW of Sheridan, Arkansas	34.18° N / 92.49° W		

Source: Earthquakes

# Tsunami Runups:

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
<b>\$</b>	02-May-1922 00:00:00	USA	0.64	-	GALVESTON, TX	29.3° N / 94.78° W	
<b>\$</b>	28-Mar-1964 03:50:00	USA	-	-	FREEPORT, TX	28.95° N / 95.35° W	
<b>\$</b>	24-Oct-1918 00:00:00	USA	-	-	GALVESTON, TX	29.3° N / 94.78° W	

Source: <u>Tsunamis</u>

### Wildfires:

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
<b></b>	04-Mar-2002 00:00:00 - 08-Jan-2003 00:00:00	11.50	United States	29.63° N / 92.63° W
<b>*</b>	08-Jul-2002 00:00:00 - 10-Sep-2002 00:00:00	11.20	United States	34.18° N / 93.32° W
<b>*</b>	24-Oct-2007 00:00:00 - 29-Oct-2007 00:00:00	8.70	United States	29.64° N / 94.22° W

Source: Wildfires

# **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long	
	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N / 82° W	
	ANDREW	17-Aug-1992 00:00:00 - 28-Aug-1992 06:00:00	173	922	Atlantic	22.63° N / 63.6° W	
	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W	
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° W	
	EDITH	06-Sep-1971 00:00:00 - 18-Sep-1971 06:00:00	161	No Data	Atlantic	22.23° N / 77.9° W	

Source: Tropical Cyclones

## **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.