Pacific Disaster Center	HONOLULU	WASH.D.C.	INDIANA/VINCENNE	s zulu	NAIROBI	BANGKOK
Area Brief: General	<b>09:23:03</b>	<b>14:23:03</b>	14:23:03	<b>19:23:03</b>	22:23:03	02:23:03
Executive Summary	21 Feb 2018	21 Feb 2018	21 Feb 2018	21 Feb 2018	21 Feb 2018	22 Feb 2018



Lower Left Latitude/Longitude: 29.04140000000003 N°, -95.1242 E° Upper Right Latitude/Longitude: 35.0414 N°, -89.1242 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 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	Tornad	0				
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	21-Feb-2018 18:47:26	Tornado - Shreveport, LA WFO Region, US	32.04° N / 92.12° W		
	0	21-Feb-2018 17:19:27	Tornado - Shreveport, LA WFO Region, US	31.76° N / 92.56° W		
	1	21-Feb-2018 15:58:35	Tornado - Lake Charles, LA WFO Region, US	30.72° N / 92.87° W		
	!	21-Feb-2018 15:53:50	Tornado - Jackson, MS WFO Region, US	31.98° N / 91.59° W		
	1	21-Feb-2018 15:51:59	Tornado - Shreveport, LA WFO Region, US	31.93° N / 92.56° W		
Source: <u>PDC</u>						

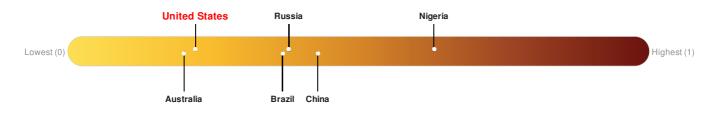
Source: <u>PDC</u>

### 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.



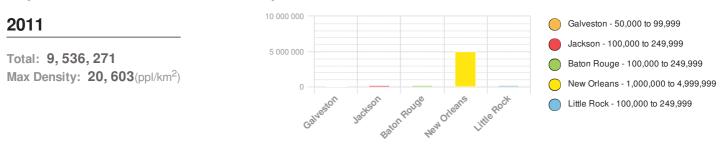
Source: PDC

#### Regional Overview

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### **Population Data:**

#### **Populated Areas:**



Source: <u>iSciences</u>

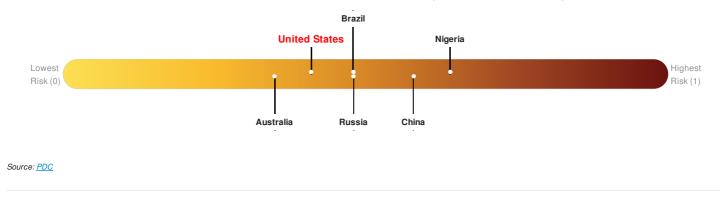
#### **Risk & Vulnerability**

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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.

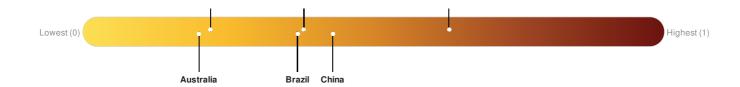


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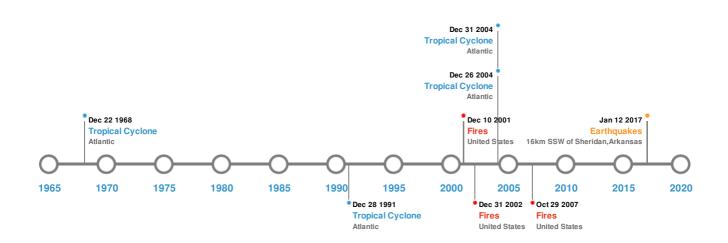
United States	Russia	
	-	



Source: PDC

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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			
	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 Large	5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long			
	02-May-1922 00:00:00	USA	0.64	-	GALVESTON, TX	29.3° N / 94.78° W			
	24-Oct-1918 00:00:00	USA	-	-	GALVESTON, TX	29.3° N / 94.78° W			
	22-Sep-1909 00:00:00	USA	-	300	GRAND ISLE, LA	29.37° N / 89.98° W			

Source: Tsunamis

### Wildfires:

**5 Largest Wildfires** 

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

# **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	CAMILLE	15-Aug-1969 00:00:00 - 22-Aug-1969 12:00:00	190	No Data	Atlantic	30.72° N / 72.05° W		
٢	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N / 82° W		
٢	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W		
٢	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° W		
٢	ANDREW	17-Aug-1992 00:00:00 - 28-Aug-1992 06:00:00	173	922	Atlantic	22.63° N / 63.6° W		

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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