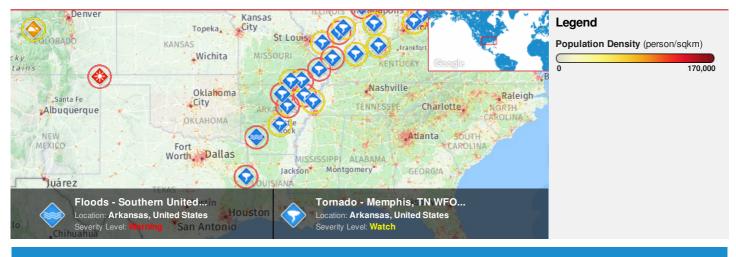
Pacific Disaster Center	HONOLULU	WASH.D.C.			NAIROBI	BANGKOK
Area Brief: General	12:46:20	18:46:20	18:46:20	22:46:20	01:46:20	05:46:20
Executive Summary	03 Apr 2018	03 Apr 2018	03 Apr 2018	03 Apr 2018	04 Apr 2018	04 Apr 2018



Lower Left Latitude/Longitude: 31.52000000000000 N\* , -95.0957 E\* Upper Right Latitude/Longitude: 37.52 N\* , -89.0957 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:**

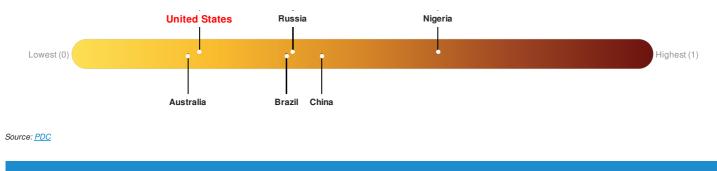
Active	Floods				
Event	Severity	Date (UTC)	Name	Lat/Long	
	0	20-Feb-2018 21:49:49	Floods - Southern United States	33.88° N / 93.52° W	
Active	Tornad	0			
Event	Severity	Date (UTC)	Name	Lat/Long	
	0	03-Apr-2018 22:25:48	Tornado - Little Rock, AR WFO Region, US	35.44° N / 91.61° W	
	0	03-Apr-2018 22:23:18	Tornado - Memphis, TN WFO Region, US	35.99° N / 90.57° W	
	0	03-Apr-2018 21:55:35	Tornado - Paducah, KY WFO Region, US	37.26° N / 89.68° W	
	0	03-Apr-2018 21:35:26	Tornado - Paducah, KY WFO Region, US	36.7° N / 90.75° W	
$\bigcirc$	0	03-Apr-2018 21:01:40	Tornado - Shreveport, LA WFO Region, US	31.85° N / 94.16° W	
	0	03-Apr-2018 20:43:24	Tornado - Little Rock, AR WFO Region, US	36.04° N / 91.94° W	
	_				

Event	Severity	03-Apr-2018 18:37:59 Date (UTC)	Tornado - Little Rock, AR WFO Region, US <b>Name</b>	34.52° N / 92.1° W Lat/Long
	!	03-Apr-2018 18:37:58	Tornado - Springfield, MO WFO Region, US	36.69° N / 91.4° W
	!	03-Apr-2018 18:37:56	Tornado - Memphis, TN WFO Region, US	35.68° N / 90.06° W
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.



#### **Regional Overview**

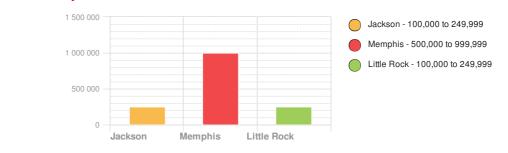
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Population Data:**

Total: 8, 610, 802

Max Density: 11, 334(ppl/km<sup>2</sup>)

#### **Populated Areas:**



Source: <u>iSciences</u>

2011

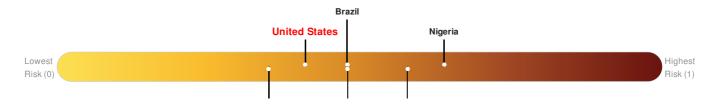
**Risk & Vulnerability** 

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.

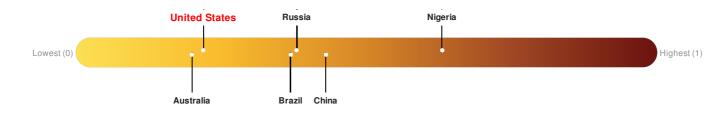


Australia	Russia	China

#### 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.

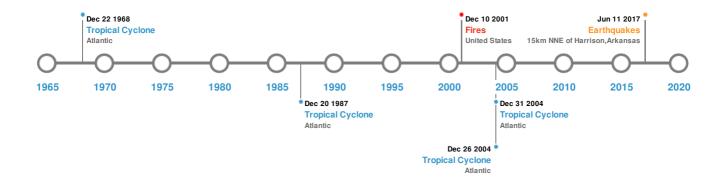
United States ranks 149 out of 165 countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: <u>PDC</u>

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.

#### **Historical Hazards:**



## Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)							
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long		
<b></b>	07-Feb-1812 00:09:00	8.80	-	MISSOURI: NEW MADRID	36.5° N / 89.6° W		
<b></b>	16-Dec-1811 00:08:00	8.50	-	ARKANSAS: NORTHEAST (NEW MADRID EARTHQUAKES)	35.6° N/90.4° W		
	23-Jan-1812 00:15:00	8.40	-	MISSOURI: NEW MADRID	36.3° N / 89.6° W		
	16-Dec-1811 00:14:00	8.00	-	ARKANSAS: NORTHEAST (NEW MADRID EARTHQUAKES)	35.6° N / 90.4° W		
<b></b>	11-Jun-2017 12:40:25	4.00	12.59	15km NNE of Harrison, Arkansas	36.36° N/93.06° W		

Source: Earthquakes

# Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
<b></b>	08-Jul-2002 00:00:00 - 10-Sep-2002 00:00:00	11.20	United States	34.18° N / 93.32° W		

## **Tropical Cyclones:**

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	GILBERT	09-Sep-1988 00:00:00 - 20-Sep-1988 00:00:00	184	888	Atlantic	27.24° N / 78.85° 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

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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