<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	INDIANA/VINCENNE	S ZULU	NAIROBI	BANGKOK
	Area Brief: General	<b>11:51:21</b>	<b>17:51:21</b>	17:51:21	<b>21:51:21</b>	<b>00:51:21</b>	<b>04:51:21</b>
	Executive Summary	29 Apr 2017	29 Apr 2017	29 Apr 2017	29 Apr 2017	30 Apr 2017	30 Apr 2017

Region Selected » Lower Left Latitude/Longitude: 32.5382 N°, -97.6893 E° Upper Right Latitude/Longitude: 38.5382 N°, -91.6893 E°



#### **Situational Awareness**

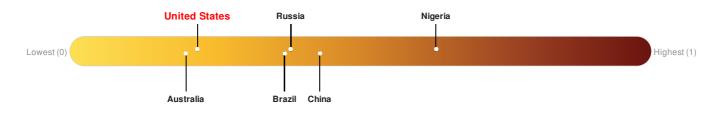
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

# **Current Hazards:**

Active Tornado						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	29-Apr-2017 21:21:34	Tornado - Tulsa, OK WFO Region, US	35.54° N / 94.69° W		
	0	29-Apr-2017 21:21:33	Tornado - Little Rock, AR WFO Region, US	35.94° N / 93.14° W		
Active Storm						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	26-Apr-2017 19:18:04	Severe Storm - Midwest/Mississippi Valley, United States	35.92° N / 92.14° W		
ource: <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.



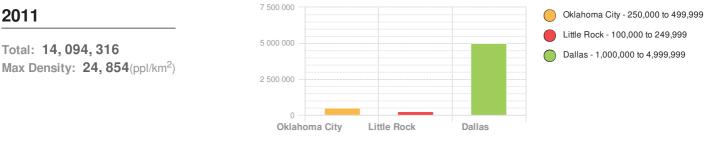
United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

### **Regional Overview**

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### **Population Data:**

#### **Populated Areas:**



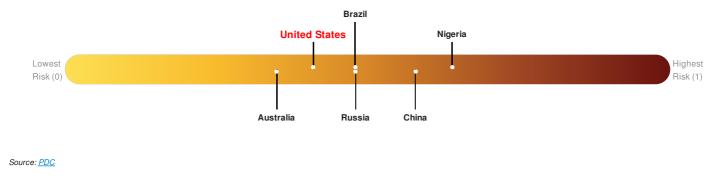
Source: <u>iSciences</u>

**Risk & Vulnerability** 

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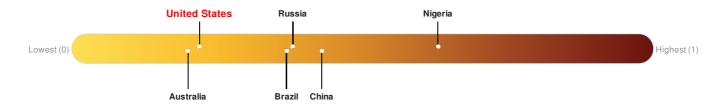
### Multi Hazard Risk Index:

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.



## Lack of Resilience Index:

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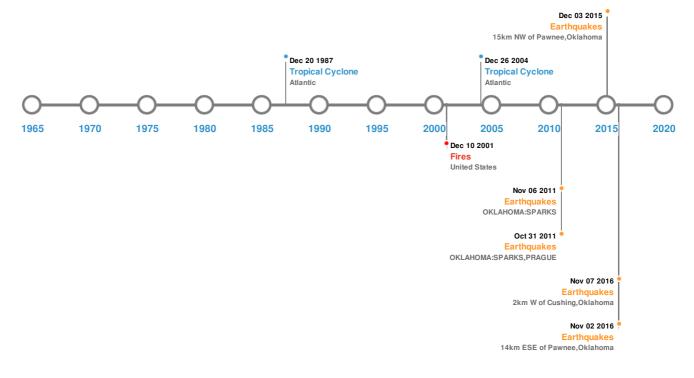


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Source: PDC

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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	
<b></b>	03-Sep-2016 12:02:44	5.80	5.4	15km NW of Pawnee, Oklahoma	36.43° N / 96.93° W	
<b></b>	06-Nov-2011 03:53:10	5.70	5	OKLAHOMA: SPARKS	35.53° N / 96.76° W	
<b></b>	07-Nov-2016 01:44:24	5.00	5	2km W of Cushing, Oklahoma	35.98° N / 96.8° W	
<b></b>	08-Nov-2011 02:46:57	5.00	5	OKLAHOMA: SPARKS, PRAGUE	35.53° N / 96.79° W	
<b></b>	02-Nov-2016 04:26:54	4.50	2.56	14km ESE of Pawnee, Oklahoma	36.31° N/96.65° 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	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	UNNAMED	31-Jul-1947 12:00:00 - 22-Oct-1947 06:00:00	161	No Data	Atlantic	26.08° N / 59.8° W
٢	BETSY	27-Aug-1965 06:00:00 - 13-Sep-1965 00:00:00	155	No Data	Atlantic	24.48° N / 71.25° 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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