

HONOLULU 12:15:49 29 Apr 2017 MATAMOROS 17:15:49 29 Apr 2017 WASH.D.C. 18:15:49 29 Apr 2017 ZULU 22:15:49 29 Apr 2017 NAIROBI 01:15:49 30 Apr 2017 BANGKOK 05:15:49 30 Apr 2017

Region Selected » Lower Left Latitude/Longitude: 29.7676 N°, -98.1244 E° Upper Right Latitude/Longitude: 35.7676 N°, -92.1244 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.

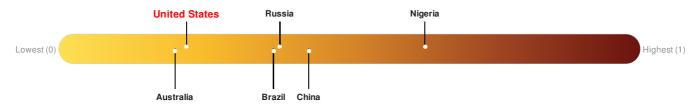
#### **Current Hazards:**

Active Tornado									
Event	Severity	Date (UTC)	Name	Lat/Long					
	!	29-Apr-2017 22:13:31	Tornado - Shreveport, LA WFO Region, US	32.77° N / 95.12° W					
	0	29-Apr-2017 21:49:33	Tornado - Dallas/Fort Worth, TX WFO Region, US	32.51° N / 95.85° W					
	0	29-Apr-2017 21:45:41	Tornado - Tulsa, OK WFO Region, US	35.23° N / 95.1° W					
	0	29-Apr-2017 21:21:34	Tornado - Tulsa, OK WFO Region, US	35.54° N / 94.69° W					

Source: PDC

#### 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.

2011

#### **Regional Overview**

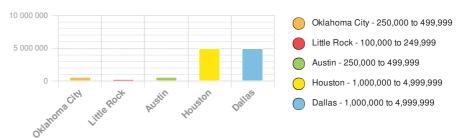
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## **Population Data:**

Total: 18, 202, 296

Max Density: 27, 218(ppl/km<sup>2</sup>)

# **Populated Areas:**



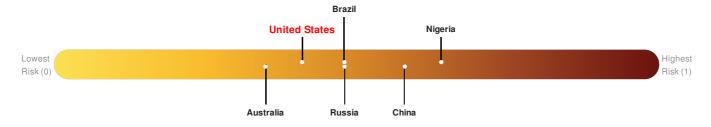
Source: iSciences

#### **Risk & Vulnerability**

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#### Multi Hazard Risk Index:

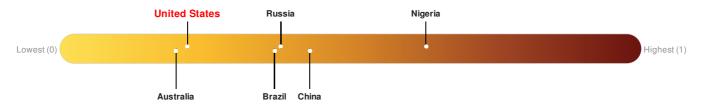
United States ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: PDC

### 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.



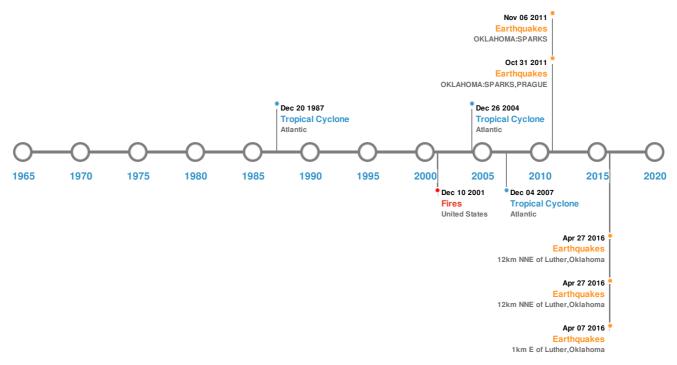
United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

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>	06-Nov-2011 03:53:10	5.70	5	OKLAHOMA: SPARKS	35.53° N / 96.76° W			
<b>*</b>	08-Nov-2011 02:46:57	5.00	5	OKLAHOMA: SPARKS, PRAGUE	35.53° N / 96.79° W			
<b></b>	07-Apr-2016 22:27:30	4.20	6.106	1km E of Luther, Oklahoma	35.66° N / 97.17° W			
<b></b>	27-Apr-2016 15:44:55	4.10	5.72	12km NNE of Luther, Oklahoma	35.76° N / 97.13° W			
<b>*</b>	27-Apr-2016 15:44:55	4.10	5.72	12km NNE of Luther, Oklahoma	35.76° N/97.13° 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				

Source: Wildfires

# **Tropical Cyclones:**

#### **5 Largest Tropical Cyclones** Max Wind Speed Min Pressure Event Start/End Date(UTC) Location Lat/Long (mph) (mb) 09-Sep-1988 00:00:00 - 20-Sep-1988 GILBERT 27.24° N / 78.85° W 184 888 Atlantic 00:00:00 18-Sep-2005 06:00:00 - 26-Sep-2005 RITA 178 897 Atlantic 29.91° N / 82° W 06:00:00 03-Sep-1961 18:00:00 - 16-Sep-1961 CARLA No Data 35.84° N / 81.2° W 173 Atlantic 00:00:00 31-Jul-1947 12:00:00 - 22-Oct-1947 UNNAMED No Data 161 Atlantic 26.08° N / 59.8° W 06:00:00 25-Aug-2008 18:00:00 - 04-Sep-2008 GUSTAV 25.07° N / 82.2° W 150 941 Atlantic 09:00:00

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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