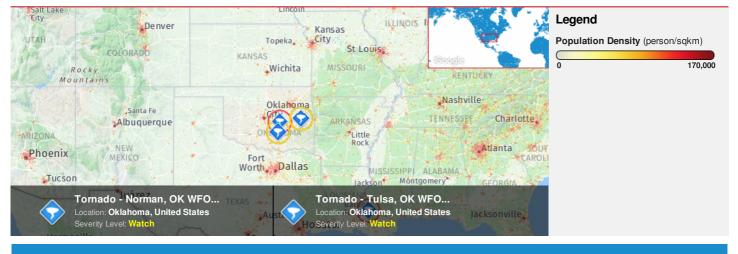
Pacific Disaster Center	HONOLULU	MATAMOROS	WASH.D.C.	ZULU	NAIROBI	BANGKOK
Area Brief: General	<b>17:40:29</b>	22:40:29	23:40:29	03:40:29	06:40:29	<b>10:40:29</b>
Executive Summary	21 Oct 2017	21 Oct 2017	21 Oct 2017	22 Oct 2017	22 Oct 2017	22 Oct 2017

Region Selected » Lower Left Latitude/Longitude: 32.2698 N\*, -99.5835 E\* Upper Right Latitude/Longitude: 38.2698 N\*, -93.5835 E\*



#### Situational Awareness

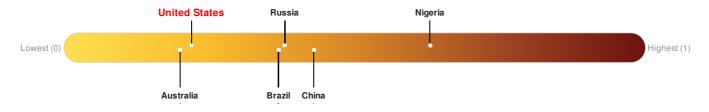
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Active Tornado					
Event	Severity	Date (UTC)	Name	Lat/Long	
	0	22-Oct-2017 02:41:21	Tornado - Norman, OK WFO Region, US	35.27° N / 96.58° W	
	1	22-Oct-2017 00:27:26	Tornado - Tulsa, OK WFO Region, US	35.42° N / 95.28° W	
	1	22-Oct-2017 00:27:25	Tornado - Norman, OK WFO Region, US	34.75° N / 96.68° 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.

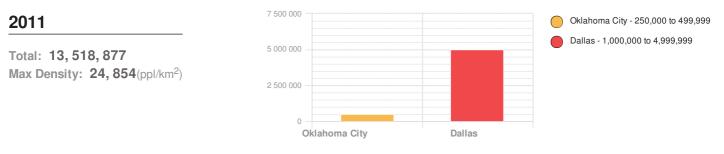


United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints. *Source: PDC* 

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:**

#### **Populated Areas:**



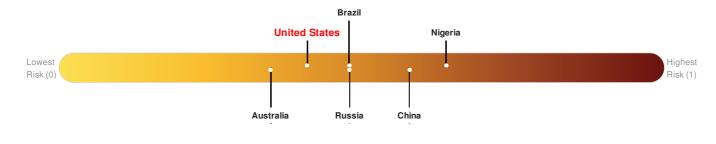
Source: iSciences

**Risk & Vulnerability** 

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### **Multi Hazard Risk Index:**

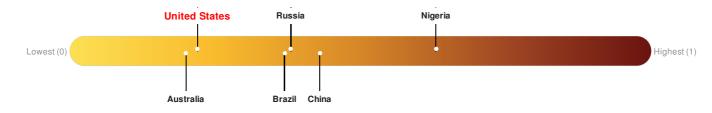
United States ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



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.

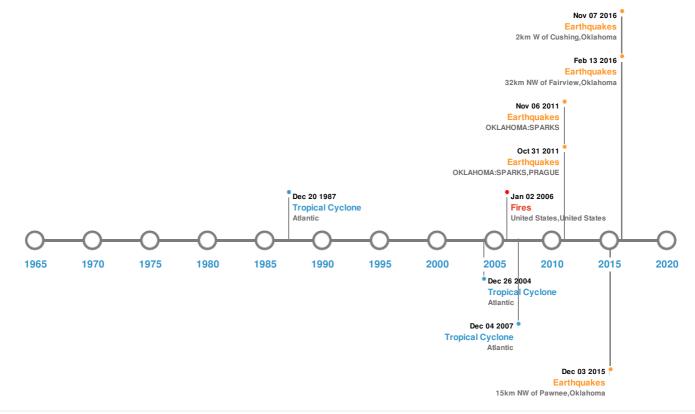


United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

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)						
Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long		
03-Sep-2016 12:02:44	5.80	5.4	15km NW of Pawnee, Oklahoma	36.43° N / 96.93° W		
06-Nov-2011 03:53:10	5.70	5	OKLAHOMA: SPARKS	35.53° N / 96.76° W		
13-Feb-2016 17:07:06	5.10	8.27	32km NW of Fairview, Oklahoma	36.48° N / 98.73° W		
07-Nov-2016 01:44:24	5.00	5	2km W of Cushing, Oklahoma	35.98° N / 96.8° W		
08-Nov-2011 02:46:57	5.00	5	OKLAHOMA: SPARKS, PRAGUE	35.53° N / 96.79° W		
	Date (UTC)   03-Sep-2016 12:02:44   06-Nov-2011 03:53:10   13-Feb-2016 17:07:06   07-Nov-2016 01:44:24	Date (UTC) Magnitude   03-Sep-2016 12:02:44 5.80   06-Nov-2011 03:53:10 5.70   13-Feb-2016 17:07:06 5.10   07-Nov-2016 01:44:24 5.00	Date (UTC) Magnitude Depth (Km)   03-Sep-2016 12:02:44 5.80 5.4   06-Nov-2011 03:53:10 5.70 5   13-Feb-2016 17:07:06 5.10 8.27   07-Nov-2016 01:44:24 5.00 5	Date (UTC) Magnitude Depth (Km) Location   03-Sep-2016 12:02:44 5.80 5.4 15km NW of Pawnee, Oklahoma   06-Nov-2011 03:53:10 5.70 5 OKLAHOMA: SPARKS   13-Feb-2016 17:07:06 5.10 8.27 32km NW of Fairview, Oklahoma   07-Nov-2016 01:44:24 5.00 5 2km W of Cushing, Oklahoma		

Source: Earthquakes

## Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
	02-Jan-2006 00:00:00 - 02-Jan-2006 00:00:00	10.80	United States, United States	32.28° N / 98.7° W			

# **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	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	GUSTAV	25-Aug-2008 18:00:00 - 04-Sep-2008 09:00:00	150	941	Atlantic	25.07° N / 82.2° 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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