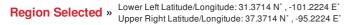
<u> </u>	Pacific Disaster Center	HONOLULU	MATAMOROS	WASH.D.C.	ZULU	NAIROBI	BANGKOK
	Area Brief: General	16:41:21	21:41:21	22:41:21	02:41:21	05:41:21	09:41:21
	Executive Summary	21 Oct 2017	21 Oct 2017	21 Oct 2017	22 Oct 2017	22 Oct 2017	22 Oct 2017





Situational Awareness

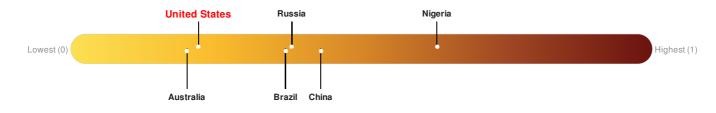
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Active Tornado						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	22-Oct-2017 00:29:17	Tornado - Norman, OK WFO Region, US	35.08° N / 97.99° W		
	1	22-Oct-2017 00:27:26	Tornado - Tulsa, OK WFO Region, US	35.72° N / 95.54° W		
	1	22-Oct-2017 00:27:25	Tornado - Norman, OK WFO Region, US	34.75° N / 96.68° W		
	1	21-Oct-2017 20:09:29	Tornado - Norman, OK WFO Region, US	34.37° N / 98.22° W		
Source: <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.



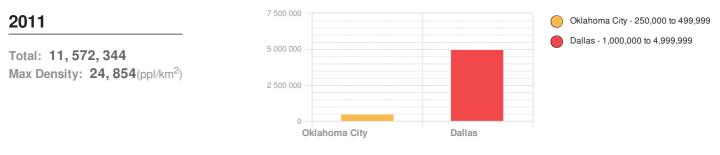
United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Regional Overview

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:



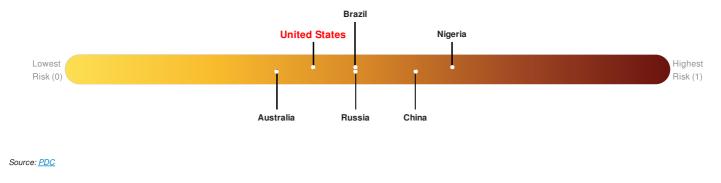
Source: <u>iSciences</u>

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.

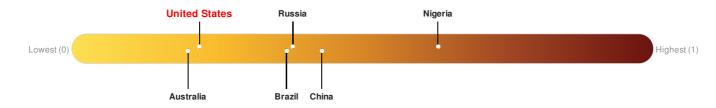
Multi Hazard Risk Index:

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:

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.

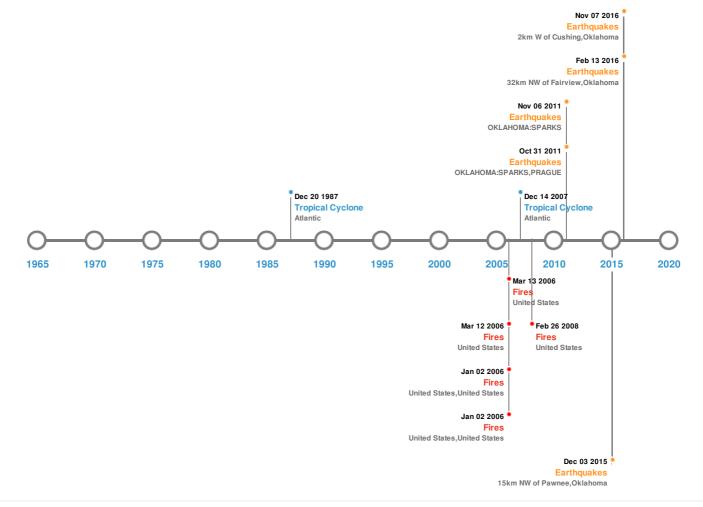


United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

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)						
Event	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	

Source: Earthquakes

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
	12-Mar-2006 00:00:00 - 12-Mar-2006 00:00:00	34.60	United States	35.64° N / 101.26° W		
	01-Jan-2006 00:00:00 - 02-Jan-2006 00:00:00	14.90	United States, United States	31.68° N / 100.91° W		
	26-Feb-2008 04:55:00 - 26-Feb-2008 04:55:00	14.80	United States	31.56° N / 101.2° W		
	02-Jan-2006 00:00:00 - 02-Jan-2006 00:00:00	10.80	United States, United States	32.28° N / 98.7° W		
	13-Mar-2006 00:00:00 - 13-Mar-2006 00:00:00	8.40	United States	35.77° N / 100.58° W		
Source: Wildfires						

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
٩	GILBERT	09-Sep-1988 00:00:00 - 20-Sep-1988 00:00:00	184	888	Atlantic	27.24° N / 78.85° W
٩	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	IKE	01-Sep-2008 21:00:00 - 14-Sep-2008 09:00:00	144	935	Atlantic	26.51° N / 67.45° W
٢	UNNAMED	20-Jun-1945 18:00:00 - 16-Oct-1945 18:00:00	138	No Data	Atlantic	34.53° N / 65.2° 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.