

HONOLULU 16:34:05 21 Jan 2018 MATAMOROS 20:34:05 21 Jan 2018 WASH.D.C. 21:34:05 21 Jan 2018 ZULU 02:34:05 22 Jan 2018 NAIROBI 05:34:05 22 Jan 2018 BANGKOK 09:34:05 22 Jan 2018

Region Selected » Lower Left Latitude/Longitude: 30.043300000000000 N°, -98.3967 E° Upper Right Latitude/Longitude: 36.0433 N°, -92.3967 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 Drought					
Event	Severity	Date (UTC)	Name	Lat/Long	
	0	06-Dec-2017 23:05:30	Drought - Arkansas, United States	34.41° N/93.62° W	

Active Tornado				
Event	Severity	Date (UTC)	Name	Lat/Long
	0	22-Jan-2018 02:09:24	Tornado - Dallas/Fort Worth, TX WFO Region, US	33.04° N / 95.4° W
	0	22-Jan-2018 01:47:19	Tornado - Shreveport, LA WFO Region, US	32.88° N / 95.51° W
	0	22-Jan-2018 01:01:21	Tornado - Tulsa, OK WFO Region, US	35.3° N / 94.1° W
	0	22-Jan-2018 00:13:17	Tornado - Dallas/Fort Worth, TX WFO Region, US	32.18° N / 96.24° W
	1	21-Jan-2018 21:11:26	Tornado - Dallas/Fort Worth, TX WFO Region, US	32.65° N / 95.95° W
•	1	21-Jan-2018 21:09:30	Tornado - Little Rock, AR WFO Region, US	35.13° N / 93.57° W
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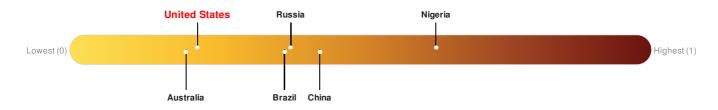


Source: PDC

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: PDC

Regional Overview

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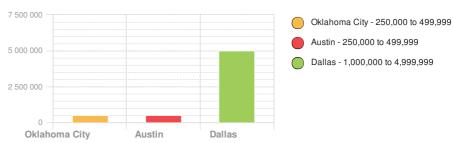
Population Data:

2011

Total: 15, 937, 854

Max Density: 27, 218(ppl/km²)

Populated Areas:



Source: iSciences

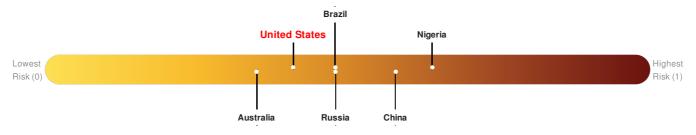
Risk & Vulnerability

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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

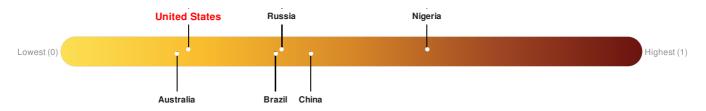
Multi-Hazard Exposure United States ranks 121 out of 165 countries assessed for Multi Hazard Risk. United States has a Multi Hazard Risk higher than 27% of countries assessed. This indicates that United States has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



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.

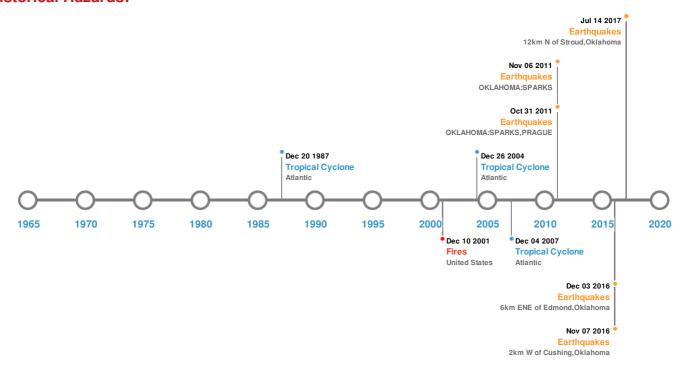


Source: PDC

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
*	06-Nov-2011 03:53:10	5.70	5	OKLAHOMA: SPARKS	35.53° N / 96.76° 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
♦	03-Aug-2017 02:56:37	4.20	2.26	6km ENE of Edmond, Oklahoma	35.68° N / 97.42° W
*	14-Jul-2017 13:47:35	4.20	6.813	12km N of Stroud, Oklahoma	35.86° N / 96.68° W

Source: Earthquakes

Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
*	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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