HONOLULU 11:30:46 19 Aug 2018 WASH.D.C. 17:30:46 19 Aug 2018 17:30:46 19 Aug 2018

ZULU NAIF 21:30:46 00:3 19 Aug 2018 20 Aug

NAIROBI 00:30:46 20 Aug 2018 BANGKOK 04:30:46 20 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 33.1918 N°, -98.2114 E° Upper Right Latitude/Longitude: 39.1918 N°, -92.2114 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:

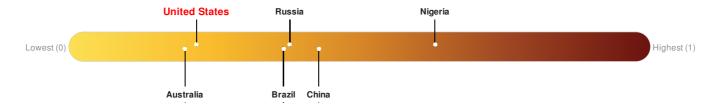
Active Tornado								
Event	Severity	Date (UTC)	Name	Lat/Long				
	1	19-Aug-2018 21:15:58	Tornado - Springfield, MO WFO Region, US	37.02° N / 93.01° W				
	1	19-Aug-2018 21:15:56	Tornado - Tulsa, OK WFO Region, US	36.11° N / 94.48° W				
	1	19-Aug-2018 21:11:25	Tornado - Little Rock, AR WFO Region, US	36.08° N / 92.79° W				
	0	19-Aug-2018 21:05:28	Tornado - Tulsa, OK WFO Region, US	35.9° N / 94.65° W				
	0	19-Aug-2018 20:49:20	Tornado - Tulsa, OK WFO Region, US	36.19° N / 95.21° W				
	0	19-Aug-2018 20:13:24	Tornado - Springfield, MO WFO Region, US	37.18° N / 92.82° W				

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: 10, 352, 440

Max Density: 18, 699(ppl/km²)

Populated Areas:



Source: iSciences

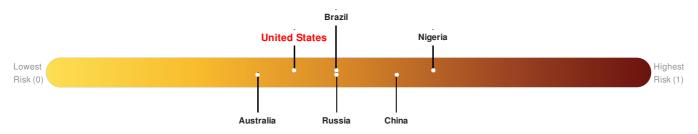
Risk & Vulnerability

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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.



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.



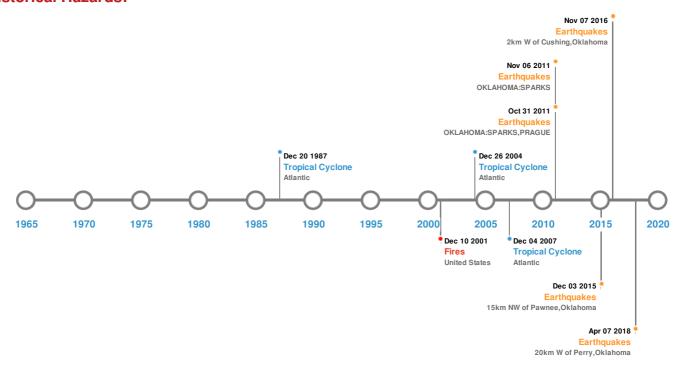
Australia Brazil Unina

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			
*	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			
	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			
*	07-Apr-2018 12:16:03	4.60	5.791	20km W of Perry, Oklahoma	36.29° N / 97.52° 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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