Pacific Disaster Center
Area Brief: General Executive Summary

| HONOLULU 16:49:58 19 Mar 2018 | WASH.D.C. 22:49:58 19 Mar 2018 | KENTUCKY/MONTICELLO 22:49:58 19 Mar 2018 | ZULU 02:49:58 20 Mar 2018 | NAIROBI 05:49:58 20 Mar 2018 | BANGKOK 09:49:58 20 Mar 2018 |

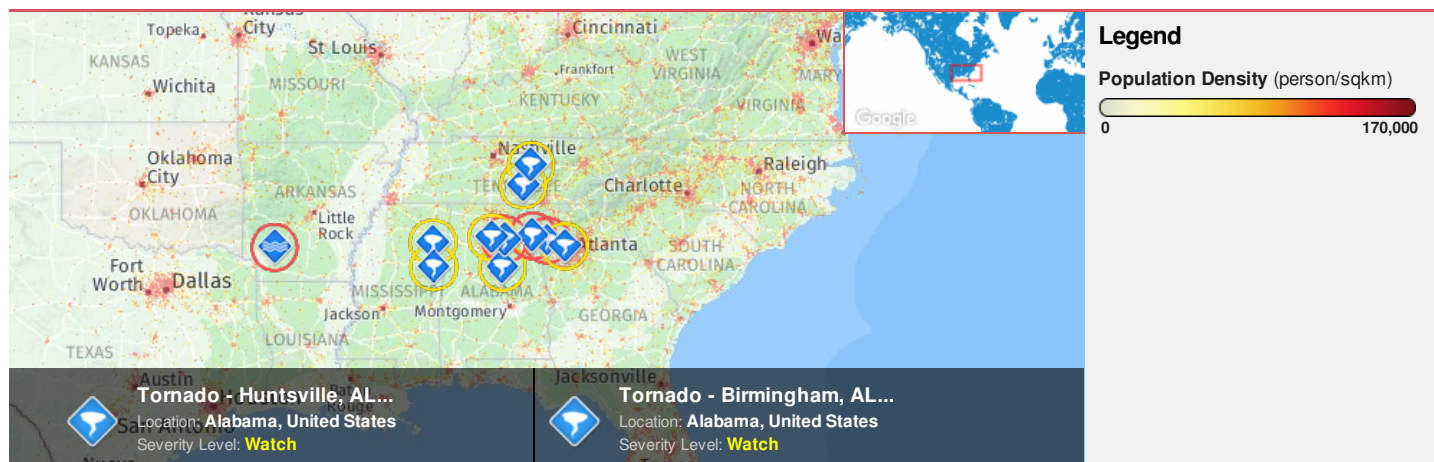**Region Selected »** Lower Left Latitude/Longitude: 31.056800000000003 N˚ , -88.178 E˚
Upper Right Latitude/Longitude: 37.0568 N˚ , -82.178 E˚

Legend

Population Density (person/sqkm)

0   170,000

Tornado - Huntsville, AL...
Location: **Alabama, United States**
Severity Level: **Watch**

Tornado - Birmingham, AL...
Location: **Alabama, United States**
Severity Level: **Watch**

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.
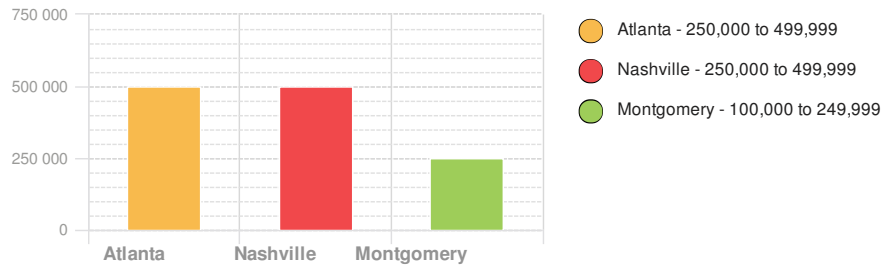
Current Hazards:

Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		20-Mar-2018 01:46:00	Tornado - Atlanta, GA WFO Region, US	34.06° N / 85.18° W
		20-Mar-2018 01:16:23	Tornado - Atlanta, GA WFO Region, US	33.91° N / 84.64° W
		20-Mar-2018 01:05:38	Tornado - Birmingham, AL WFO Region, US	34.18° N / 85.62° W
		20-Mar-2018 00:23:31	Tornado - Birmingham, AL WFO Region, US	34.09° N / 86.48° W
		19-Mar-2018 20:48:53	Tornado - Nashville, TN WFO Region, US	35.94° N / 85.67° W
		19-Mar-2018 20:42:55	Tornado - Nashville, TN WFO Region, US	35.44° N / 85.92° W
		19-Mar-2018 20:38:22	Tornado - Birmingham, AL WFO Region, US	33.37° N / 86.54° W
		19-Mar-2018 20:33:40	Tornado - Huntsville, AL WFO Region, US	34.13° N / 86.87° 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.
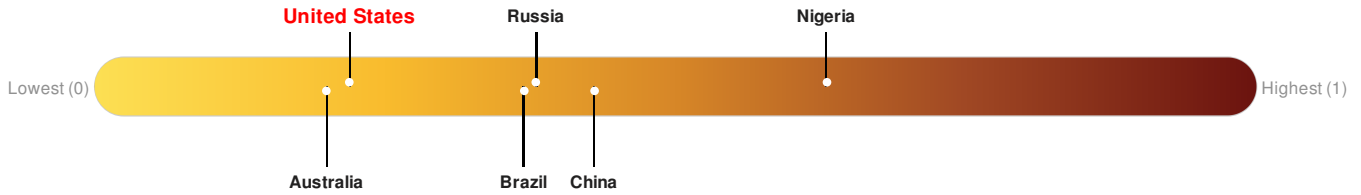
Source: PDC

Regional Overview

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Population Data:

2011
___

Total: 19, 078, 618
Max Density: 40, 038(ppl/km^2)

Populated Areas:

- Atlanta - 250,000 to 499,999
- Nashville - 250,000 to 499,999
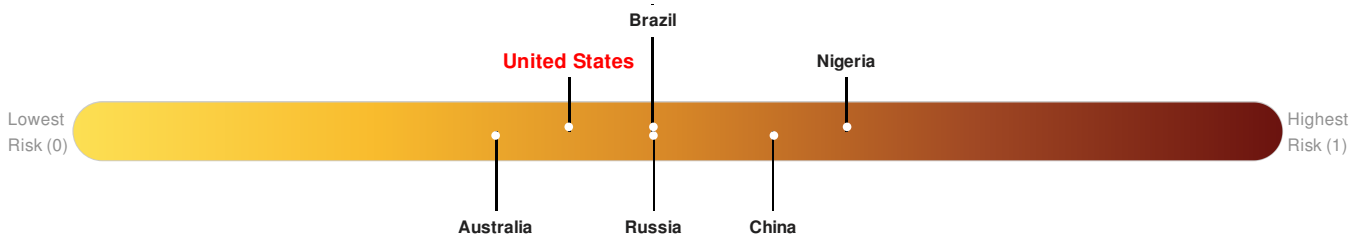- Montgomery - 100,000 to 249,999

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.
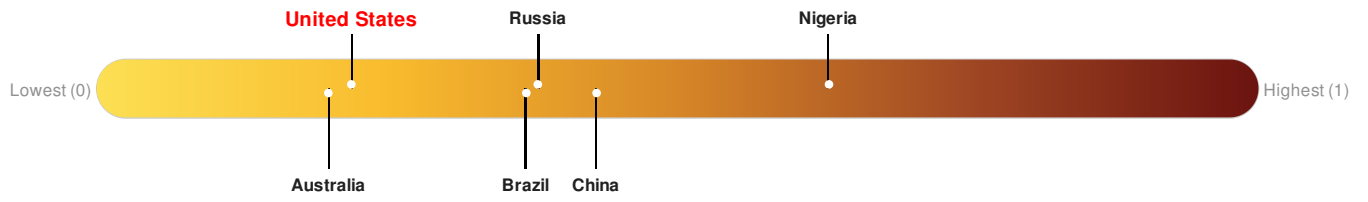

Source: PDC

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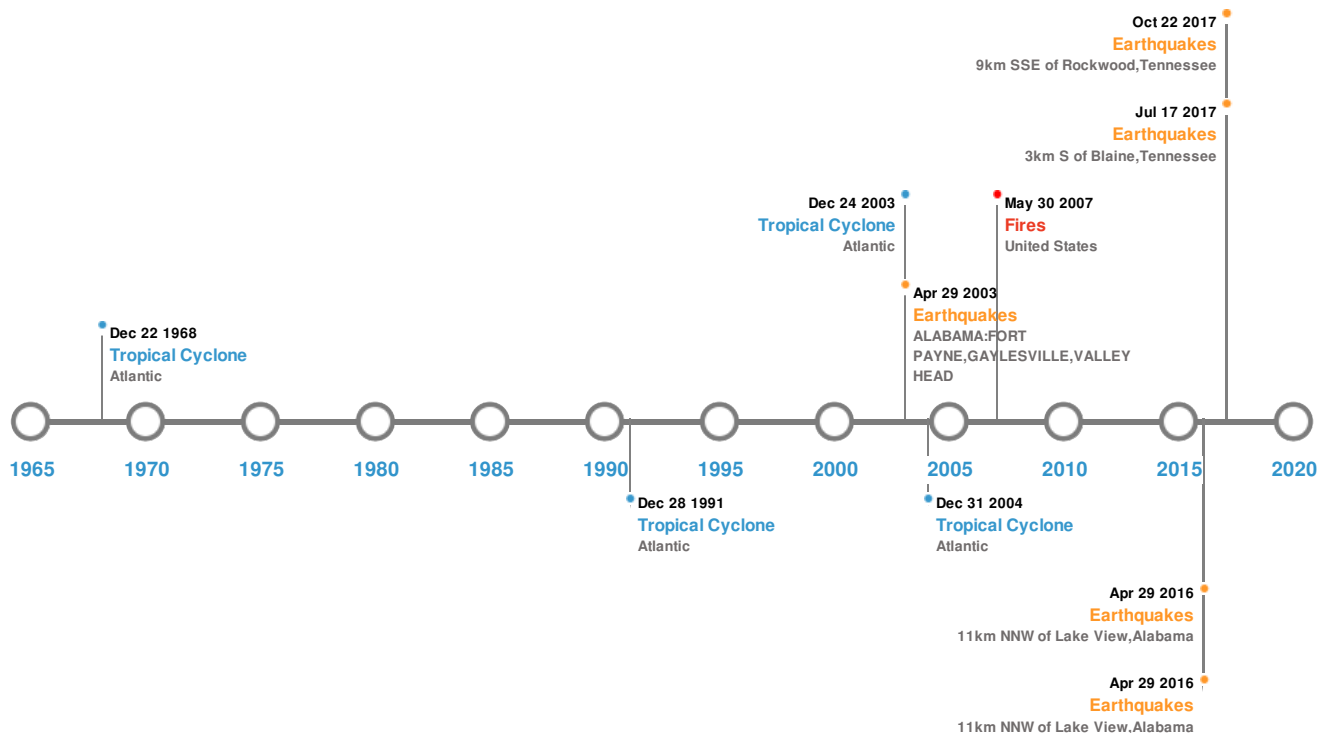
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Historical Hazards:

Earthquakes:

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
5 Largest Earthquakes (Resulting in significant damage or deaths)					
	29-Apr-2003 00:08:00	4.60	20	ALABAMA: FORT PAYNE,GAYLESVILLE,VALLEY HEAD	34.49° N / 85.63° W
	29-Apr-2016 08:58:13	3.00	1.24	11km NNW of Lake View, Alabama	33.37° N / 87.2° W
	29-Apr-2016 08:58:13	3.00	1.24	11km NNW of Lake View, Alabama	33.37° N / 87.2° W
	17-Jul-2017 12:44:57	2.78	9.94	3km S of Blaine, Tennessee	36.13° N / 83.7° W
	22-Oct-2017 10:48:16	2.75	24.02	9km SSE of Rockwood, Tennessee	35.78° N / 84.64° W

Source: Earthquakes

Wildfires:

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
5 Largest Wildfires				
	17-Apr-2007 00:00:00 - 30-May-2007 00:00:00	46.00	United States	31.07° N / 82.36° 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
	CAMILLE	15-Aug-1969 00:00:00 - 22-Aug-1969 12:00:00	190	No Data	Atlantic	30.72° N / 72.05° W
	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° W
	ANDREW	17-Aug-1992 00:00:00 - 28-Aug-1992 06:00:00	173	922	Atlantic	22.63° N / 63.6° W
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° W
	ETHEL	14-Sep-1960 18:00:00 - 17-Sep-1960 18:00:00	161	No Data	Atlantic	29.86° N / 88.8° W

Source: Tropical Cyclones