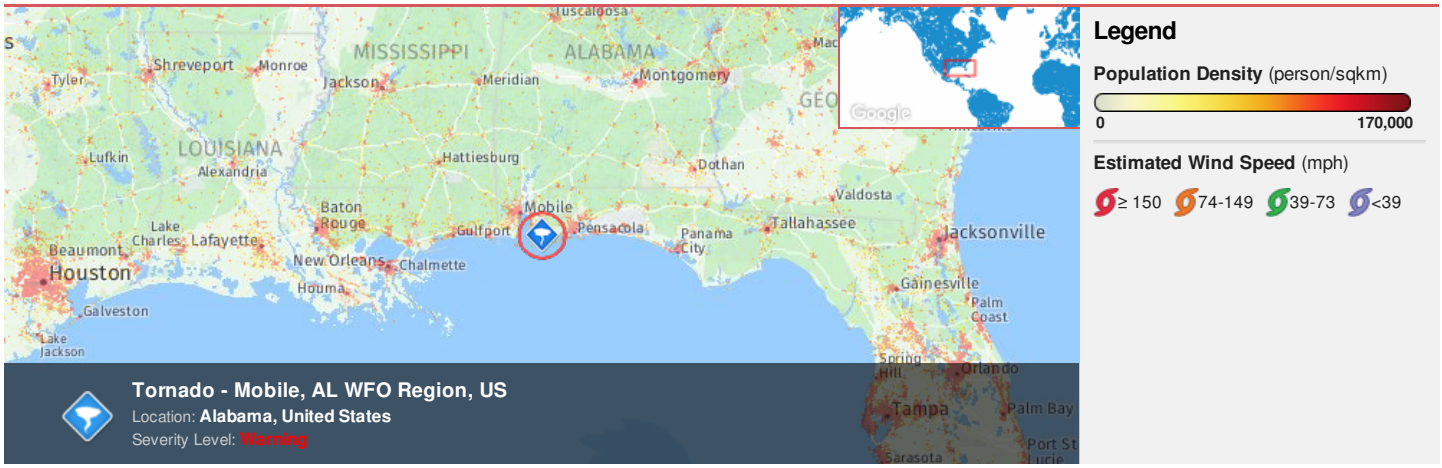
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	INDIANA/VINCENNES	ZULU	NAIROBI	BANGKOK
	11:40:30 22 Oct 2017	17:40:30 22 Oct 2017	17:40:30 22 Oct 2017	21:40:30 22 Oct 2017	00:40:30 23 Oct 2017	04:40:30 23 Oct 2017

Region Selected » Lower Left Latitude/Longitude: 27.373 N˚ , -90.7372 E˚
Upper Right Latitude/Longitude: 33.373000000000005 N˚ , -84.7372 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:

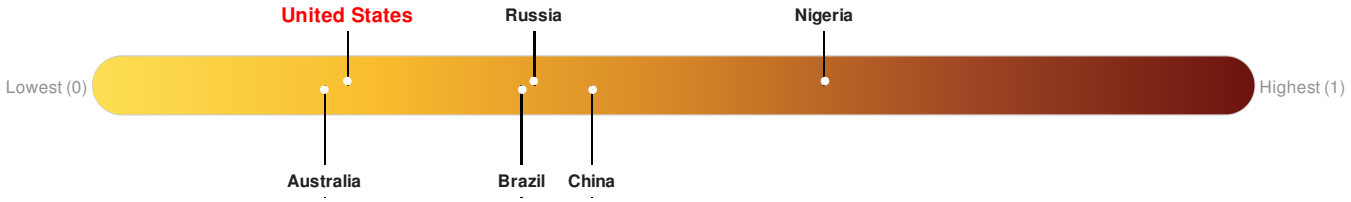
Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		22-Oct-2017 21:01:17	Tornado - Mobile, AL WFO Region, US	30.37° N / 87.74° 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

Regional Overview

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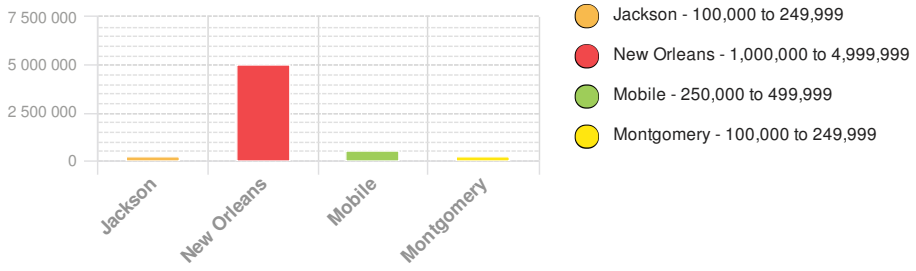
Population Data:

Populated Areas:

2011

Total: **6, 823, 671**
Max Density: **10, 616**(ppl/km^2)



Source: iSciences

Risk & Vulnerability

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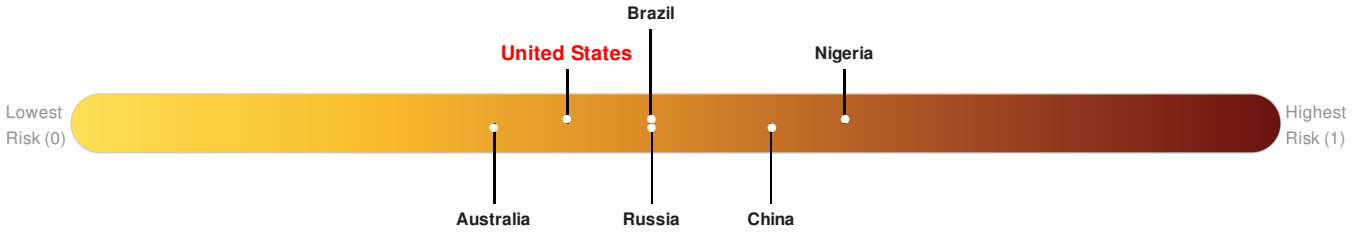
Multi Hazard Risk Index:

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

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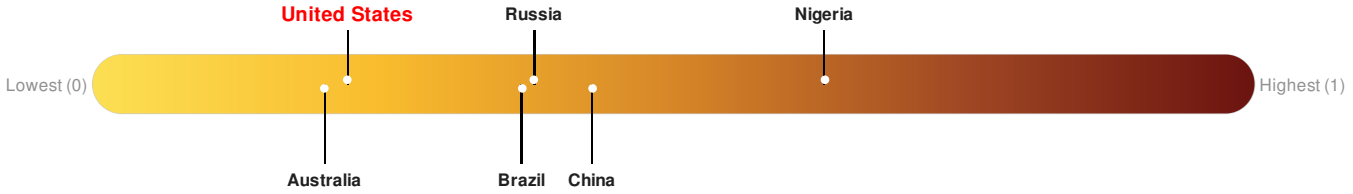

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Source: PDC

Historical Hazards

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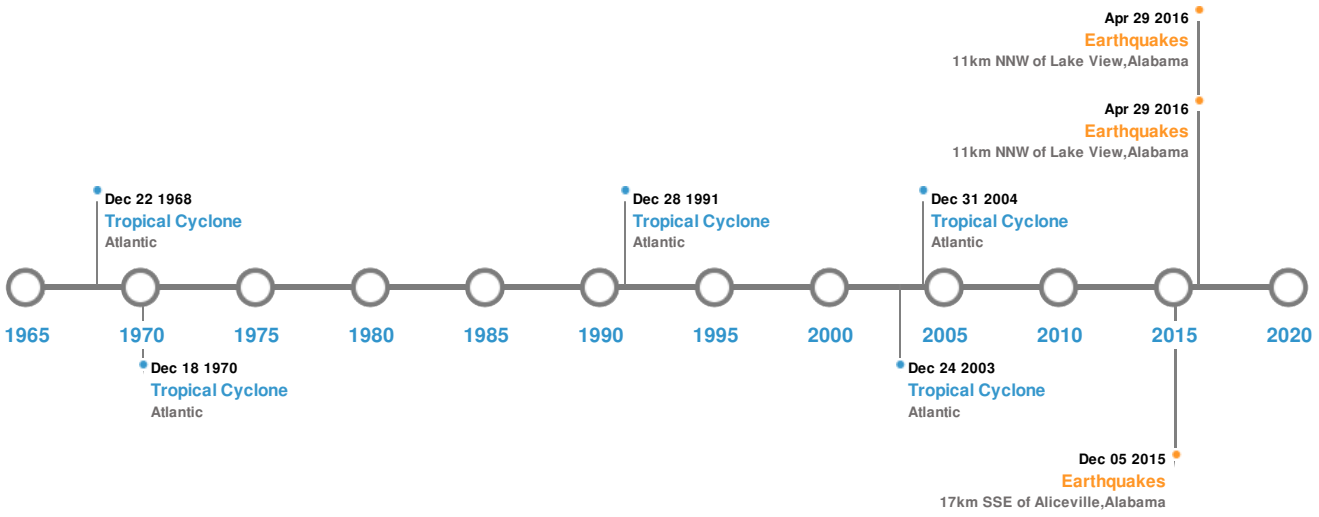
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	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
	05-Sep-2016 08:28:27	2.58	0.01	17km SSE of Aliceville, Alabama	32.98° N / 88.09° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	22-Sep-1909 00:00:00	USA	-	300	GRAND ISLE, LA	29.37° N / 89.98° W

Source: Tsunamis

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
	EDITH	06-Sep-1971 00:00:00 - 18-Sep-1971 06:00:00	161	No Data	Atlantic	22.23° N / 77.9° W

Source: Tropical Cyclones

Disclosures

* As defined by the source (Dartmouth Flood Observatory, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.