Pacific Disaster Center
Area Brief: General Executive Summary

| HONOLULU 11:25:01 21 Feb 2018 | MATAMOROS 15:25:01 21 Feb 2018 | WASH.D.C. 16:25:01 21 Feb 2018 | ZULU 21:25:01 21 Feb 2018 | NAIROBI 00:25:01 22 Feb 2018 | BANGKOK 04:25:01 22 Feb 2018 |

Region Selected » Lower Left Latitude/Longitude: 28.9326 N˚ , -95.561 E˚
Upper Right Latitude/Longitude: 34.9326 N˚ , -89.561 E˚

Legend

Population Density (person/sqkm)

0 — 170,000

Drought - Arkansas, United...
Location: **Arkansas, United States**
Severity Level: **Warning**

Tornado - Shreveport, LA...
Location: **Louisiana, 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 Drought

Event	Severity	Date (UTC)	Name	Lat/Long
		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
		21-Feb-2018 15:58:35	Tornado - Lake Charles, LA WFO Region, US	30.72° N / 92.87° W
		21-Feb-2018 15:53:50	Tornado - Jackson, MS WFO Region, US	31.98° N / 91.59° W
		21-Feb-2018 15:51:59	Tornado - Shreveport, LA WFO Region, US	31.93° N / 92.56° 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.

United States   **Russia**   **Nigeria**

Australia   Brazil China

Lowest (0)   Highest (1)

Source: PDC

Regional Overview

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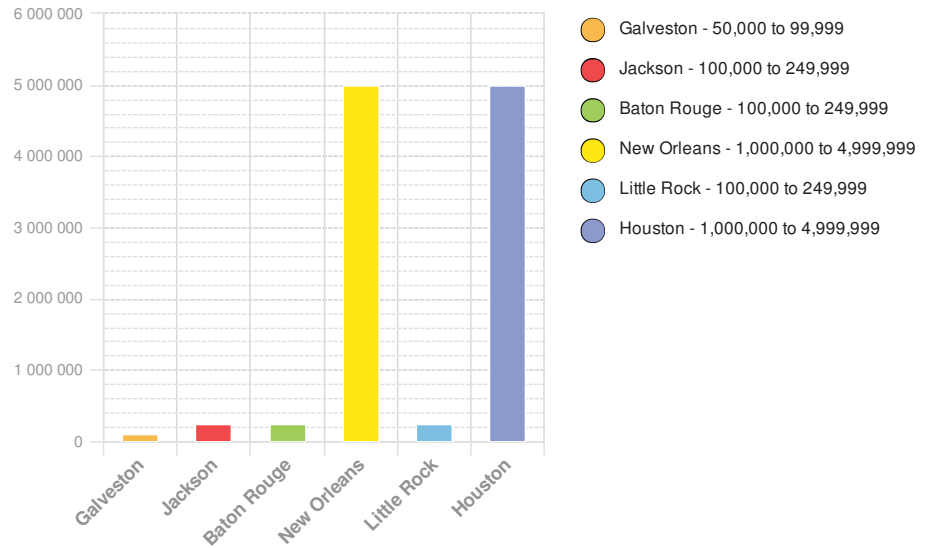
Population Data:

2011

Total: 12, 862, 984
Max Density: 37, 392(ppl/km^2)

Source: iSciences

Populated Areas:

- ● Galveston - 50,000 to 99,999
- ● Jackson - 100,000 to 249,999
- ● Baton Rouge - 100,000 to 249,999
- ● New Orleans - 1,000,000 to 4,999,999
- ● Little Rock - 100,000 to 249,999
- ● Houston - 1,000,000 to 4,999,999

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.
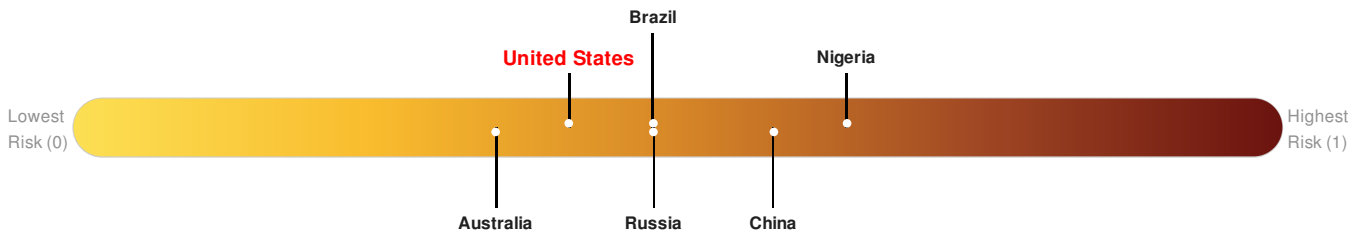
Brazil

United States   Nigeria

Lowest
Risk (0)

Australia   Russia   China

Highest
Risk (1)

Source: PDC

Lack of Resilience Index:

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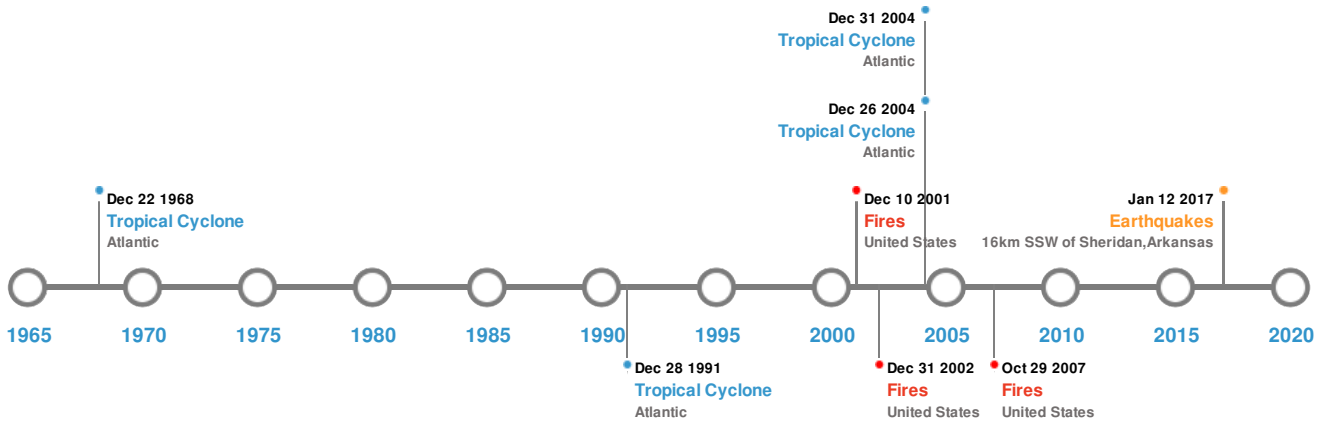
United States   Russia   Nigeria

Lowest (0)   Highest (1)

Australia   **Brazil** **China**

Historical Hazards

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Historical Hazards:

Dec 31 2004
Tropical Cyclone
Atlantic

Dec 26 2004
Tropical Cyclone
Atlantic

Dec 22 1968
Tropical Cyclone
Atlantic

Dec 10 2001
Fires
United States

Jan 12 2017
Earthquakes
16km SSW of Sheridan,Arkansas

1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020

Dec 28 1991
Tropical Cyclone
Atlantic

Dec 31 2002
Fires
United States

Oct 29 2007
Fires
United States

Earthquakes:

	5 Largest Earthquakes (Resulting in significant damage or deaths)				
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	12-Jan-2017 06:42:58	2.57	10.15	16km SSW of Sheridan, Arkansas	34.18° N / 92.49° W

Source: Earthquakes

Tsunami Runups:

	5 Largest Tsunami Runups					
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	02-May-1922 00:00:00	USA	0.64	-	GALVESTON, TX	29.3° N / 94.78° W
	28-Mar-1964 03:50:00	USA	-	-	FREEPORT, TX	28.95° N / 95.35° W
	24-Oct-1918 00:00:00	USA	-	-	GALVESTON, TX	29.3° N / 94.78° W
	22-Sep-1909 00:00:00	USA	-	300	GRAND ISLE, LA	29.37° N / 89.98° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	04-Mar-2002 00:00:00 - 08-Jan-2003 00:00:00	11.50	United States	29.63° N / 92.63° W
	08-Jul-2002 00:00:00 - 10-Sep-2002 00:00:00	11.20	United States	34.18° N / 93.32° W
	24-Oct-2007 00:00:00 - 29-Oct-2007 00:00:00	8.70	United States	29.64° N / 94.22° 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
	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N / 82° W
	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° 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

Source: Tropical Cyclones