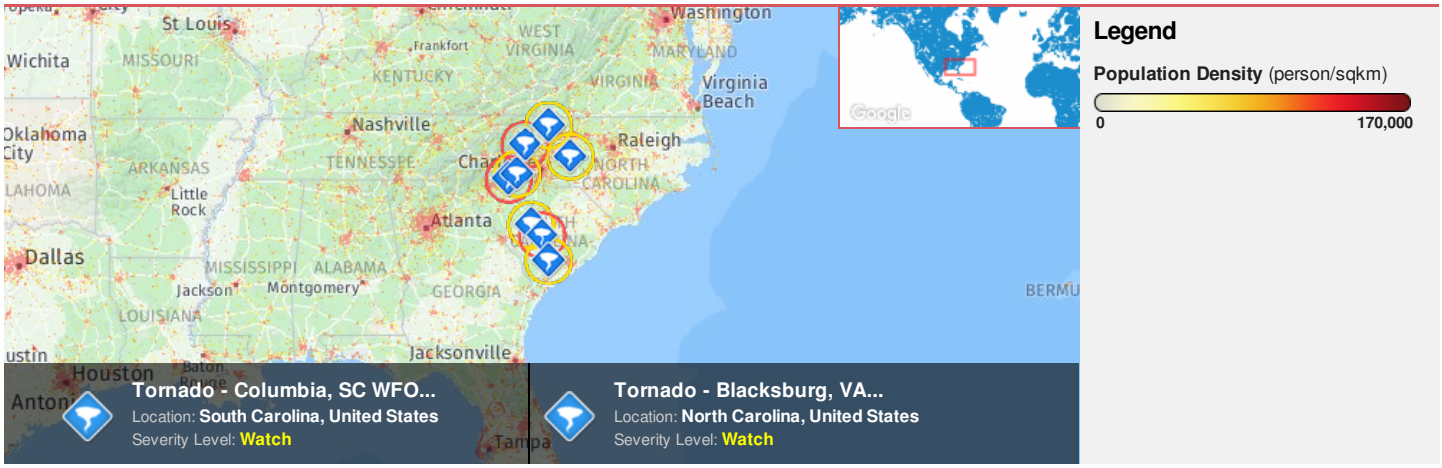
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 10:50:43 23 Oct 2017	WASH.D.C. 16:50:43 23 Oct 2017	KENTUCKY/MONTICELLO 16:50:43 23 Oct 2017	ZULU 20:50:43 23 Oct 2017	NAIROBI 23:50:43 23 Oct 2017	BANGKOK 03:50:43 24 Oct 2017

Region Selected » Lower Left Latitude/Longitude: 30.581000000000003 N˚ , -83.8447 E˚
Upper Right Latitude/Longitude: 36.581 N˚ , -77.8447 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:

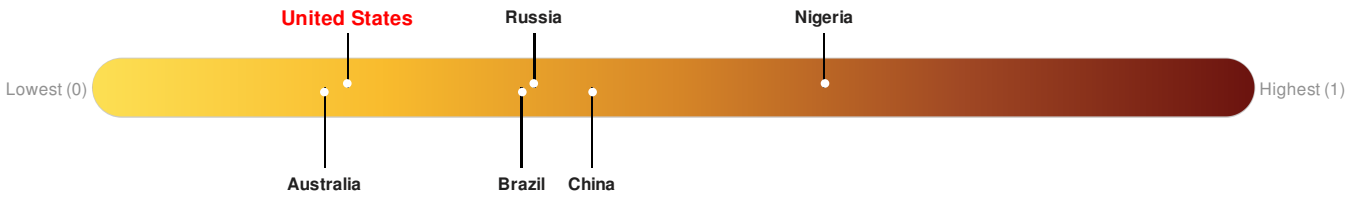
Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		23-Oct-2017 20:29:16	Tornado - Greer, SC WFO Region, US	35.81° N / 81.4° W
		23-Oct-2017 20:13:16	Tornado - Columbia, SC WFO Region, US	33.58° N / 80.84° W
		23-Oct-2017 18:57:19	Tornado - Greer, SC WFO Region, US	35° N / 81.86° W
		23-Oct-2017 18:15:34	Tornado - Greer, SC WFO Region, US	35.14° N / 81.6° W
		23-Oct-2017 18:09:24	Tornado - Raleigh, NC WFO Region, US	35.57° N / 79.98° W
		23-Oct-2017 18:05:24	Tornado - Charleston, SC WFO Region, US	32.93° N / 80.64° W
		23-Oct-2017 18:05:23	Tornado - Blacksburg, VA WFO Region, US	36.34° N / 80.64° W
		23-Oct-2017 18:03:19	Tornado - Columbia, SC WFO Region, US	33.85° N / 81.18° 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

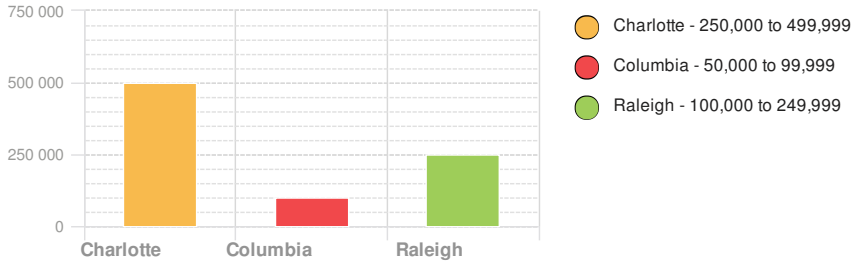
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Population Data:

2011

Total: 16, 248, 631
Max Density: 18, 775(ppl/km^2)

Populated Areas:



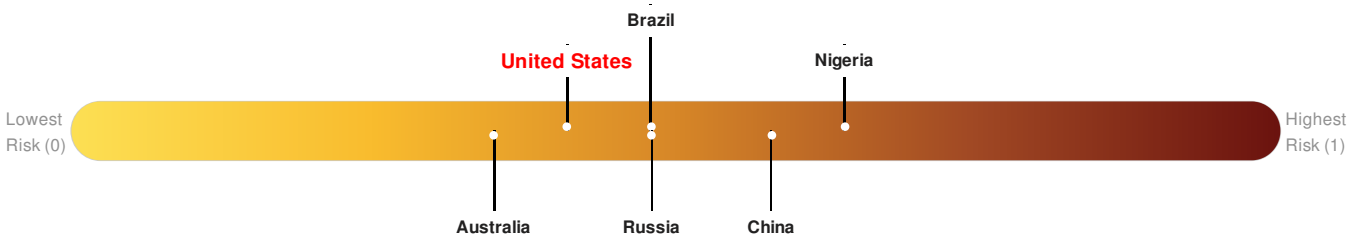
Source: iSciences

Risk & Vulnerability

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.

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

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.

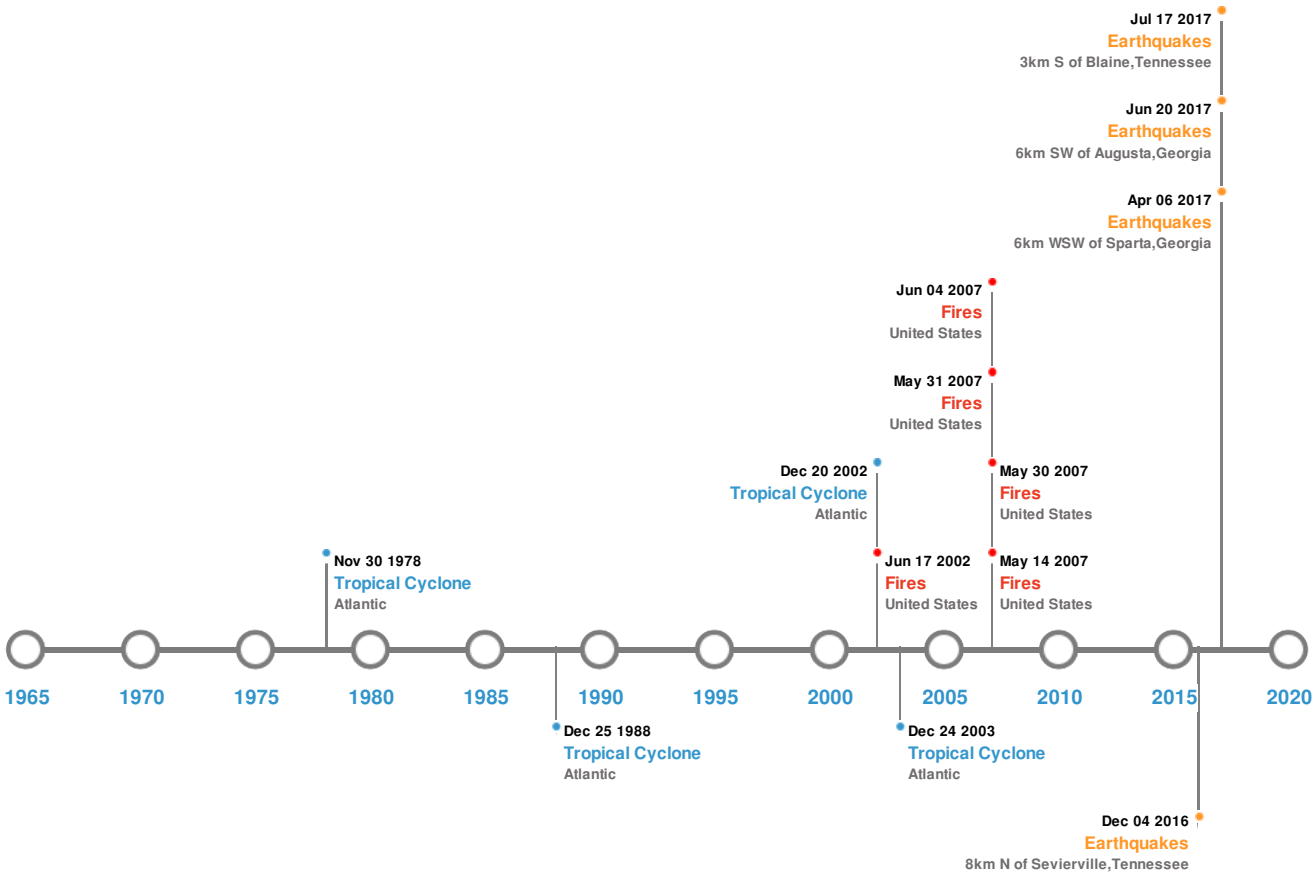
United States ranks **149** out of **165** .ack of Resilien de) ed on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

Historical Hazards

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.

Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	01-Sep-1886 00:02:00	7.70	-	SOUTH CAROLINA: CHARLESTON	32.9° N / 80° W
	20-Jun-2017 15:14:04	3.20	12.93	6km SW of Augusta, Georgia	33.43° N / 82.02° W
	17-Jul-2017 12:44:57	2.78	9.94	3km S of Blaine, Tennessee	36.13° N / 83.7° W
	06-Apr-2017 01:49:12	2.72	11.16	6km WSW of Sparta, Georgia	33.26° N / 83.04° W
	04-Aug-2017 00:40:14	2.70	10.33	8km N of Sevierville, Tennessee	35.95° N / 83.56° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	18-Nov-1929 02:20:00	USA	0.12	-	CHARLESTON, SC	32.75° N / 79.92° W
	01-Sep-1886 00:00:00	USA	-	-	COPPER RIVER, SC	32.87° N / 79.93° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	09-Feb-2007 00:00:00 - 31-May-2007 00:00:00	137.20	United States	30.59° N / 82.29° W
	30-Apr-2007 00:00:00 - 04-Jun-2007 00:00:00	65.90	United States	30.87° N / 82.34° W
	07-May-2007 00:00:00 - 14-May-2007 00:00:00	51.70	United States	30.6° N / 82.39° W
	17-Apr-2007 00:00:00 - 30-May-2007 00:00:00	46.00	United States	31.07° N / 82.36° W
	03-May-2002 00:00:00 - 17-Jun-2002 00:00:00	19.80	United States	30.72° N / 82.32° 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
	DAVID	25-Aug-1979 18:00:00 - 08-Sep-1979 00:00:00	173	924	Atlantic	31.61° N / 58.65° W
	ISABEL	06-Sep-2003 06:00:00 - 20-Sep-2003 00:00:00	167	915	Atlantic	30.24° N / 56.2° W
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° W
	HUGO	10-Sep-1989 18:00:00 - 25-Sep-1989 12:00:00	161	918	Atlantic	34.83° N / 50.9° W
	DONNA	30-Aug-1960 00:00:00 - 14-Sep-1960 00:00:00	161	No Data	Atlantic	32.63° N / 51.7° 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.