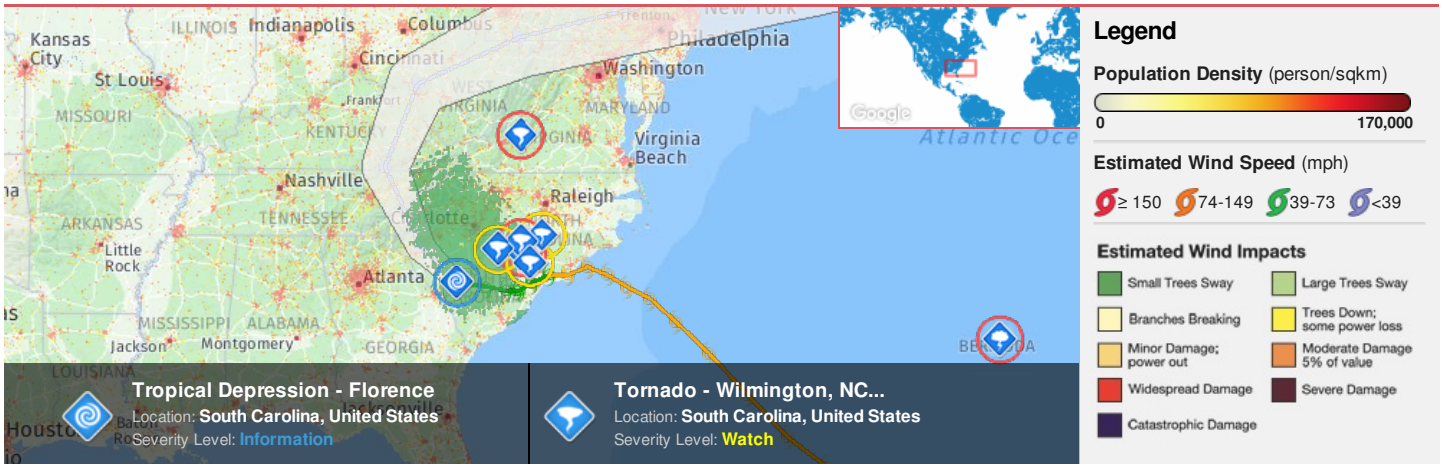
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	KENTUCKY/MONTICELLO	ZULU	NAIROBI	BANGKOK
	11:01:33 16 Sep 2018	17:01:33 16 Sep 2018	17:01:33 16 Sep 2018	21:01:33 16 Sep 2018	00:01:33 17 Sep 2018	04:01:33 17 Sep 2018

Region Selected » Lower Left Latitude/Longitude: 31.991300000000003 N˚ , -81.8005 E˚
Upper Right Latitude/Longitude: 37.9913 N˚ , -75.8005 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 Tropical Cyclones

Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
		Tropical Depression - Florence	35	46	W	8	68	Tropical Depression	999 mb	33.8° N / 81.4° W

Active Tornado

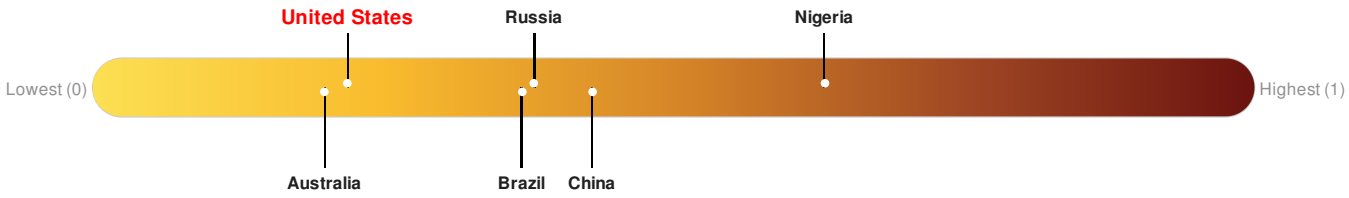
Event	Severity	Date (UTC)	Name	Lat/Long
		16-Sep-2018 20:29:22	Tornado - Blacksburg, VA WFO Region, US	37.46° N / 79.46° W
		16-Sep-2018 19:25:25	Tornado - Raleigh, NC WFO Region, US	34.82° N / 79.44° W
		16-Sep-2018 19:19:22	Tornado - Wilmington, NC WFO Region, US	34.56° N / 79.38° W
		16-Sep-2018 10:59:36	Tornado - Columbia, SC WFO Region, US	34.64° N / 80.16° W
		16-Sep-2018 10:59:34	Tornado - Raleigh, NC WFO Region, US	34.99° N / 78.8° W
		16-Sep-2018 10:59:33	Tornado - Wilmington, NC WFO Region, US	34.3° N / 79.17° 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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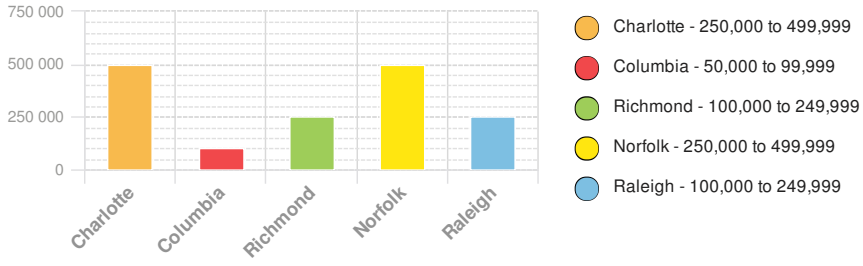
Population Data:

2011

Total: 16, 273, 646
Max Density: 18, 775(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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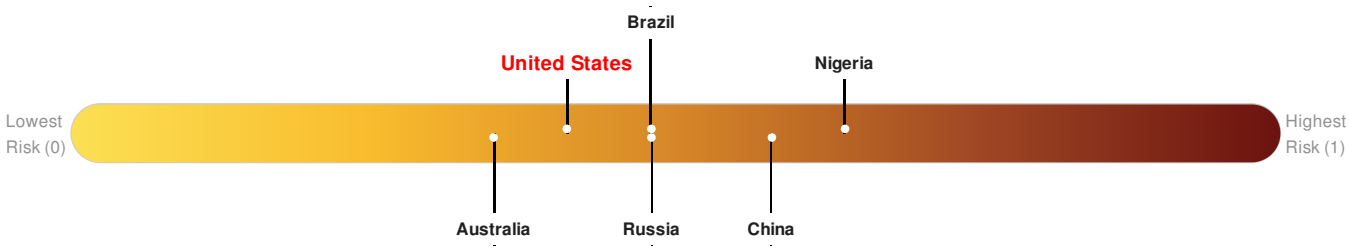
Multi Hazard Risk Index:

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:

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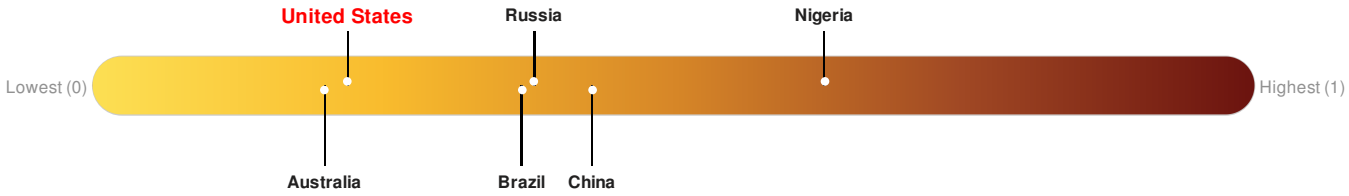

Source: PDC

Historical Hazards

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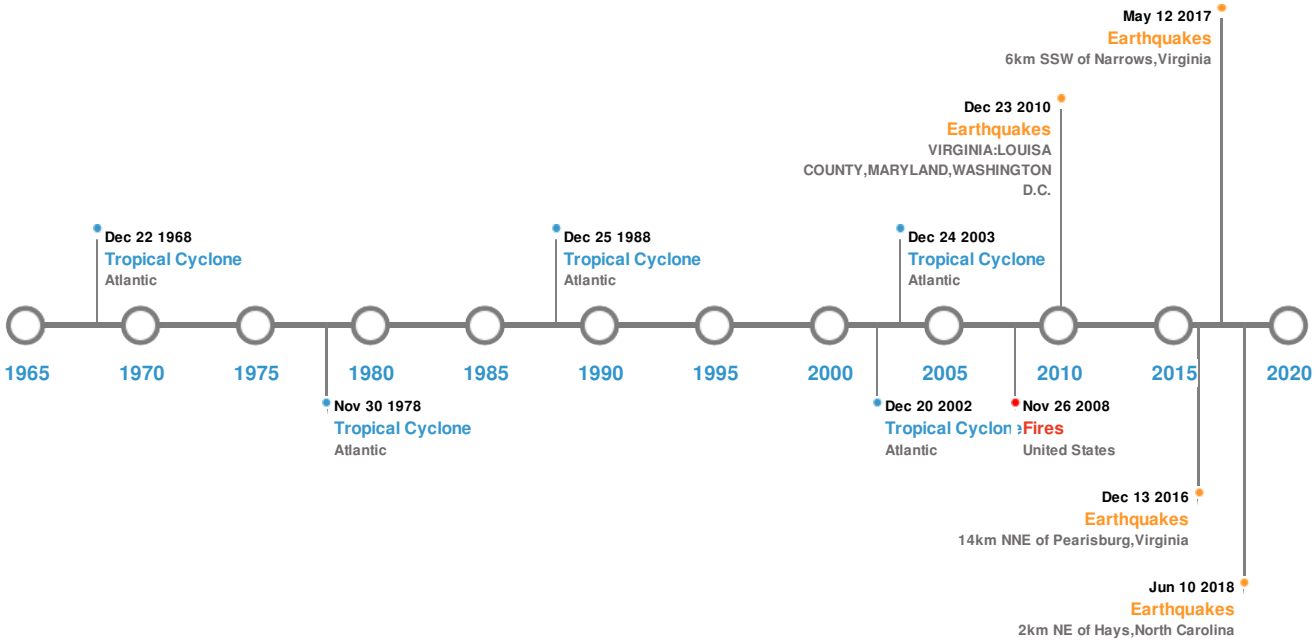
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	01-Sep-1886 00:02:00	7.70	-	SOUTH CAROLINA: CHARLESTON	32.9° N / 80° W
	23-Aug-2011 17:51:04	5.90	6	VIRGINIA: LOUISA COUNTY, MARYLAND, WASHINGTON D.C.	37.94° N / 77.93° W
	13-Sep-2017 17:33:10	3.20	17.77	14km NNE of Pearisburg, Virginia	37.47° N / 80.7° W
	12-May-2017 04:31:10	2.75	4.13	6km SSW of Narrows, Virginia	37.28° N / 80.84° W
	10-Jun-2018 23:56:36	2.68	2.1	2km NE of Hays, North Carolina	36.27° N / 81.1° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

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

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

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	03-Jun-2008 03:05:00 - 26-Nov-2008 18:25:00	19.20	United States	35.69° N / 76.38° 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
	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

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.

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