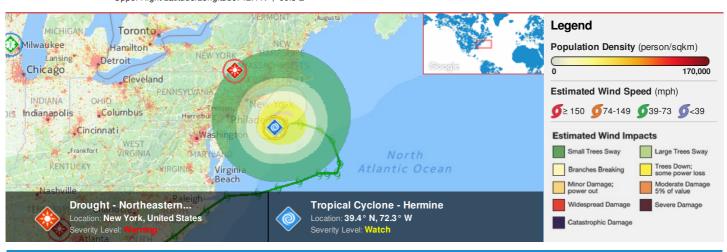


HONOLULU 07:53:29 06 Sep 2016 WASH.D.C. 13:53:29 06 Sep 2016 ZULU 17:53:29 06 Sep 2016 NAIROBI 20:53:29 06 Sep 2016 BANGKOK 00:53:29 07 Sep 2016 SYDNEY 03:53:29 07 Sep 2016

Region Selected » Lower Left Latitude/Longitude: 36.4 N°, -75.3 E° Upper Right Latitude/Longitude: 42.4 N°, -69.3 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:**

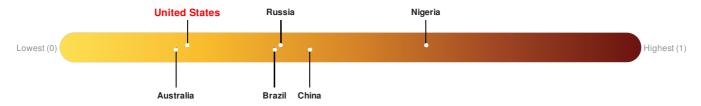
Active	Active Tropical Cyclones									
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
	!	Tropical Cyclone - Hermine	52	63	W	7	38	Tropical Storm	999 mb	39.4° N / 72.3° W

Active Drought						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	14-Jul-2016 19:04:24	Drought - Northeastern United States	42.03° N / 74.75° 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

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## **Population Data:**

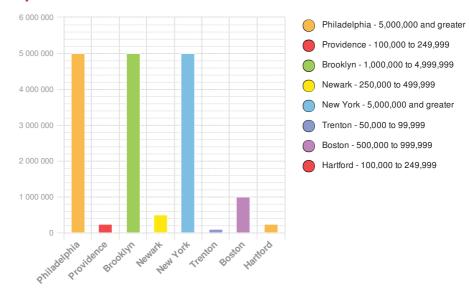
#### 2011

Total: 34, 029, 340

Max Density: 117, 879 (ppl/km<sup>2</sup>)

Source: iSciences

## **Populated Areas:**

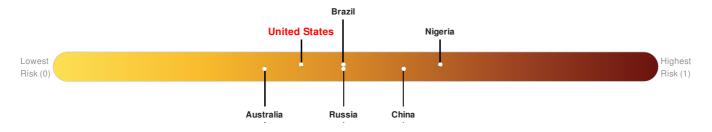


#### **Risk & Vulnerability**

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#### **Multi Hazard Risk Index:**

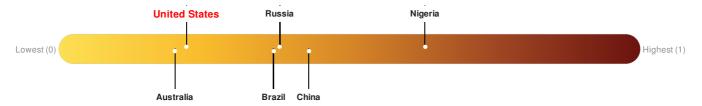
United States ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: PDC

## 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.



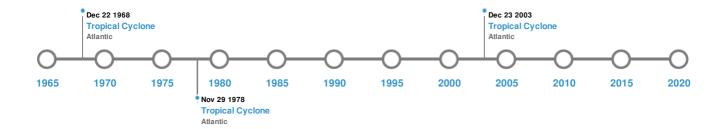
United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

## **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				
<b>*</b>	10-Aug-1884 00:19:00	5.50	-	NEW YORK: ROCKAWAY BEACH, NEAR NEW YORK CITY	40.6° N / 73.75° W				
<b>*</b>	11-Nov-1840 00:00:00	5.20	-	PENNSYLVANIA: PHILADELPHIA	39.8° N / 75.2° W				
<b>*</b>	01-Sep-1895 00:11:00	4.30	-	NEW JERSEY: HIGH BRIDGE	40.67° N / 74.88° W				
<b>*</b>	21-Dec-1884 00:00:00	0.00	-	CONNECTICUT: NEW HAVEN	41.31° N / 72.92° W				
<b>*</b>	18-Jun-1871 00:00:00	0.00	-	NEW YORK: LONG ISLAND	40.5° N / 73.9° W				

Source: Earthquakes

# Tsunami Runups:

5 Largest Tsunami Runups									
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long			
<b>\$</b>	10-Nov-1932 00:00:00	USA	5.4	-	WILLETTS POINT, NEW YORK	40.68° N / 73.28° W			
<b>\$</b>	08-Aug-1924 00:00:00	USA	4.6	-	CONEY ISLAND, NY	40.57° N / 73.98° W			
<b>\$</b>	19-Aug-1931 00:00:00	USA	3	3	ATLANTIC CITY, NJ	39.35° N / 74.42° W			

Event	Date (UTC)	Country	Country Runup (m)		Location	Lat/Long	
<b>\$</b>	21-Dec-1884 00:00:00	USA	2.4	-	NEW HAVEN HARBOR, CT	41.27° N / 72.92° W	
<b>\$</b>	10-Aug-1884 00:00:00	USA	1.8	-	GLOUCESTER CITY, NJ	39.88° N / 75.12° W	

Source: <u>Tsunamis</u>

# **Tropical Cyclones:**

5 Large	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		
	DOG	31-Aug-1950 00:00:00 - 17-Sep-1950 00:00:00	184	No Data	Atlantic	34.76° N / 40.7° W		
	DAVID	25-Aug-1979 18:00:00 - 08-Sep-1979 00:00:00	173	924	Atlantic	31.61° N / 58.65° W		
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° 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**

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