



**Region Selected** » Lower Left Latitude/Longitude: 38.3934 N° , -83.4275 E°  
 Upper Right Latitude/Longitude: 44.3934 N° , -77.4275 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:

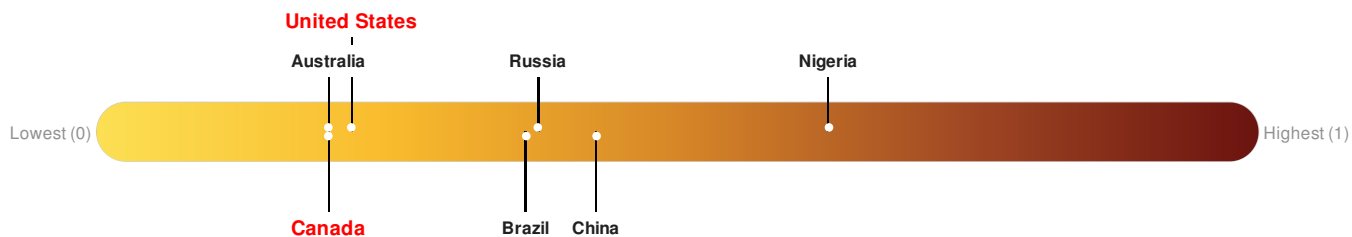
#### Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		17-Aug-2017 23:43:20	Tornado - Pittsburgh, PA WFO Region, US	41.39° N / 80.43° W
		17-Aug-2017 23:09:21	Tornado - Cleveland, OH WFO Region, US	41.34° N / 80.63° 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. **Canada** ranks **154** out of **165** on the Lack of Resilience index with a score of 0.2. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



**Canada** ranks **154** 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 Environmental Capacity, Population Pressures and Economic Constraints.

**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:

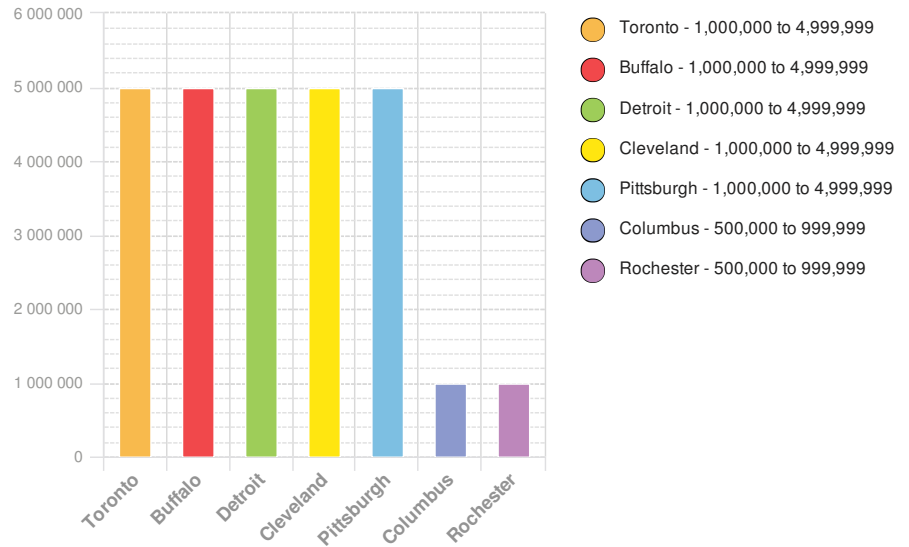
2011

Total: 30,579,396

Max Density: 37,151 (ppl/km<sup>2</sup>)

Source: [iSciences](#)

### Populated Areas:



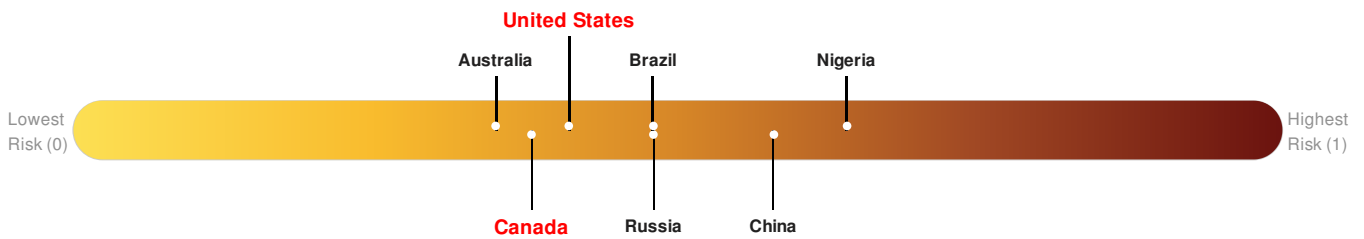
## Risk & Vulnerability

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:

**Canada** ranks **132** out of **165** on the Multi-Hazard Risk Index with a score of 0.38. Canada is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.

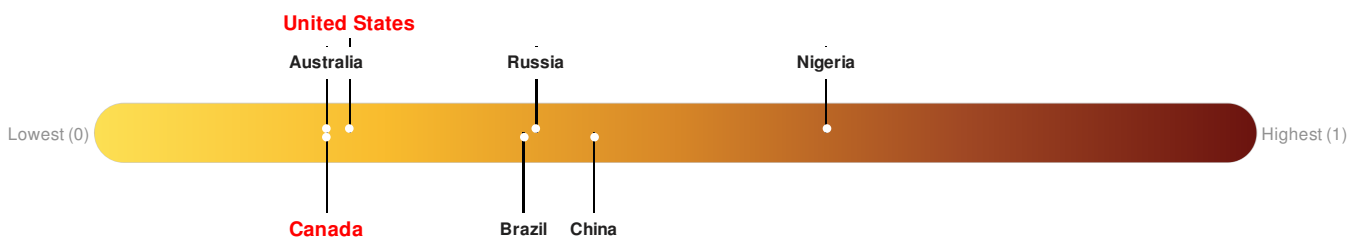
**United States** ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



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. **Canada** ranks **154** out of **165** on the Lack of Resilience index with a score of 0.2. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



**Canada** ranks **154** 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 Environmental Capacity, Population Pressures and Economic Constraints.

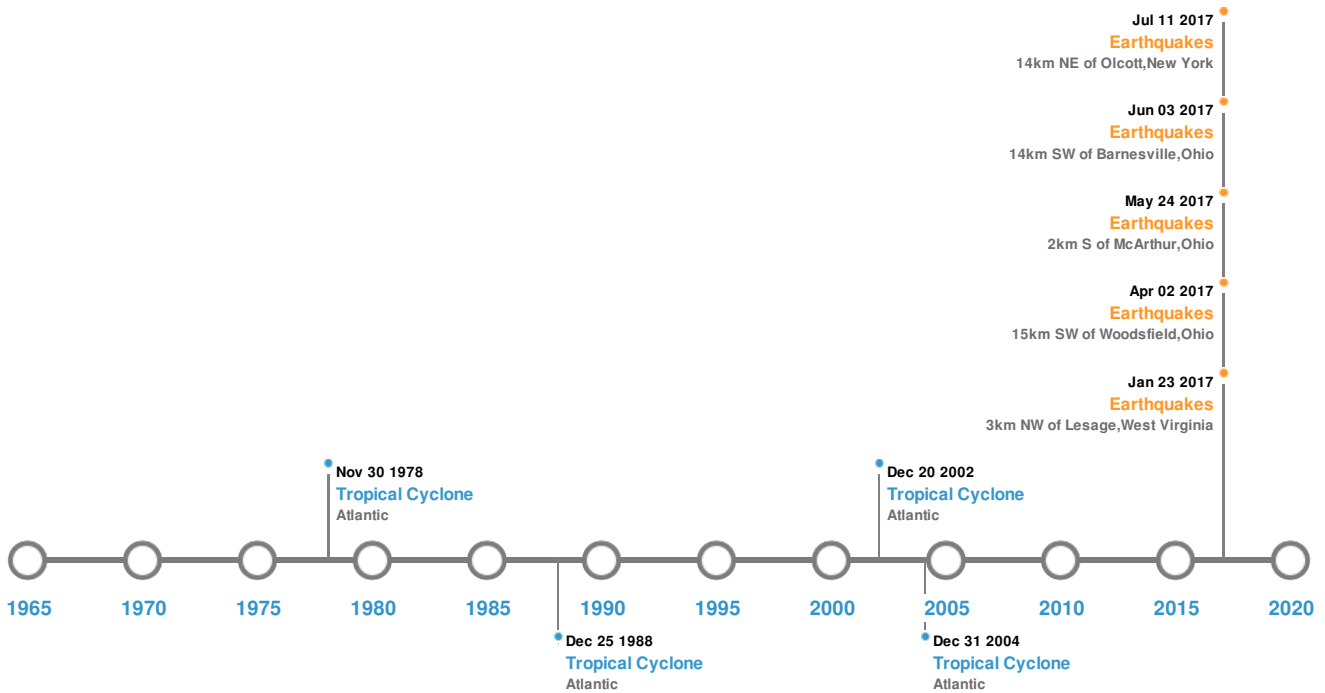
**United States** ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

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
	03-Jun-2017 03:08:40	3.40	5	14km SW of Barnesville, Ohio	39.91° N / 81.31° W
	24-May-2017 16:24:04	3.40	6.76	2km S of McArthur, Ohio	39.23° N / 82.48° W
	02-Apr-2017 11:58:12	3.00	5.58	15km SW of Woodsfield, Ohio	39.66° N / 81.24° W
	11-Jul-2017 06:27:46	2.52	5	14km NE of Olcott, New York	43.43° N / 78.59° W
	23-Jan-2017 06:30:23	2.45	25.72	3km NW of Lesage, West Virginia	38.53° N / 82.33° W

Source: [Earthquakes](#)

### Tsunami Runups:

#### 5 Largest Tsunami Runups






Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	30-May-1823 00:00:00	USA	2.74	-	LAKE ERIE (GREAT LAKES)	42.7° N / 79° W
	04-Oct-1755 00:00:00	USA	1.52	-	LAKE ONTARIO, NY	43.5° N / 78° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	06-May-1952 00:00:00	USA	1.5	-	LEXINGTON, MI	43.27° N / 82.52° W
	06-May-1952 00:00:00	USA	0.3	-	PORT HURON, MI	42.97° N / 82.42° W
	06-May-1952 00:00:00	USA	-	-	HARBOR BEACH, MI	43.83° N / 82.65° 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
	DAVID	25-Aug-1979 18:00:00 - 08-Sep-1979 00:00:00	173	924	Atlantic	31.61° N / 58.65° W
	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° W
	ISABEL	06-Sep-2003 06:00:00 - 20-Sep-2003 00:00:00	167	915	Atlantic	30.24° N / 56.2° W
	HUGO	10-Sep-1989 18:00:00 - 25-Sep-1989 12:00:00	161	918	Atlantic	34.83° N / 50.9° W
	BETSY	27-Aug-1965 06:00:00 - 13-Sep-1965 00:00:00	155	No Data	Atlantic	24.48° N / 71.25° 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.