<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	HAVANA	ZULU	NAIROBI	BANGKOK
	Area Brief: General	<b>17:03:51</b>	<b>22:03:51</b>	<b>22:03:51</b>	03:03:51	06:03:51	<b>10:03:51</b>
	Executive Summary	22 Jan 2017	22 Jan 2017	22 Jan 2017	23 Jan 2017	23 Jan 2017	23 Jan 2017

Region Selected » Lower Left Latitude/Longitude: 23.7309 N°, -84.8578 E' Upper Right Latitude/Longitude: 29.7309 N°, -78.8578 E'



#### **Situational Awareness**

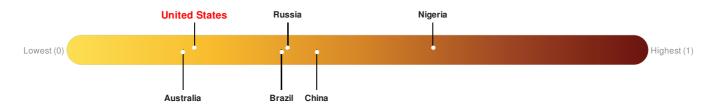
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Active Tornado						
Event	Severity	Date (UTC)	Name	Lat/Long		
$\bigcirc$	1	23-Jan-2017 03:02:33	Tornado - Melbourne, FL WFO Region, US	27.39° N / 80.62° W		
	1	23-Jan-2017 03:02:30	Tornado - Tampa Bay Area, FL WFO Region, US	26.73° N / 81.86° W		
	!	23-Jan-2017 02:59:39	Tornado - Miami, FL WFO Region, US	26.18° N / 80.85° W		
	0	23-Jan-2017 02:31:36	Tornado - Melbourne, FL WFO Region, US	28.41° N / 80.67° W		
	!	22-Jan-2017 21:45:49	Tornado - Tampa Bay Area, FL WFO Region, US	27.62° N / 81.88° W		
Source: <u>PDC</u>						

## 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. There was insufficient data to determine the Lack of Resilience Index score for **The Bahamas**. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



#### There was insufficient data to determine the Lack of Resilience Index score for The Bahamas.

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.

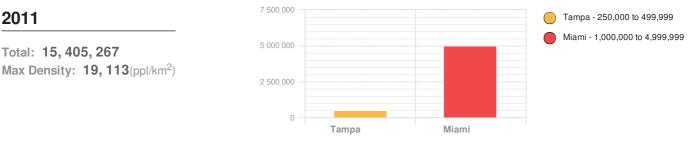
Source: <u>PDC</u>

#### **Regional Overview**

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#### **Population Data:**

#### **Populated Areas:**



#### Source: <u>iSciences</u>

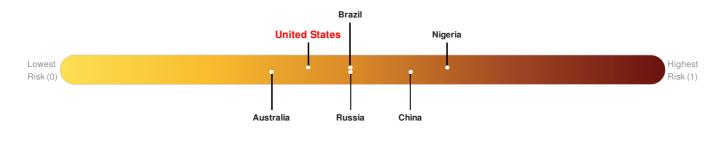
**Risk & Vulnerability** 

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

There was insufficient data to determine the Multi Hazard Risk Index score for The Bahamas.

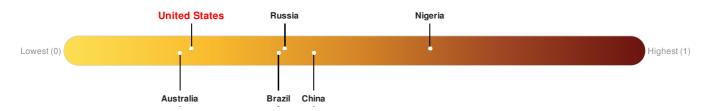
United States ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



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. There was insufficient data to determine the Lack of Resilience Index score for **The Bahamas**. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



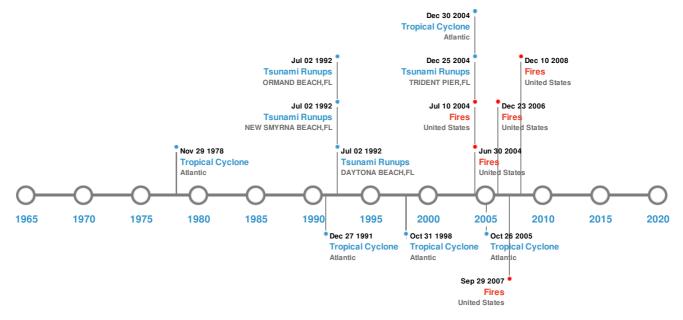
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Source: <u>PDC</u>

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#### **Historical Hazards:**



#### Earthquakes:

Event Date (UTC) Magnitude Depth (Km) Location Lat	
	Long
01-Oct-1810 00:00:00 0.00 - CUBA: HAVANA,SANTIAGO DE CUBA 23.8° N	/ 82.2° W

Source: Earthquakes

## **Tsunami Runups:**

5 Larges	5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
	03-Jul-1992 00:00:00	USA	6		DAYTONA BEACH, FL	29.21° N / 81.02° W	
$\diamond$	03-Jul-1992 00:00:00	USA	1.2	-	NEW SMYRNA BEACH, FL	29.02° N / 80.92° W	
	03-Jul-1992 00:00:00	USA	1.2	-	ORMAND BEACH, FL	29.29° N / 81.07° W	
	26-Dec-2004 09:11:00	USA	0.17	-	TRIDENT PIER, FL	28.41° N / 80.59° W	
$\diamond$	08-Aug-1946 17:30:00	USA	-	-	DAYTONA BEACH, FL	29.21° N / 81.02° W	

Source: Tsunamis

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
<b></b>	18-Aug-2007 00:00:00 - 09-Oct-2007 00:00:00	15.20	United States	25.89° N / 80.55° W		
<b>(</b>	18-Aug-2007 00:00:00 - 24-Aug-2007 00:00:00	12.30	United States	25.89° N / 80.54° W		
<b></b>	08-Jul-2004 00:00:00 - 11-Jul-2004 00:00:00	12.20	United States	25.85° N / 80.52° W		
<b></b>	23-Mar-2004 00:00:00 - 01-Jul-2004 00:00:00	10.40	United States	26.24° N / 80.59° W		
<b>(</b>	10-Jan-2008 16:05:00 - 10-Dec-2008 18:35:00	9.70	United States	26.7° N/80.63° W		
ource: <u>Wildfires</u>						

# **Tropical Cyclones:**

#### **5 Largest Tropical Cyclones** Max Wind Speed Min Pressure Event Start/End Date(UTC) Location Name Lat/Long (mph) (mb) 16-Oct-2005 00:00:00 - 26-Oct-2005 0 WILMA 184 882 Atlantic 30.13° N/69.55° W 18:00:00 Ø 22-Oct-1998 06:00:00 - 09-Nov-1998 MITCH 37.16° N/49.35° W 178 905 Atlantic 18:00:00 Ø 25-Aug-1979 18:00:00 - 08-Sep-1979 DAVID 173 924 Atlantic 31.61° N / 58.65° W 00:00:00 24-Aug-2005 00:00:00 - 31-Aug-2005 KATRINA 173 902 Atlantic 31.11° N/82.35° W 06:00:00 17-Aug-1992 00:00:00 - 28-Aug-1992 ANDREW 173 922 Atlantic 22.63° N/63.6° W 06:00:00

Source: Tropical Cyclones

**Disclosures** 

\* 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.

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