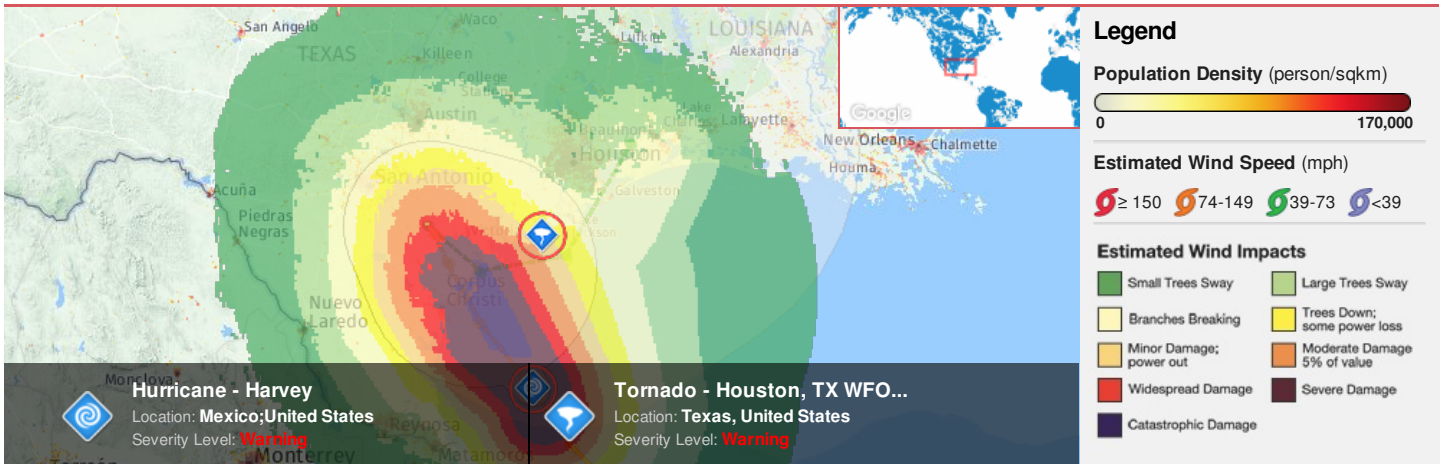
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 06:39:55 25 Aug 2017	MATAMOROS 11:39:55 25 Aug 2017	WASH.D.C. 12:39:55 25 Aug 2017	ZULU 16:39:55 25 Aug 2017	NAIROBI 19:39:55 25 Aug 2017	BANGKOK 23:39:55 25 Aug 2017

Region Selected » Lower Left Latitude/Longitude: 25.7748 N˚ , -98.8613 E˚
Upper Right Latitude/Longitude: 31.7748 N˚ , -92.8613 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
		Hurricane - Harvey	109	132	NW	10	21	Hurricane/Typhoon > 74 mph	947 mb	26.7° N / 96° W

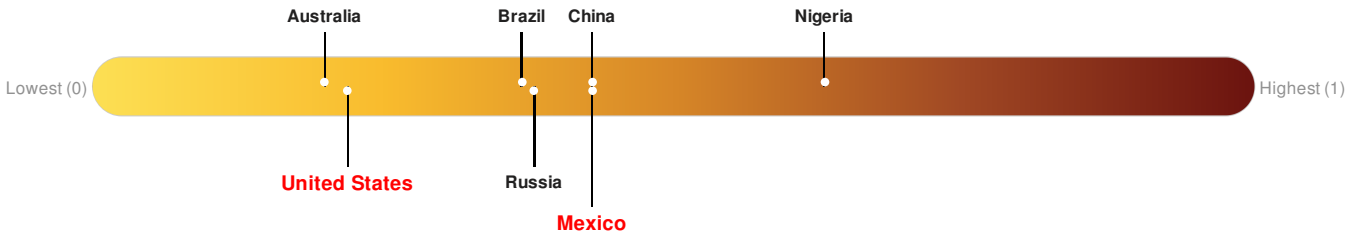
Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		25-Aug-2017 15:47:16	Tornado - Houston, TX WFO Region, US	28.77° N / 95.86° 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. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Mexico ranks **82** 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 Governance, Marginalization and Infrastructure.

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

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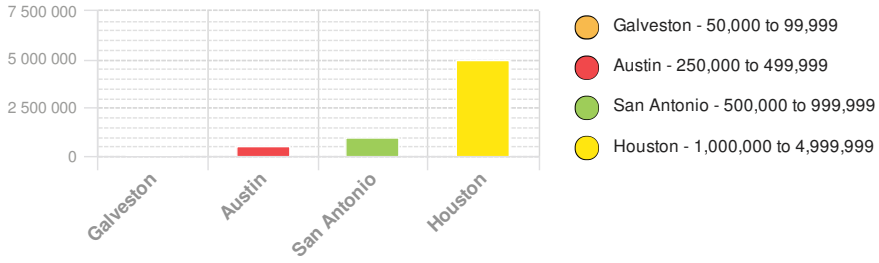
Population Data:

2011

Total: 14, 447, 608
Max Density: 37, 392(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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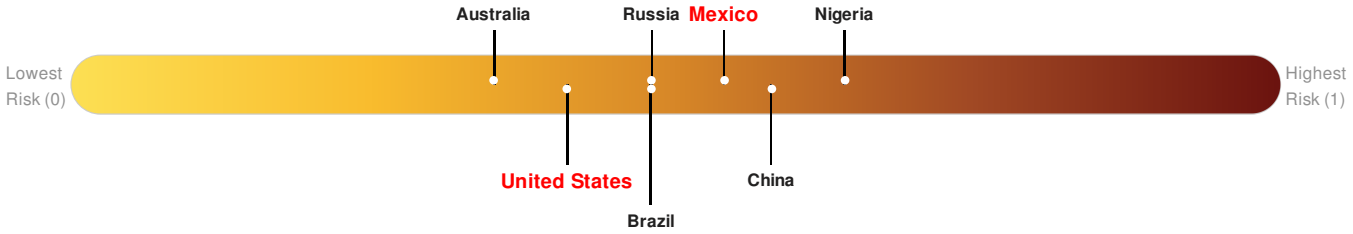
Multi Hazard Risk Index:

Mexico ranks **53** out of **165** on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, medium vulnerability, and medium 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

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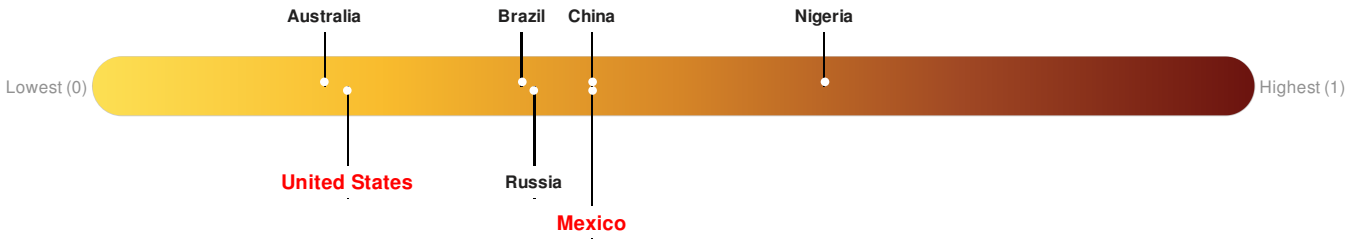

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Source: PDC

Historical Hazards

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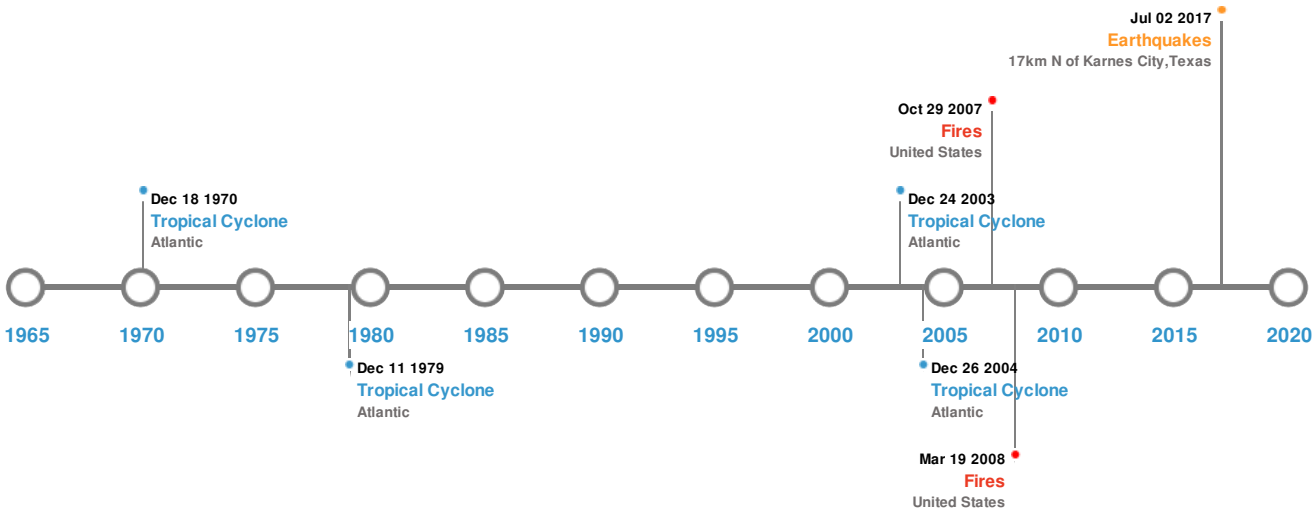
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	02-Jul-2017 09:00:46	3.00	5.41	17km N of Karnes City, Texas	29.04° N / 97.89° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	02-May-1922 00:00:00	USA	0.64	-	GALVESTON, TX	29.3° N / 94.78° W
	28-Mar-1964 03:50:00	USA	-	-	FREEPORT, TX	28.95° N / 95.35° W
	24-Oct-1918 00:00:00	USA	-	-	GALVESTON, TX	29.3° N / 94.78° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	19-Mar-2008 04:15:00 - 19-Mar-2008 08:35:00	18.60	United States	26.66° N / 98.18° W
	24-Oct-2007 00:00:00 - 29-Oct-2007 00:00:00	8.70	United States	29.64° N / 94.22° 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
	ALLEN	31-Jul-1980 18:00:00 - 11-Aug-1980 18:00:00	190	No Data	Atlantic	19.33° N / 66.45° W
	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N / 82° W
	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° W
	EDITH	06-Sep-1971 00:00:00 - 18-Sep-1971 06:00:00	161	No Data	Atlantic	22.23° N / 77.9° 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.