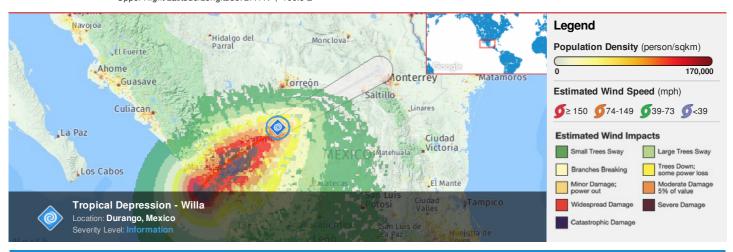


HONOLULU 22:32:58 23 Oct 2018 MAZATLAN 02:32:58 24 Oct 2018 WASH.D.C. 04:32:58 24 Oct 2018 ZULU 08:32:58 24 Oct 2018 NAIROBI 11:32:58 24 Oct 2018 BANGKOK 15:32:58 24 Oct 2018

Region Selected » Lower Left Latitude/Longitude: 21.4 N°, -106.6 E° Upper Right Latitude/Longitude: 27.4 N°, -100.6 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:**

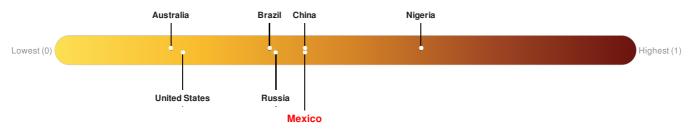
Active	Active Tropical Cyclones									
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
	•	WILLA	35	46	NE	25	17	Tropical Depression	1000 mb	24.4° N / 103.6° W

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.

Mexico ranks 82 out of 164 countries assessed for Lack of Resilience. Mexico is less resilient than 50% of countries assessed. This indicates that Mexico has medium 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:**

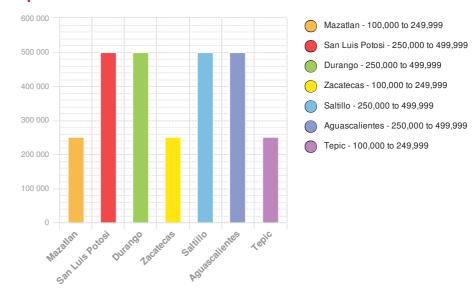
#### 2011

Total: 9, 567, 254

Max Density: 31, 284(ppl/km<sup>2</sup>)

Source: iSciences

## **Populated Areas:**



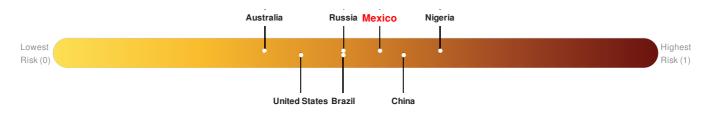
#### **Risk & Vulnerability**

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:

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

Mexico ranks 32 out of 164 countries assessed for Multi Hazard Risk. Mexico has a Multi Hazard Risk higher than 68% of countries assessed. This indicates that Mexico has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

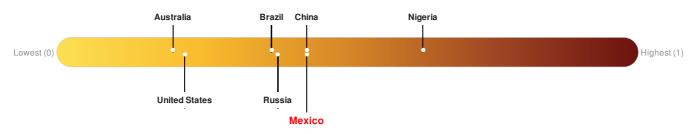


Source: PDC

#### 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.

Mexico ranks 82 out of 164 countries assessed for Lack of Resilience. Mexico is less resilient than 50% of countries assessed. This indicates that Mexico has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

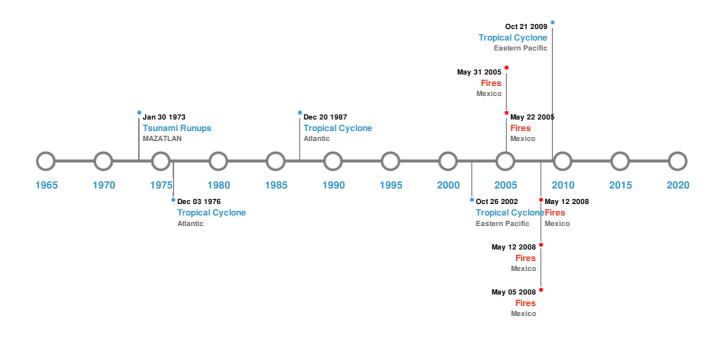


Source: PDC

#### **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>	04-Dec-1948 00:00:00	6.90	-	MEXICO: MARIA MADRE ISLAND	22° N / 106° W				
<b>*</b>	30-Jul-1891 00:00:00	0.00	-	N. MEXICO	25.5° N / 103.5° W				
<b>*</b>	02-Jan-1854 00:00:00	0.00	-	MEXICO: DURANGO	24° N / 104.4° W				
<b>*</b>	15-Nov-1731 00:00:00	0.00	-	MEXICO	23° N / 102° W				
<b></b>	06-May-1622 00:00:00	0.00		MEXICO: ZACATECAS	23° N / 103° W				

Source: Earthquakes

# Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
<b>\$</b>	04-Dec-1948 00:00:00	MEXICO	5	-	ISLAS TRES MARIAS	21.42° N / 106.47° W		
	22-May-1960 06:57:00	MEXICO	0.61	-	MAZATLAN	23.18° N / 106.42° W		

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	28-Mar-1964 12:00:00	MEXICO	0.2	-	MAZATLAN	23.18° N / 106.42° W
<b>\$</b>	09-Mar-1957 00:00:00	MEXICO	0.2	-	MAZATLAN	23.18° N / 106.42° W
<b>\$</b>	30-Jan-1973 00:00:00	MEXICO	0.12	-	MAZATLAN	23.18° N / 106.42° W

Source: <u>Tsunamis</u>

## Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
<b></b>	05-May-2005 00:00:00 - 08-Jun-2005 00:00:00	25.40	Mexico	21.66° N / 104.22° W			
<b></b>	29-Apr-2005 00:00:00 - 22-May-2005 00:00:00	22.50	Mexico	21.64° N / 104.23° W			
<b></b>	19-Apr-2008 05:10:00 - 12-May-2008 05:20:00	14.50	Mexico	23.17° N / 104.06° W			
<b></b>	09-Apr-2008 08:55:00 - 05-May-2008 20:30:00	11.10	Mexico	23.63° N / 104.57° W			
<b>*</b>	21-Apr-2008 20:15:00 - 12-May-2008 05:20:00	8.60	Mexico	24.62° N / 105.08° W			

Source: Wildfires

# **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long			
	GILBERT	09-Sep-1988 00:00:00 - 20-Sep-1988 00:00:00	184	888	Atlantic	27.24° N / 78.85° W			
	RICK	16-Oct-2009 03:00:00 - 21-Oct-2009 21:00:00	178	906	Eastern Pacific	17.82° N / 104.4° W			
	ANITA	29-Aug-1977 18:00:00 - 03-Sep-1977 06:00:00	173	926	Atlantic	24.01° N / 95.7° W			
	KENNA	22-Oct-2002 06:00:00 - 26-Oct-2002 03:00:00	167	No Data	Eastern Pacific	17.53° N / 104.4° W			
	1959-10- 23	23-Oct-1959 12:00:00 - 29-Oct-1959 12:00:00	161	No Data	Eastern Pacific	17.87° N / 101.7° 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.

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