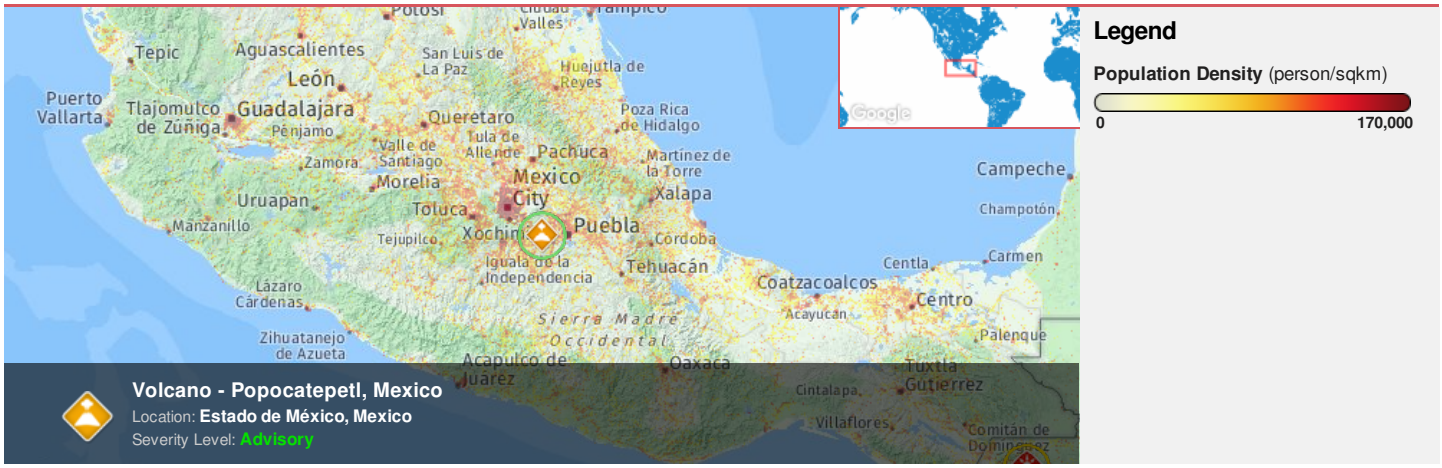
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 01:55:40 20 Nov 2018	MEXICO CITY 05:55:40 20 Nov 2018	WASH.D.C. 06:55:40 20 Nov 2018	ZULU 11:55:40 20 Nov 2018	NAIROBI 14:55:40 20 Nov 2018	BANGKOK 18:55:40 20 Nov 2018

Region Selected » Lower Left Latitude/Longitude: 16.023 N˚ , -101.622 E˚
Upper Right Latitude/Longitude: 22.023 N˚ , -95.622 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 Volcanoes

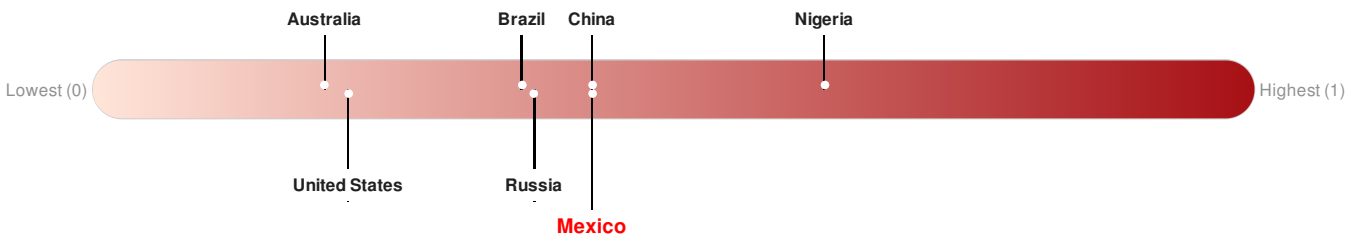
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		07-Nov-2018 01:07:02	Volcano - Popocatepetl, Mexico	-	-	-	-	19.02° N / 98.62° W

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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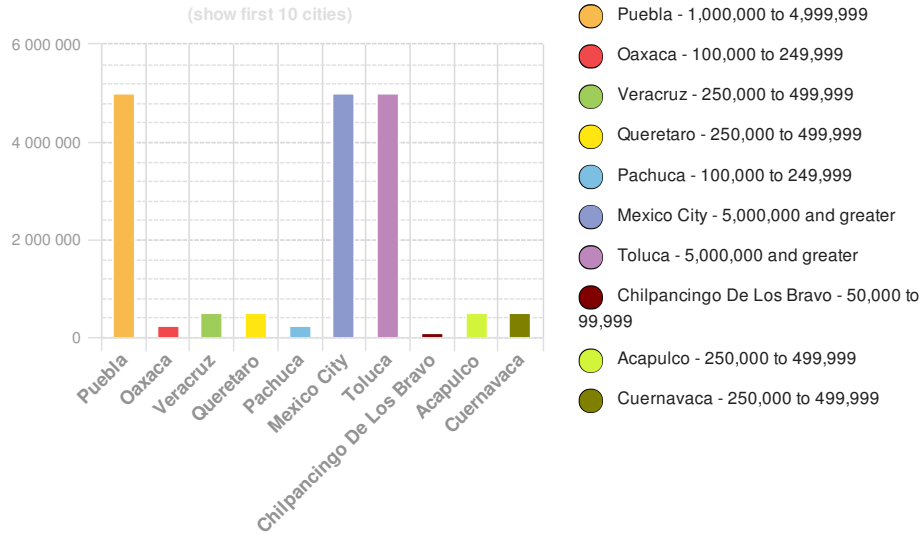
Population Data:

2011

Total: 55, 573, 064
Max Density: 67, 084(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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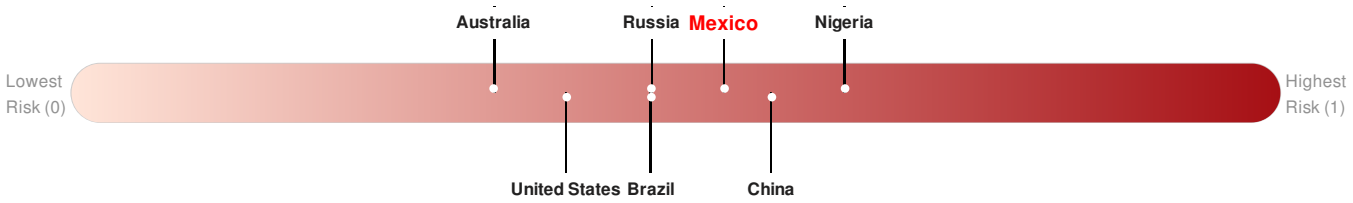
Multi Hazard Risk Index:

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

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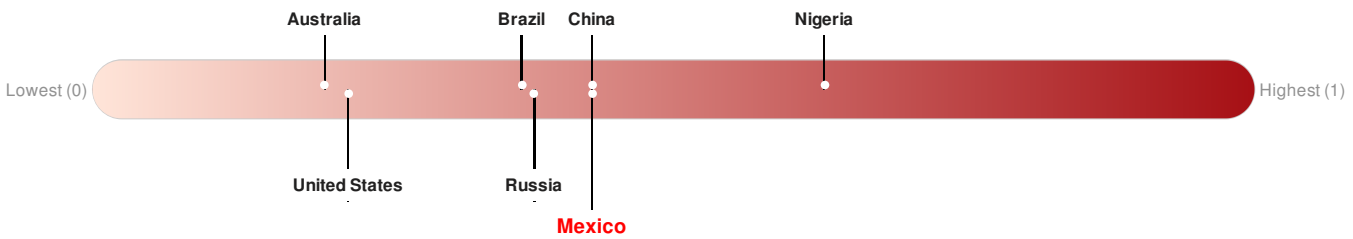

Source: PDC

Historical Hazards

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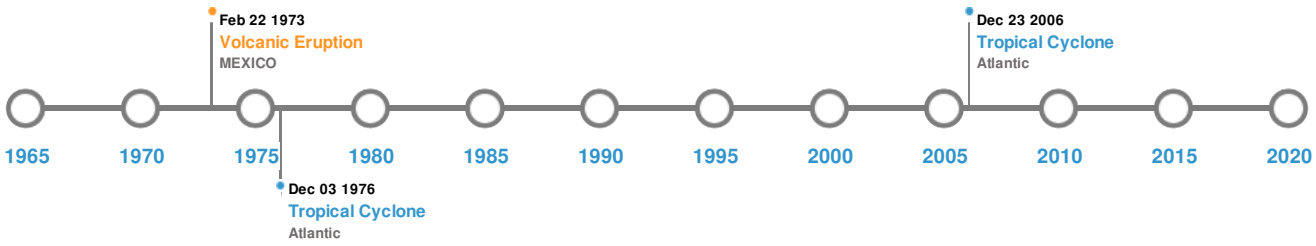
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	24-Jan-1899 00:23:00	8.40	60	MEXICO: GUERRERO-OAXACA	17° N / 98° W
	15-Apr-1907 00:06:00	8.30	60	MEXICO: GUERRERO	17° N / 100° W
	28-Mar-1787 00:17:00	8.30	-	MEXICO: SAN MARCOS, OAXACA	16.5° N / 98.5° W
	26-Mar-1908 00:23:00	8.10	80	MEXICO: GUERRERO	18° N / 99° W
	28-Jul-1957 00:08:00	7.90	25	MEXICO: ACAPULCO,MEXICO CITY	16.5° N / 99.1° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	POPOCATEPETL	22-Feb-1973 00:00:00	3.00	MEXICO	19.02° N / 98.62° W
	POPOCATEPETL	01-Jan-1720 00:00:00	3.00	MEXICO	19.02° N / 98.62° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ORIZABA, PICO DE	01-Jan-1687 00:00:00	3.00	MEXICO	19.03° N / 97.27° W
	ORIZABA, PICO DE	01-Jan-1630 00:00:00	3.00	MEXICO	19.03° N / 97.27° W
	ORIZABA, PICO DE	01-Jan-1569 00:00:00	3.00	MEXICO	19.03° N / 97.27° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	30-Jul-1909 00:00:00	MEXICO	9	-	ACAPULCO	16.83° N / 99.92° W
	04-May-1820 05:00:00	MEXICO	4	-	ACAPULCO	16.83° N / 99.92° W
	28-Mar-1787 00:00:00	MEXICO	4	11	ACAPULCO	16.83° N / 99.92° W
	01-Sep-1754 00:00:00	MEXICO	4	-	ACAPULCO	16.83° N / 99.92° W
	28-Mar-1784 00:00:00	MEXICO	3.65	-	ACAPULCO	16.83° N / 99.92° 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
	JANET	22-Sep-1955 00:00:00 - 30-Sep-1955 06:00:00	173	No Data	Atlantic	15.83° N / 76.55° W
	ANITA	29-Aug-1977 18:00:00 - 03-Sep-1977 06:00:00	173	926	Atlantic	24.01° N / 95.7° W
	DEAN	13-Aug-2007 21:00:00 - 23-Aug-2007 03:00:00	167	906	Atlantic	15.63° N / 65.8° W
	UNNAMED	31-Jul-1947 12:00:00 - 22-Oct-1947 06:00:00	161	No Data	Atlantic	26.08° N / 59.8° W
	UNNAMED	21-Aug-1949 12:00:00 - 05-Nov-1949 00:00:00	150	No Data	Atlantic	35.8° N / 61.95° 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.