Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 07:28:43 18 Nov 2017	GUATEMALA 11:28:43 18 Nov 2017	WASH.D.C. 12:28:43 18 Nov 2017	ZULU 17:28:43 18 Nov 2017	NAIROBI 20:28:43 18 Nov 2017	BANGKOK 00:28:43 19 Nov 2017

Region Selected » Lower Left Latitude/Longitude: 12.2157 N˚ , -96.8513 E˚
Upper Right Latitude/Longitude: 18.2157 N˚ , -90.8513 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:

Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		18-Nov-2017 17:26:43	5.2	60.67	offshore Chiapas, Mexico	15.22° N / 93.85° W

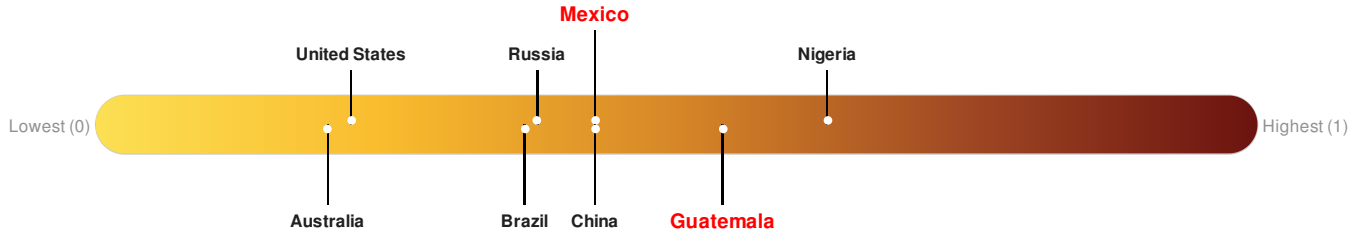
Source: PDC

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.

Guatemala ranks **44** out of **165** countries assessed for Lack of Resilience. Guatemala is less resilient than 74% of countries assessed. This indicates that Guatemala has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Mexico ranks **82** out of **165** countries assessed for Lack of Resilience. Mexico is less resilient than 51% of countries assessed. This indicates that Mexico has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: PDC

Regional Overview

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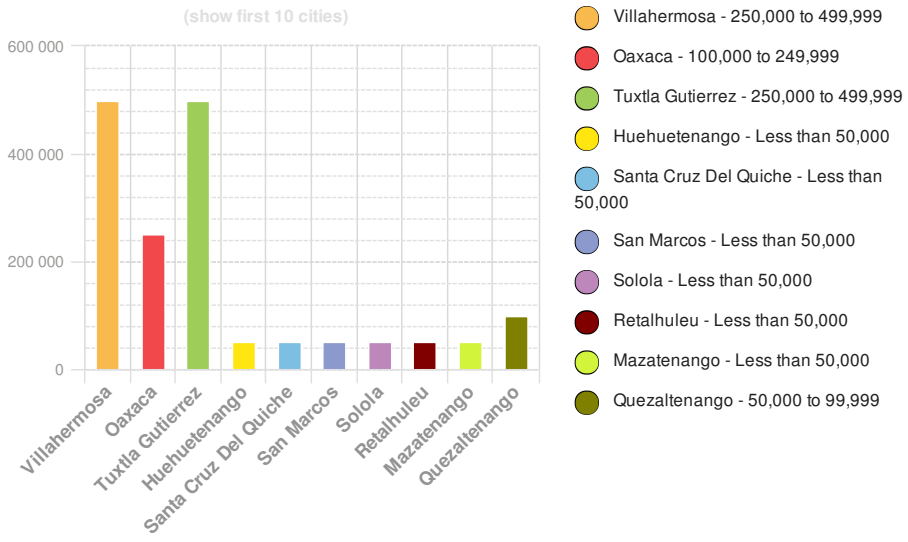
Population Data:

2011

Total: 15, 374, 118
Max Density: 49, 251 (ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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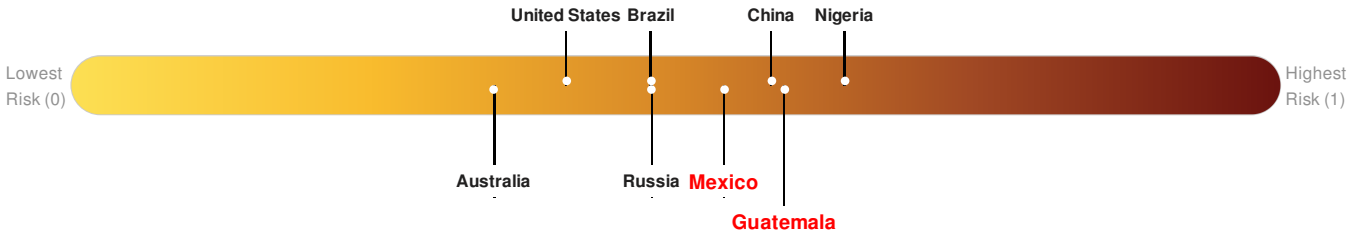
Multi Hazard Risk Index:

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

Multi-Hazard Exposure **Guatemala** ranks **28** out of **165** countries assessed for Multi Hazard Risk. Guatemala has a Multi Hazard Risk higher than 84% of countries assessed. This indicates that Guatemala has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Mexico** ranks **53** out of **165** countries assessed for Multi Hazard Risk. Mexico has a Multi Hazard Risk higher than 68% of countries assessed. This indicates that Mexico has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

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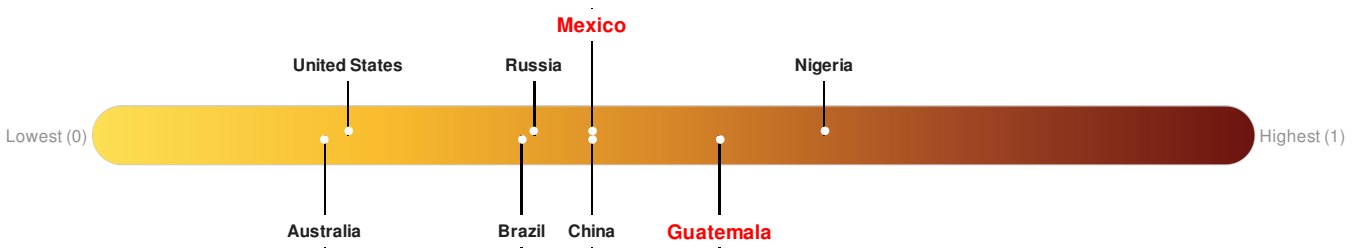

Source: PDC

Historical Hazards

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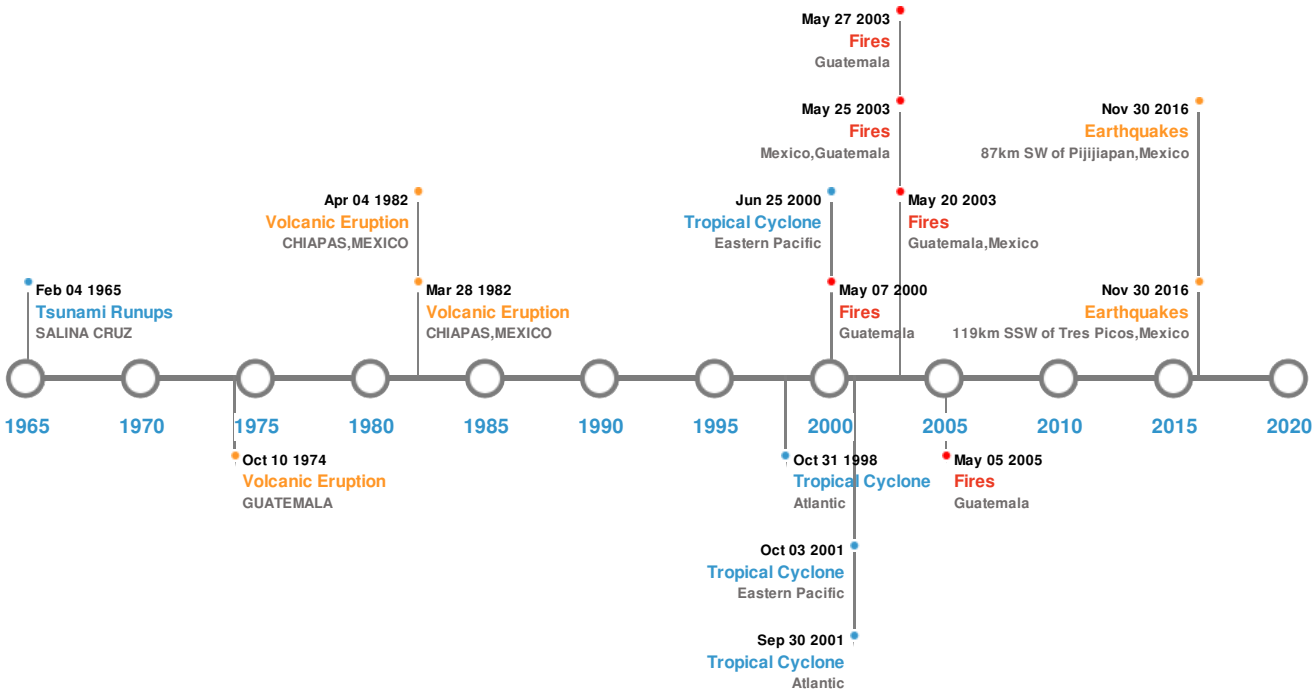
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	23-Sep-1902 00:20:00	8.40	100	MEXICO: VENUSTIANO CARRANZA,CHIAPAS,CHIS,TABASCO	16.6° N / 92.6° W
	08-Sep-2017 04:49:21	8.10	69.65	87km SW of Pijijiapan, Mexico	15.07° N / 93.72° W
	08-Sep-2017 04:49:17	8.00	33	119km SSW of Tres Picos, Mexico	14.9° N / 94.03° W
	06-Aug-1942 00:23:00	7.90	50	GUATEMALA: NEAR S COAST	14° N / 91° W
	15-Jan-1931 00:01:00	7.90	50	MEXICO: OAXACA	16.1° N / 96.8° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SANTA MARIA	24-Oct-1902 00:00:00	6.00	GUATEMALA	14.76° N / 91.55° W
	EL CHICHON	04-Apr-1982 00:00:00	4.00	CHIAPAS, MEXICO	17.3° N / 93.22° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	EL CHICHON	28-Mar-1982 00:00:00	4.00	CHIAPAS, MEXICO	17.3° N / 93.22° W
	FUEGO	10-Oct-1974 00:00:00	4.00	GUATEMALA	14.47° N / 90.88° W
	FUEGO	21-Jan-1932 00:00:00	4.00	GUATEMALA	14.47° N / 90.88° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	03-Apr-1787 00:00:00	MEXICO	4	-	POCHUTLA	15.73° N / 96.47° W
	03-Apr-1787 00:00:00	MEXICO	4	-	OAXACA COAST	15.8° N / 96.8° W
	22-May-1960 04:56:00	MEXICO	0.79	-	SALINA CRUZ	16.17° N / 95.2° W
	04-Nov-1952 06:40:00	MEXICO	0.6	-	SALINA CRUZ	16.17° N / 95.2° W
	04-Feb-1965 00:00:00	MEXICO	0.5	-	SALINA CRUZ	16.17° N / 95.2° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	11-Feb-2003 00:00:00 - 27-May-2003 00:00:00	188.60	Guatemala	16.82° N / 90.5° W
	04-Mar-2003 00:00:00 - 20-May-2003 00:00:00	118.80	Guatemala,Mexico	17.13° N / 90.77° W
	06-Mar-2003 00:00:00 - 25-May-2003 00:00:00	118.10	Mexico,Guatemala	17.84° N / 90.56° W
	29-Mar-2000 00:00:00 - 07-May-2000 00:00:00	67.90	Guatemala	17.12° N / 90.55° W
	18-Feb-2005 00:00:00 - 05-May-2005 00:00:00	53.70	Guatemala	16.93° N / 90.75° 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

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	MITCH	22-Oct-1998 06:00:00 - 09-Nov-1998 18:00:00	178	905	Atlantic	37.16° N / 49.35° W
	CARLOTTA	19-Jun-2000 00:00:00 - 25-Jun-2000 06:00:00	155	932	Eastern Pacific	17.77° N / 105.65° W
	UNNAMED	21-Aug-1949 12:00:00 - 05-Nov-1949 00:00:00	150	No Data	Atlantic	35.8° N / 61.95° W
	JULIETTE	21-Sep-2001 21:00:00 - 03-Oct-2001 03:00:00	144	No Data	Eastern Pacific	21.57° N / 104.4° W
	IRIS	04-Oct-2001 18:00:00 - 09-Oct-2001 12:00:00	144	948	Atlantic	14.38° N / 75.05° 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.