



Region Selected » Lower Left Latitude/Longitude: 13.747399999999999 N° , -96.8216 E°
 Upper Right Latitude/Longitude: 19.7474 N° , -90.8216 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

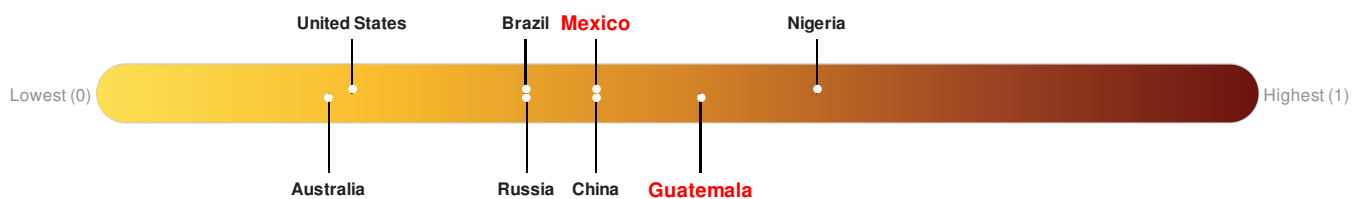
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		23-May-2016 19:33:44	5.2	124	11km W of Cintalapa de Figueroa, Mexico	16.75° N / 93.82° W

Active Volcanoes

Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		29-Jul-2014 00:04:32	Volcano - Santa Maria, Guatemala	Guatemala	INSIVUMEH, Guatemala	New Activity	more info	14.76° N / 91.55° W
		15-Oct-2009 00:04:54	Volcano - Fuego, Guatemala	Guatemala	INSIVUMEH, Guatemala	Ongoing Activity	more info	14.47° N / 90.88° W

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. **Guatemala** ranks **48** out of **165** on the Lack of Resilience index with a score of 0.52. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43.



Guatemala ranks **48** 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 Population Pressures, Info Access Vulnerability and Governance.

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.

Regional Overview

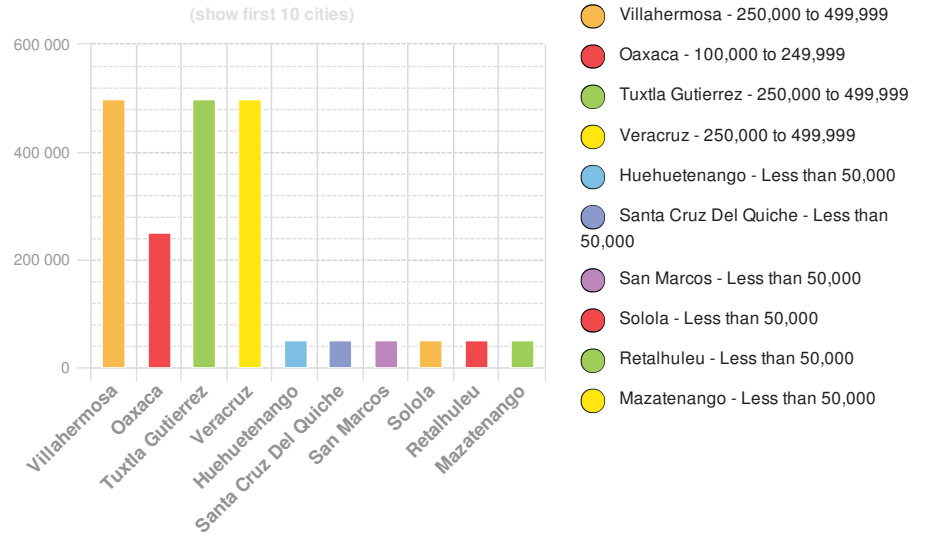
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Population Data:

2011

Total: 18,258,738
Max Density: 49,251 (ppl/km²)

Populated Areas:



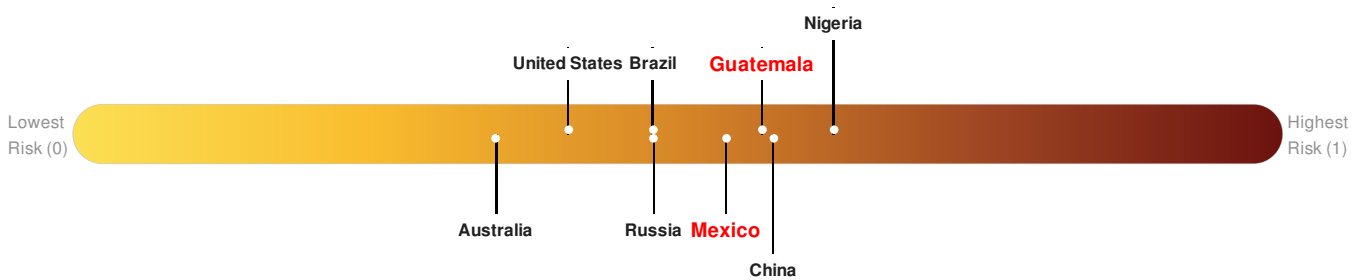
Risk & Vulnerability

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Multi Hazard Risk Index:

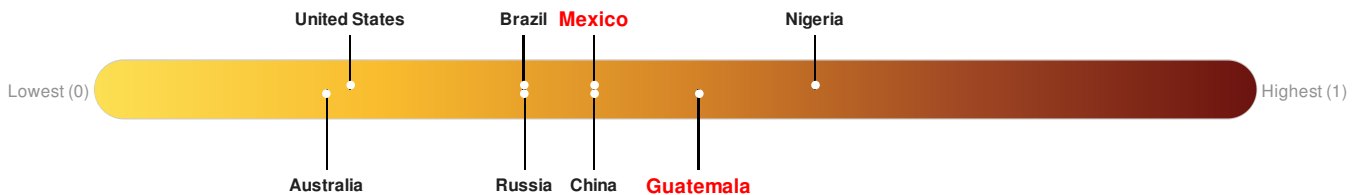
Guatemala ranks **36** out of **165** on the Multi-Hazard Risk Index with a score of 0.57. Guatemala is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Mexico ranks **52** out of **165** on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.



Lack of Resilience Index:

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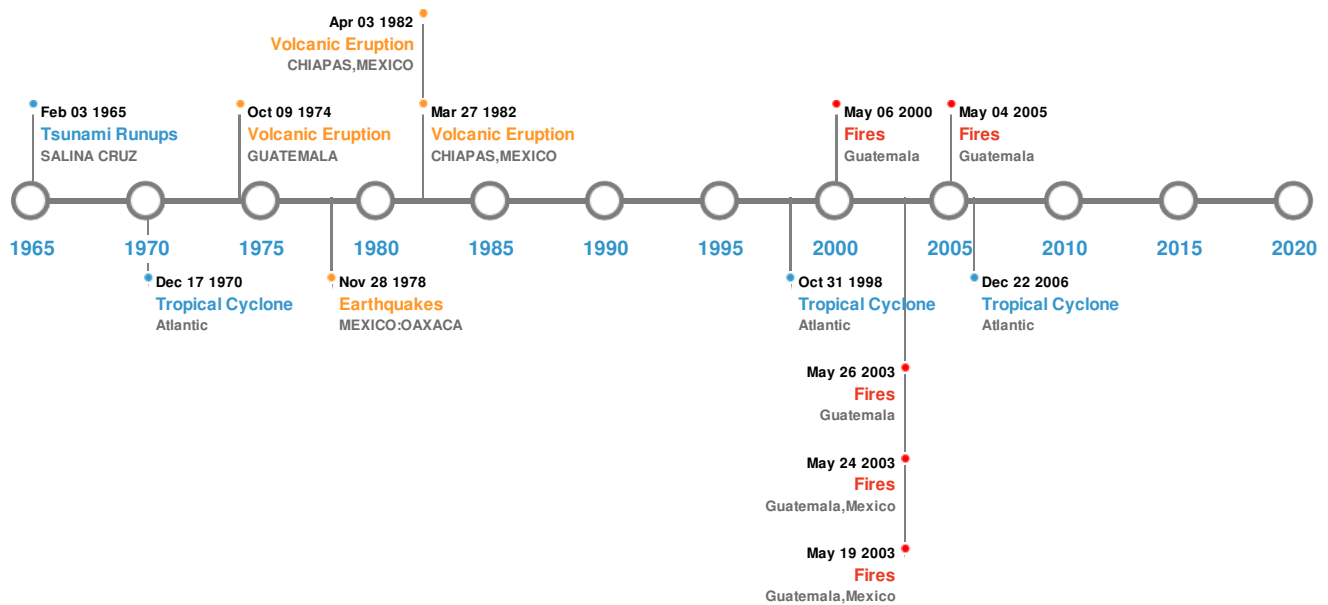
thematic areas with the weakest relative scores are Population Pressures, Info Access Vulnerability and Governance.

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.

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
	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
	23-Aug-1965 00:19:00	7.80	28	MEXICO: OAXACA	16.3° N / 95.8° W
	29-Nov-1978 00:19:00	7.70	18	MEXICO: OAXACA	16.01° N / 96.59° W

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
	EL CHICHON	28-Mar-1982 00:00:00	4.00	CHIAPAS, MEXICO	17.3° N / 93.22° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	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

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




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	Guatemala,Mexico	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

Tropical Cyclones:

5 Largest Tropical Cyclones

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
	JANET	22-Sep-1955 00:00:00 - 30-Sep-1955 06:00:00	173	No Data	Atlantic	15.83° N / 76.55° 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

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	EDITH	06-Sep-1971 00:00:00 - 18-Sep-1971 06:00:00	161	No Data	Atlantic	22.23° N / 77.9° W

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.

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