Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 05:43:24 26 May 2017	EL SALVADOR 09:43:24 26 May 2017	WASH.D.C. 11:43:24 26 May 2017	ZULU 15:43:24 26 May 2017	NAIROBI 18:43:24 26 May 2017	BANGKOK 22:43:24 26 May 2017

Region Selected » Lower Left Latitude/Longitude: 9.7609 N˚ , -93.1265 E˚
Upper Right Latitude/Longitude: 15.7609 N˚ , -87.1265 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:

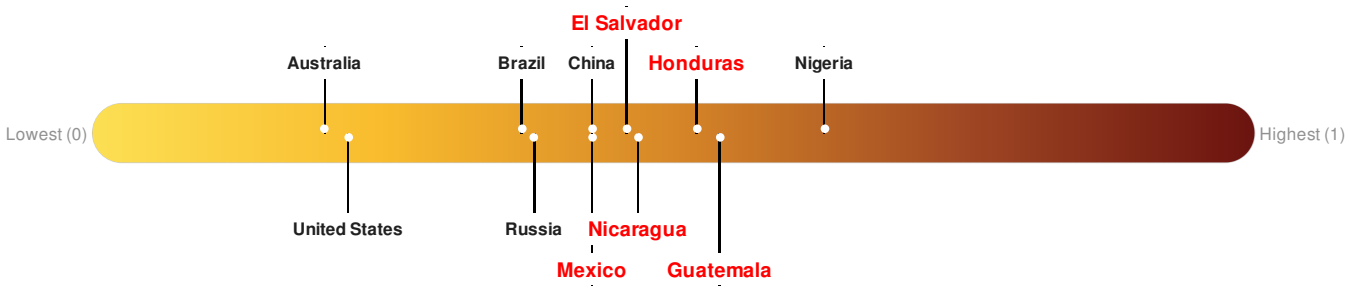
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		26-May-2017 15:41:31	5.2	47.5	97km SSW of Acajutla, El Salvador	12.76° N / 90.13° 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. **El Salvador** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46. **Guatemala** ranks **44** out of **165** on the Lack of Resilience index with a score of 0.54. **Honduras** ranks **49** 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. **Nicaragua** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.47.



El Salvador ranks **64** 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 Environmental Capacity, Recent Disaster Impacts and Info Access Vulnerability.

Guatemala ranks **44** 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.

Honduras ranks **49** 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 Marginalization, Infrastructure and Info Access Vulnerability.

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.

Nicaragua ranks **64** 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 Info Access Vulnerability, Infrastructure and Governance.

Source: PDC

Regional Overview

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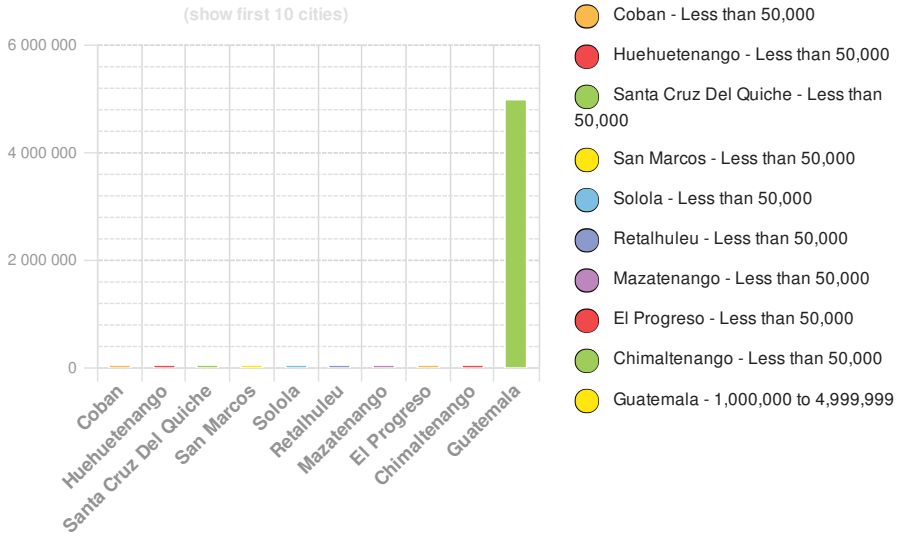
Population Data:

2011

Total: 25, 286, 256
Max Density: 59, 219(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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Multi Hazard Risk Index:

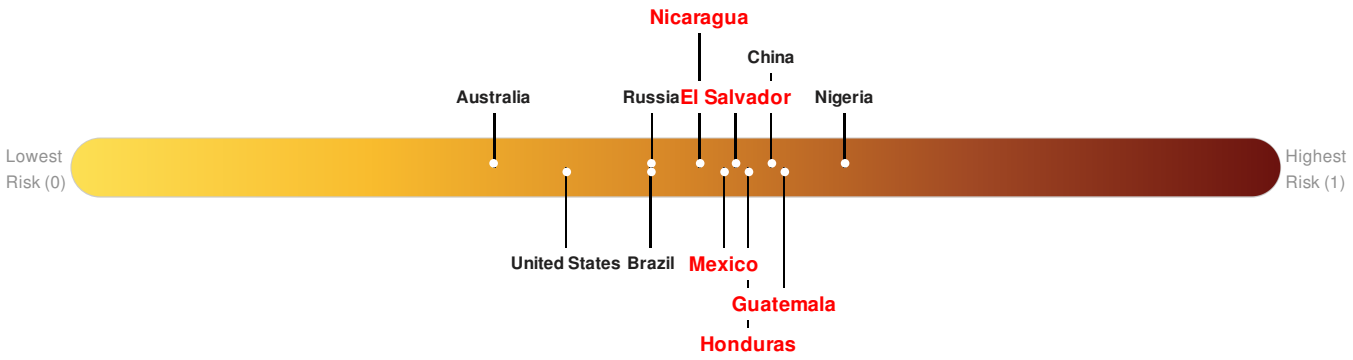
El Salvador ranks **48** out of **165** on the Multi-Hazard Risk Index with a score of 0.55. El Salvador is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Guatemala ranks **28** out of **165** on the Multi-Hazard Risk Index with a score of 0.59. Guatemala is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Honduras ranks **40** out of **165** on the Multi-Hazard Risk Index with a score of 0.56. Honduras is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

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.

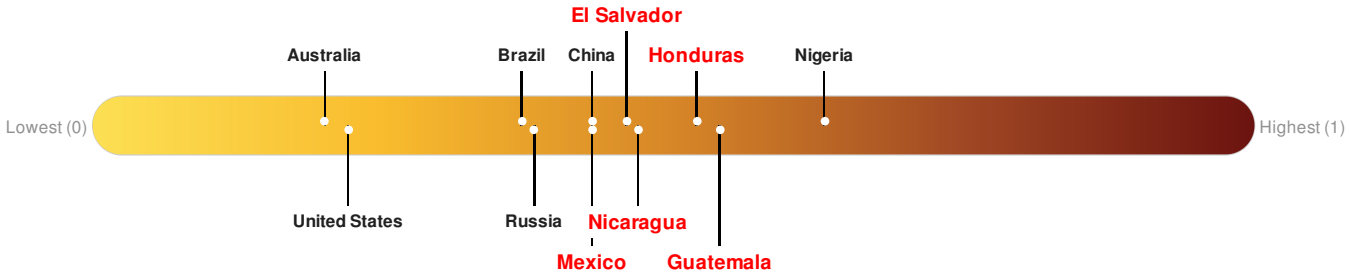
Nicaragua ranks **66** out of **165** on the Multi-Hazard Risk Index with a score of 0.52. Nicaragua is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.



Source: PDC

Lack of Resilience Index:

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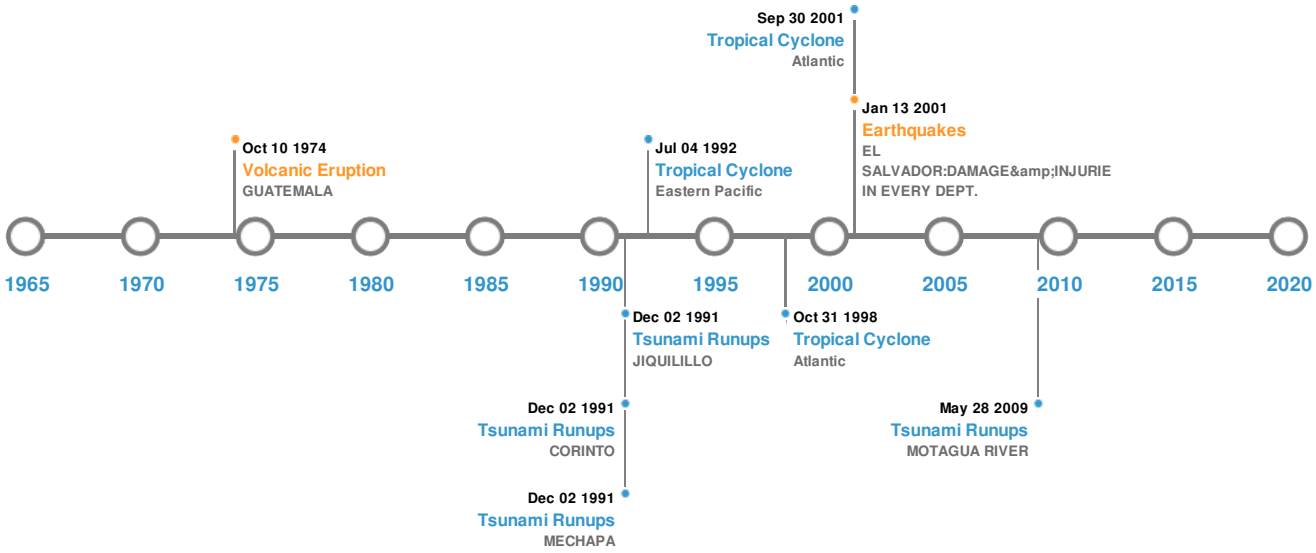
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Source: PDC

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
	06-Aug-1942 00:23:00	7.90	50	GUATEMALA: NEAR S COAST	14° N / 91° W
	07-Sep-1915 00:01:00	7.90	80	GUATEMALA	14° N / 89° W
	13-Jan-2001 00:17:00	7.70	60	EL SALVADOR: DAMAGE & INJURIES IN EVERY DEPT.	13.05° N / 88.66° W
	21-May-1932 00:10:00	7.60	90	NICARAGUA: NEAR WEST COAST	12° N / 87.5° W
	22-Jul-1816 00:00:00	7.60	33	GUATEMALA	15.5° N / 91.5° 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
	ILOPANGO	01-Jan-0260 00:00:00	6.00	EL SALVADOR	13.67° N / 89.05° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	COSIGUINA	20-Jan-1835 00:00:00	5.00	NICARAGUA	12.98° N / 87.56° 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
	09-Aug-1856 00:00:00	HONDURAS	5	-	OMOA	15.75° N / 88.17° W
	28-May-2009 00:00:00	HONDURAS	4	-	MOTAGUA RIVER	15.73° N / 88.23° W
	02-Sep-1992 00:00:00	NICARAGUA	4	-	MECHAPA	12.82° N / 87.57° W
	02-Sep-1992 00:00:00	NICARAGUA	2.9	-	CORINTO	12.48° N / 87.17° W
	02-Sep-1992 00:00:00	NICARAGUA	2	-	JIQUILILLO	12.73° N / 87.43° 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
	MITCH	22-Oct-1998 06:00:00 - 09-Nov-1998 18:00:00	178	905	Atlantic	37.16° N / 49.35° W
	HATTIE	27-Oct-1961 18:00:00 - 01-Nov-1961 06:00:00	161	No Data	Atlantic	14.58° N / 85.65° W
	UNNAMED	21-Aug-1949 12:00:00 - 05-Nov-1949 00:00:00	150	No Data	Atlantic	35.8° N / 61.95° W
	IRIS	04-Oct-2001 18:00:00 - 09-Oct-2001 12:00:00	144	948	Atlantic	14.38° N / 75.05° W
	CELIA	22-Jun-1992 18:00:00 - 04-Jul-1992 18:00:00	144	935	Eastern Pacific	15.28° N / 112.55° 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.

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