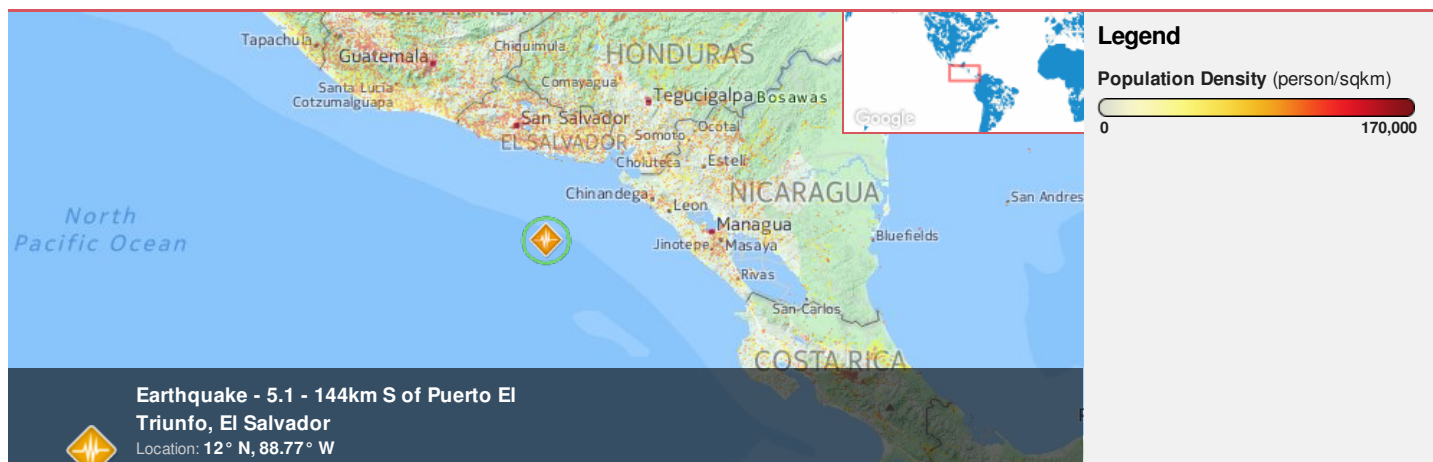




Region Selected » Lower Left Latitude/Longitude: 8.9966 N° , -91.7728 E°
 Upper Right Latitude/Longitude: 14.9966 N° , -85.7728 E°



Earthquake - 5.1 - 144km S of Puerto El Triunfo, El Salvador
 Location: 12° N, 88.77° W

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:

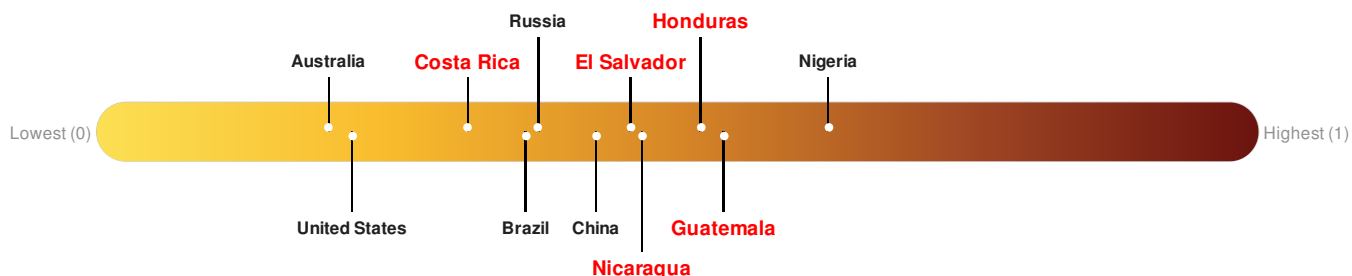
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		09-Dec-2016 10:29:28	5.1	40.43	144km S of Puerto El Triunfo, El Salvador	12° N / 88.77° 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. **Costa Rica** ranks **120** out of **165** on the Lack of Resilience index with a score of 0.32. **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. **Nicaragua** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.47.



Costa Rica ranks **120** 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, Infrastructure and Environmental Capacity.

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.

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

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.

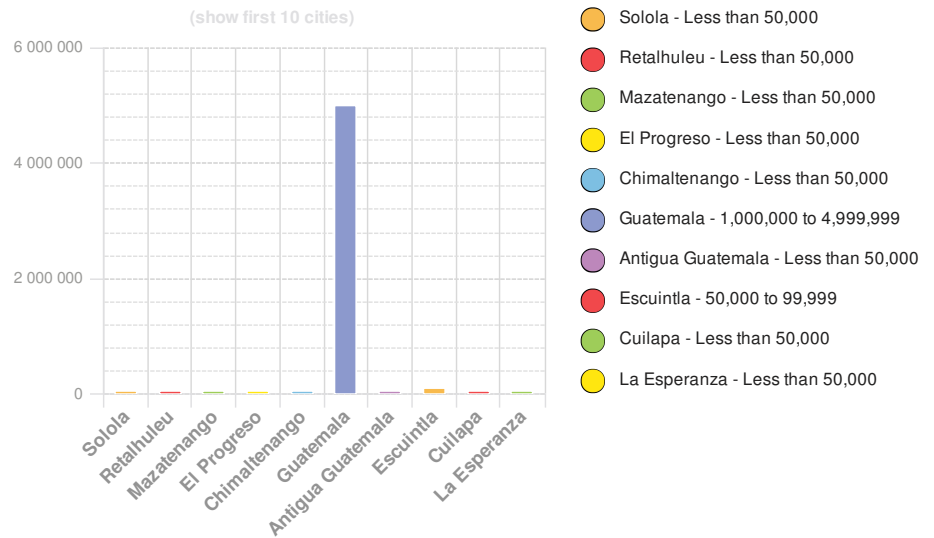
Population Data:

2011

Total: 23,610,642
Max Density: 59,219 (ppl/km²)

Source: [Sciences](#)

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:

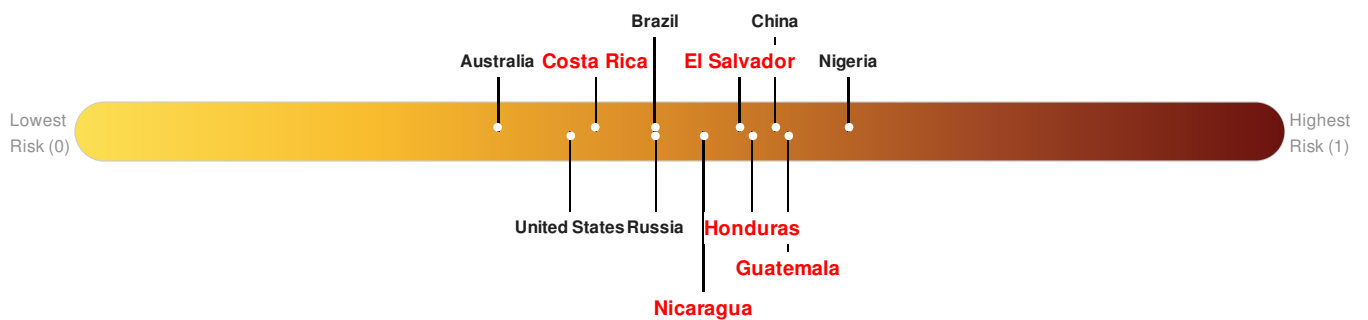
Costa Rica ranks **112** out of **165** on the Multi-Hazard Risk Index with a score of 0.43. Costa Rica is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.

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.

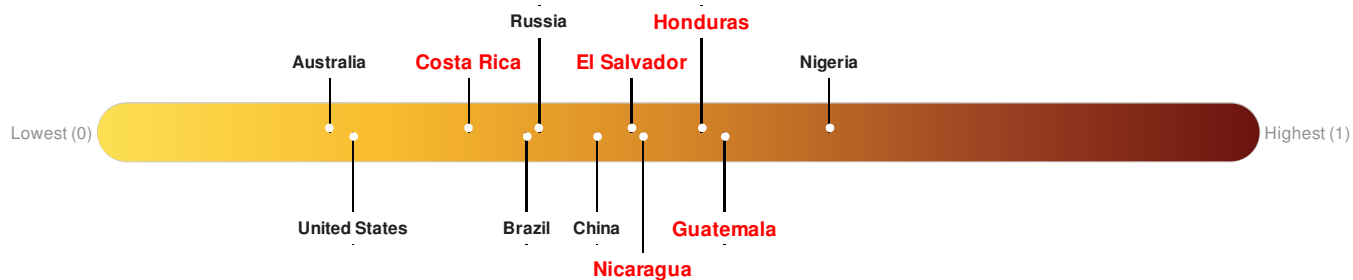
Nicaragua ranks **66** out of **165** on the Multi-Hazard Risk Index with a score of 0.52. Nicaragua is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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. **Costa Rica** ranks **120** out of **165** on the Lack of Resilience index with a score of 0.32. **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. **Nicaragua** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.47.



Costa Rica ranks **120** 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, Infrastructure and Environmental Capacity.

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.

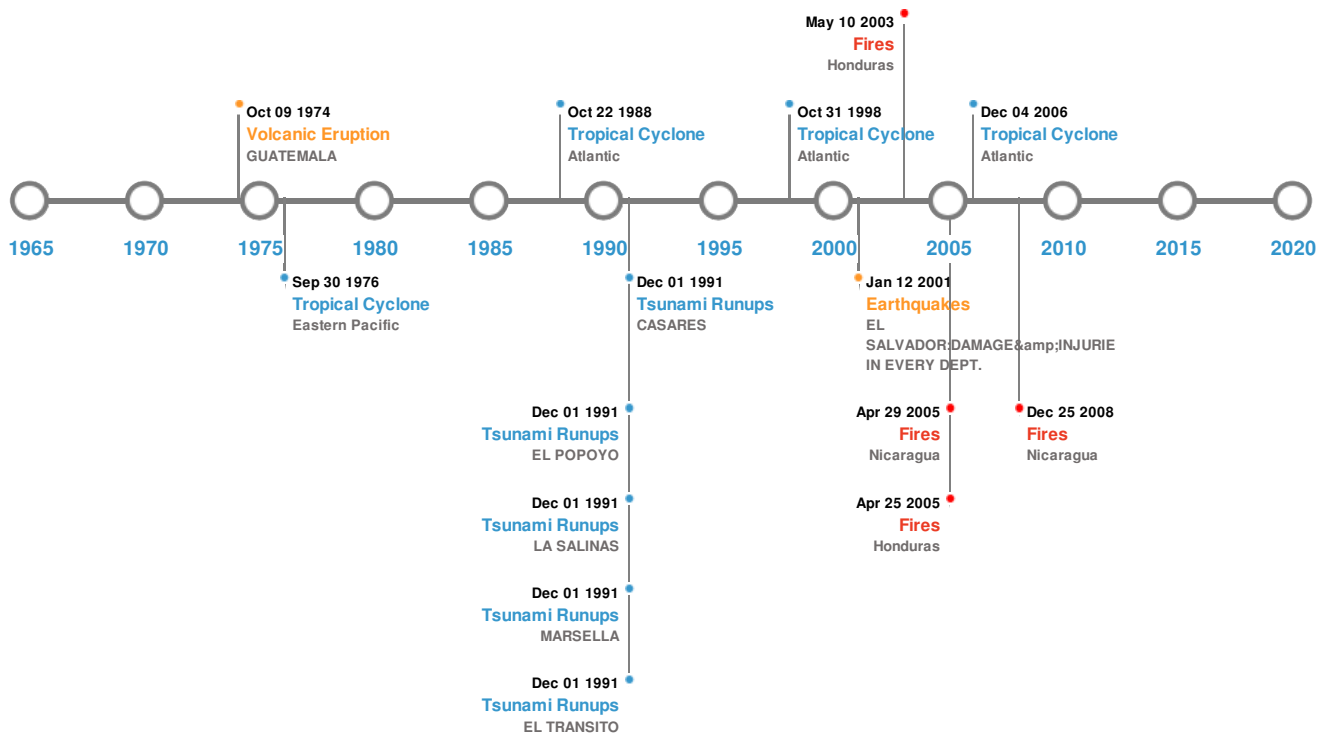
Nicaragua ranks **64** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Info Access Vulnerability, Infrastructure and Governance.

Source: [PDC](#)

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
	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
	29-Apr-1898 00:16:00	7.90	33	NICARAGUA: LEON, CHINANDEGA, MANAGUA	12° N / 86° 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

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
	02-Sep-1992 00:00:00	NICARAGUA	9.9	170	EL TRANSITO	12.05° N / 86.7° W
	02-Sep-1992 00:00:00	NICARAGUA	8	-	MARSELLA	11.25° N / 85.9° W
	02-Sep-1992 00:00:00	NICARAGUA	6.5	-	LA SALINAS	11.3° N / 85.92° W
	02-Sep-1992 00:00:00	NICARAGUA	6	-	EL POPOYO	11.3° N / 86° W
	02-Sep-1992 00:00:00	NICARAGUA	6	-	CASARES	11.65° N / 86.35° W

Source: [Tsunamis](#)

Wildfires:




5 Largest Wildfires



Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	22-Mar-2003 00:00:00 - 11-May-2003 00:00:00	20.30	Honduras	14.38° N / 85.67° W
	09-Mar-2005 00:00:00 - 30-Apr-2005 00:00:00	12.30	Nicaragua	13.9° N / 86.06° W
	22-Mar-2005 00:00:00 - 26-Apr-2005 00:00:00	11.60	Honduras	14.39° N / 86.17° W
	12-Jan-2008 15:55:00 - 25-Dec-2008 16:20:00	8.60	Nicaragua	12.48° N / 87.05° 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
	MITCH	22-Oct-1998 06:00:00 - 09-Nov-1998 18:00:00	178	905	Atlantic	37.16° N / 49.35° W
	FELIX	01-Sep-2007 00:00:00 - 05-Sep-2007 09:00:00	167	929	Atlantic	12.69° N / 72.8° W
	UNNAMED	21-Aug-1949 12:00:00 - 05-Nov-1949 00:00:00	150	No Data	Atlantic	35.8° N / 61.95° W

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	JOAN	11-Oct-1988 00:00:00 - 23-Oct-1988 06:00:00	144	932	Atlantic	10.35° N / 64.5° W
	MADLINE	29-Sep-1976 06:00:00 - 08-Oct-1976 18:00:00	144	No Data	Eastern Pacific	14.04° N / 96.4° 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.