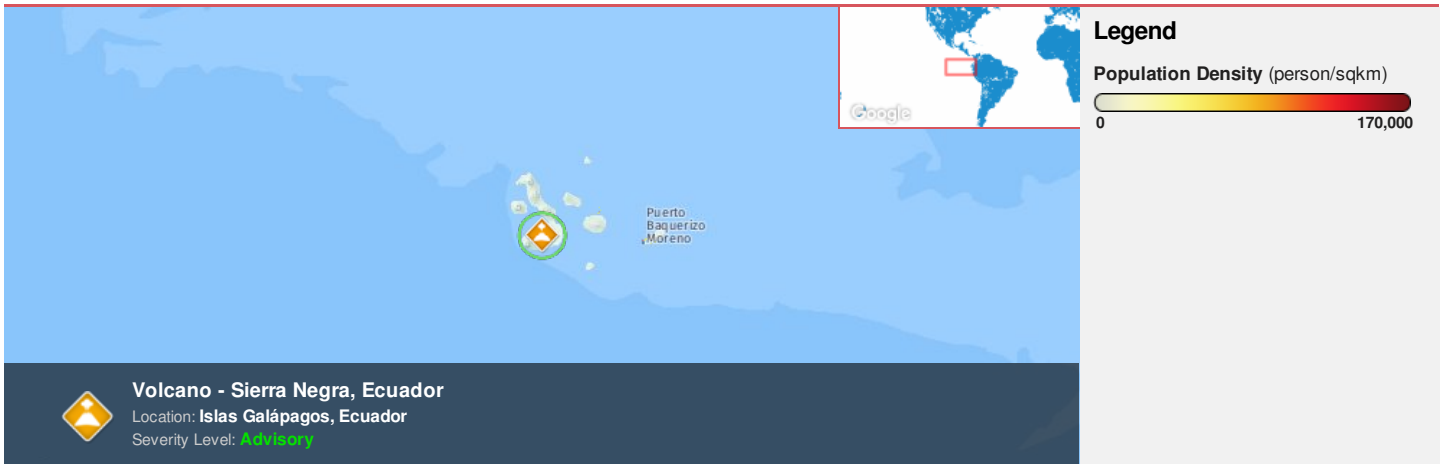
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 15:23:22 04 Aug 2018	GALAPAGOS 19:23:22 04 Aug 2018	WASH.D.C. 21:23:22 04 Aug 2018	ZULU 01:23:22 05 Aug 2018	NAIROBI 04:23:22 05 Aug 2018	BANGKOK 08:23:22 05 Aug 2018

Region Selected » Lower Left Latitude/Longitude: -3.817 N˚ , -94.167 E˚
Upper Right Latitude/Longitude: 2.183 N˚ , -88.167 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

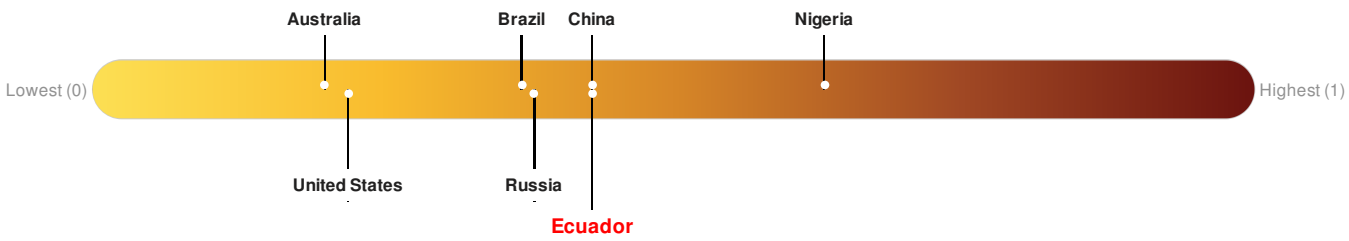
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		26-Jun-2018 22:01:23	Volcano - Sierra Negra, Ecuador	-	-	-	-	0.82° S / 91.17° W

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.

Ecuador ranks **82** out of **165** countries assessed for Lack of Resilience. Ecuador is less resilient than 51% of countries assessed. This indicates that Ecuador 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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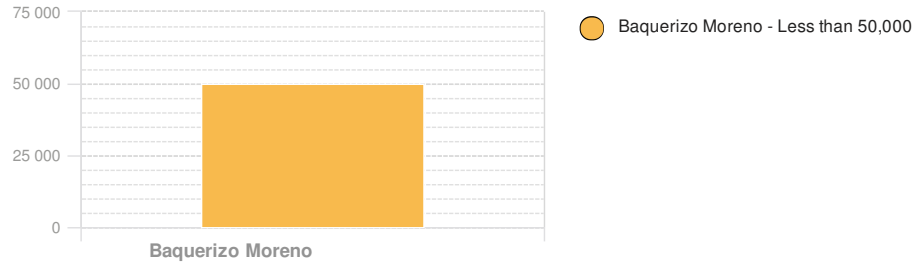
Population Data:

2011

Total: 21, 148
Max Density: 3, 138(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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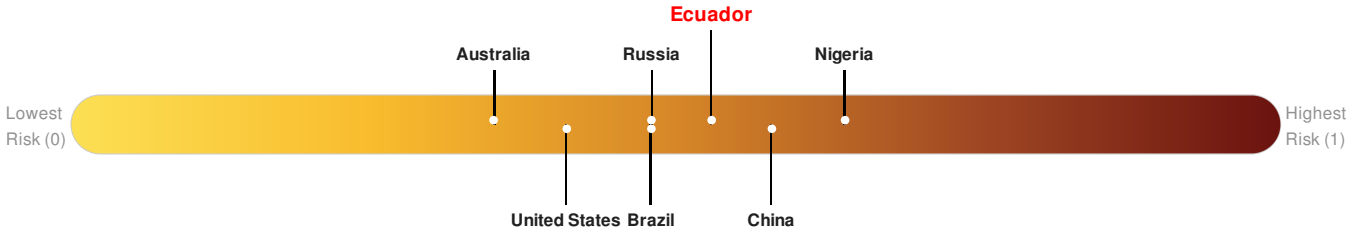
Multi Hazard Risk Index:

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 **Ecuador** ranks **59** out of **165** countries assessed for Multi Hazard Risk. Ecuador has a Multi Hazard Risk higher than 65% of countries assessed. This indicates that Ecuador has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

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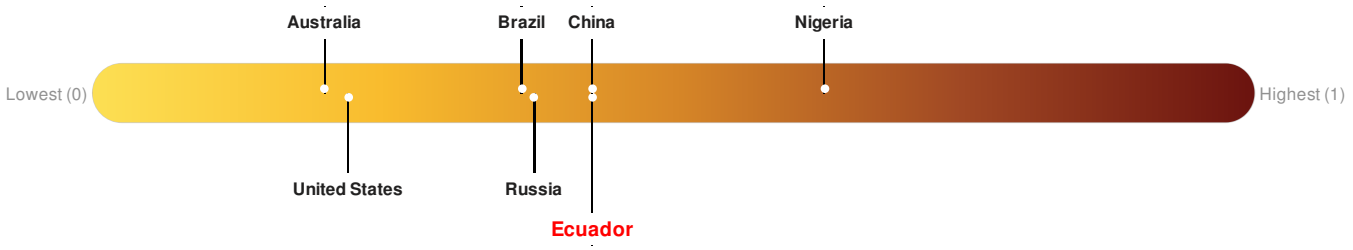

Source: PDC

Historical Hazards

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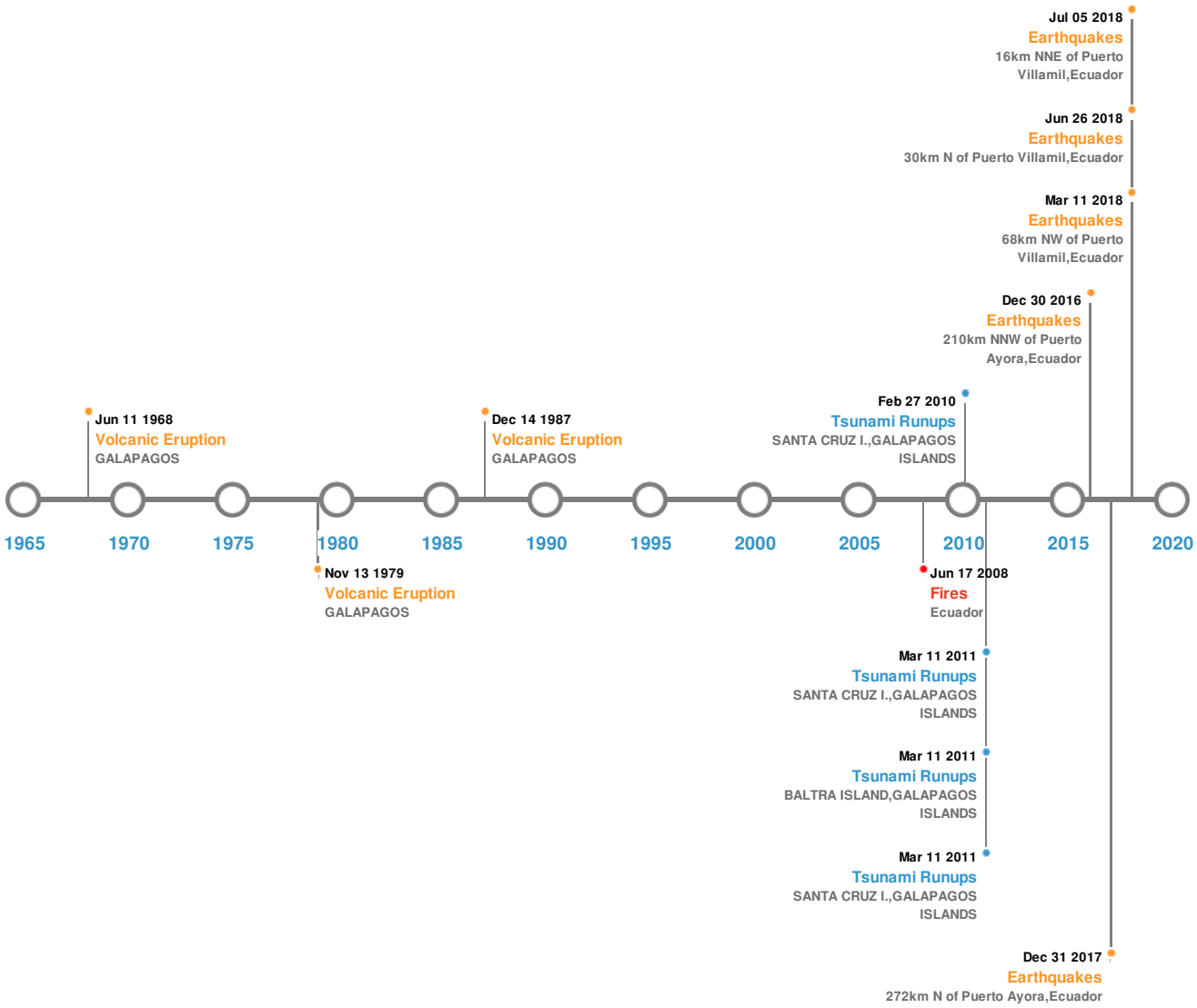
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	09-Jan-2018 00:05:54	5.80	10	272km N of Puerto Ayora, Ecuador	1.68° N / 90.82° W
	26-Jun-2018 09:15:36	5.50	10	30km N of Puerto Villamil, Ecuador	0.68° S / 90.94° W
	11-Mar-2018 22:08:21	5.20	10	68km NW of Puerto Villamil, Ecuador	0.44° S / 91.31° W
	05-Jul-2018 00:30:27	4.90	10	16km NNE of Puerto Villamil, Ecuador	0.81° S / 90.93° W
	30-Sep-2017 16:45:44	4.90	10	210km NNW of Puerto Ayora, Ecuador	1.05° N / 90.98° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	FERNANDINA	11-Jun-1968 00:00:00	4.00	GALAPAGOS	0.37° S / 91.55° W
	FERNANDINA	14-Sep-1988 00:00:00	3.00	GALAPAGOS	0.37° S / 91.55° W
	NEGRA, SIERRA	13-Nov-1979 00:00:00	3.00	GALAPAGOS	0.83° S / 91.17° W
	NEGRA, SIERRA	27-Aug-1953 00:00:00	3.00	GALAPAGOS	0.83° S / 91.17° W
	AZUL, CERRO	13-Apr-1943 00:00:00	3.00	GALAPAGOS	0.9° S / 91.42° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	ECUADOR	-	-	SANTA CRUZ I., GALAPAGOS ISLANDS	- / -
	11-Mar-2011 23:32:24	ECUADOR	2.26	-	SANTA CRUZ I., GALAPAGOS ISLANDS	- / -
	27-Feb-2010 12:40:00	ECUADOR	1.08	-	SANTA CRUZ I., GALAPAGOS ISLANDS	0.75° S / 90.32° W
	11-Mar-2011 23:23:24	ECUADOR	0.86	-	BALTRA ISLAND, GALAPAGOS ISLANDS	- / -
	22-May-1960 00:00:00	ECUADOR	0.6	-	SAN CRISTOBAL I., GALAPAGOS ISLANDS	0.9° S / 89.62° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	30-May-2008 05:00:00 - 17-Jun-2008 07:45:00	9.70	Ecuador	0.92° S / 91.29° W

Source: Wildfires

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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