Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 14:19:06 11 Nov 2018	WASH.D.C. 19:19:06 11 Nov 2018	ZULU 00:19:06 12 Nov 2018	NAIROBI 03:19:06 12 Nov 2018	BANGKOK 07:19:06 12 Nov 2018	MANILA 08:19:06 12 Nov 2018

Region Selected » Lower Left Latitude/Longitude: 10.257 N˚ , 120.685 E˚
Upper Right Latitude/Longitude: 16.256999999999998 N˚ , 126.685 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

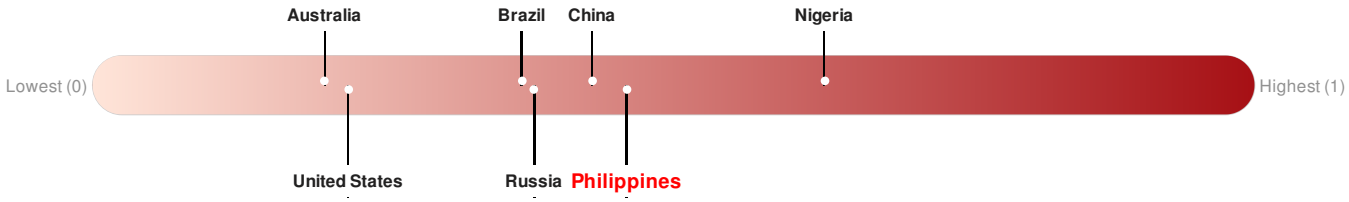
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		12-Nov-2018 00:18:57	Volcano - Mayon, Philippines	-	-	-	-	13.26° N / 123.69° E

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.

Philippines ranks **64** out of **164** countries assessed for Lack of Resilience. Philippines is less resilient than 61% of countries assessed. This indicates that Philippines has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

Regional Overview

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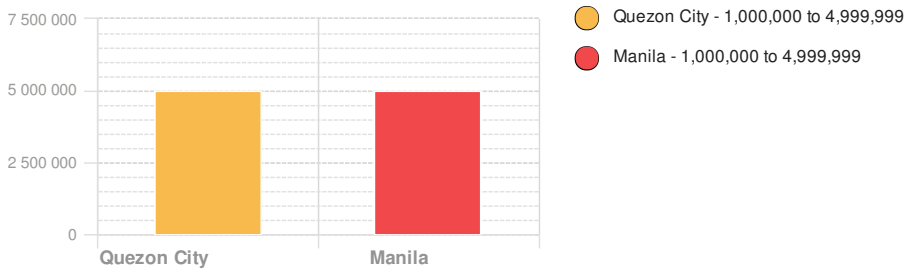
Population Data:

Populated Areas:

2011

Total: 50, 169, 008
Max Density: 107, 866(ppl/km^2)



Source: iSciences

Risk & Vulnerability

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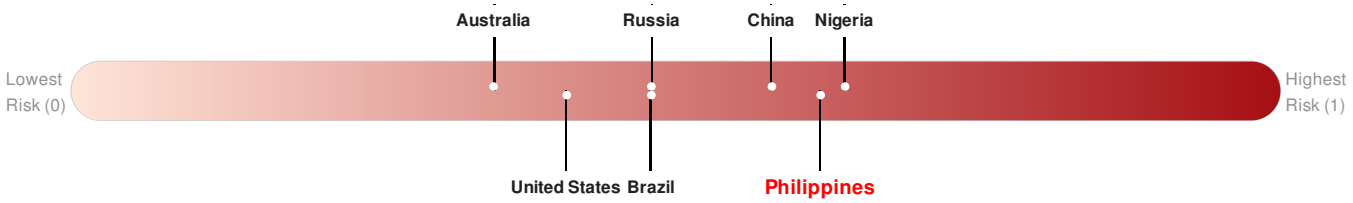
Multi Hazard Risk Index:

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

Philippines ranks **9** out of **164** countries assessed for Multi Hazard Risk. Philippines has a Multi Hazard Risk higher than 91% of countries assessed. This indicates that Philippines has a high likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

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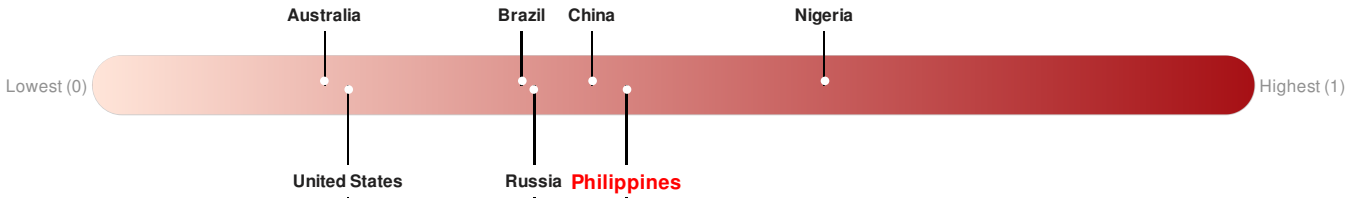

Source: PDC

Historical Hazards

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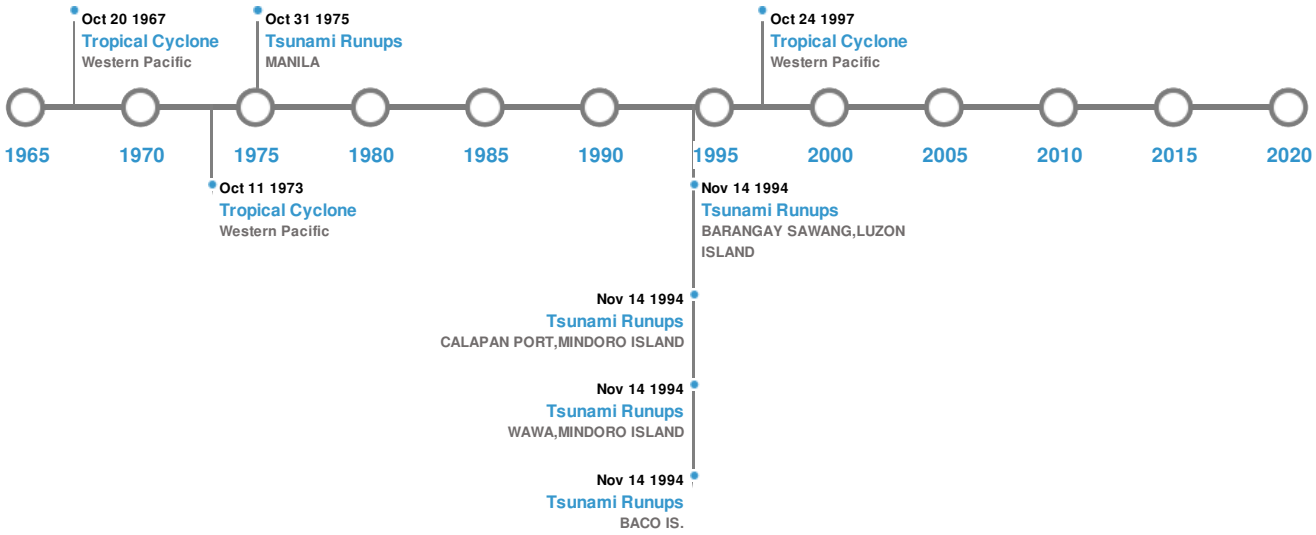

Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	24-Jan-1948 00:17:00	8.30	33	PHILIPPINES: PANAY, ILOILO CITY, ANTIQUE	10.5° N / 122° E
	18-Oct-1897 00:23:00	8.10	33	PHILIPPINES: NORTHERN SAMAR	12° N / 126° E
	14-Sep-1627 00:00:00	8.00	-	PHILIPPINES: W. LUZON ISLAND: CAGAYAN	16° N / 121° E
	20-Oct-1897 00:14:00	7.90	33	PHILIPPINES: NORTHERN SAMAR	12° N / 126° E
	13-May-1897 00:11:00	7.90	33	PHILIPPINES: MASBATE ISLAND	12° N / 124° E

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TAAL	28-Sep-1965 00:00:00	4.00	LUZON-PHILIPPINES	14° N / 120.99° E
	TAAL	27-Jan-1911 00:00:00	4.00	LUZON-PHILIPPINES	14° N / 120.99° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MAYON	01-Feb-1814 00:00:00	4.00	LUZON-PHILIPPINES	13.26° N / 123.68° E
	TAAL	01-Jan-1645 00:00:00	4.00	LUZON-PHILIPPINES	14° N / 120.99° E
	TAAL	01-Jan-1634 00:00:00	4.00	LUZON-PHILIPPINES	14° N / 120.99° E

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	14-Nov-1994 00:00:00	PHILIPPINES	7.3	-	BACO IS.	13.45° N / 121.15° E
	14-Nov-1994 00:00:00	PHILIPPINES	4	6	WAWA, MINDORO ISLAND	13.41° N / 121.14° E
	31-Oct-1975 00:00:00	PHILIPPINES	4	-	MANILA	14.6° N / 120.98° E
	14-Nov-1994 00:00:00	PHILIPPINES	3.96	-	CALAPAN PORT, MINDORO ISLAND	13.43° N / 121.19° E
	14-Nov-1994 00:00:00	PHILIPPINES	3.85	-	BARANGAY SAWANG, LUZON ISLAND	13.63° N / 121.23° E

Source: Tsunamis

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	OPAL	09-Dec-1964 00:00:00 - 16-Dec-1964 00:00:00	196	No Data	Western Pacific	11° N / 136.85° E
	LOUISE	15-Nov-1964 12:00:00 - 20-Nov-1964 12:00:00	190	No Data	Western Pacific	9.26° N / 130.65° E
	NORA	01-Oct-1973 06:00:00 - 11-Oct-1973 00:00:00	184	No Data	Western Pacific	18.08° N / 126.45° E
	IVAN	13-Oct-1997 12:00:00 - 24-Oct-1997 12:00:00	184	No Data	Western Pacific	18.53° N / 137.45° E
	CARLA	12-Oct-1967 12:00:00 - 20-Oct-1967 00:00:00	184	No Data	Western Pacific	15.38° N / 124.8° E

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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