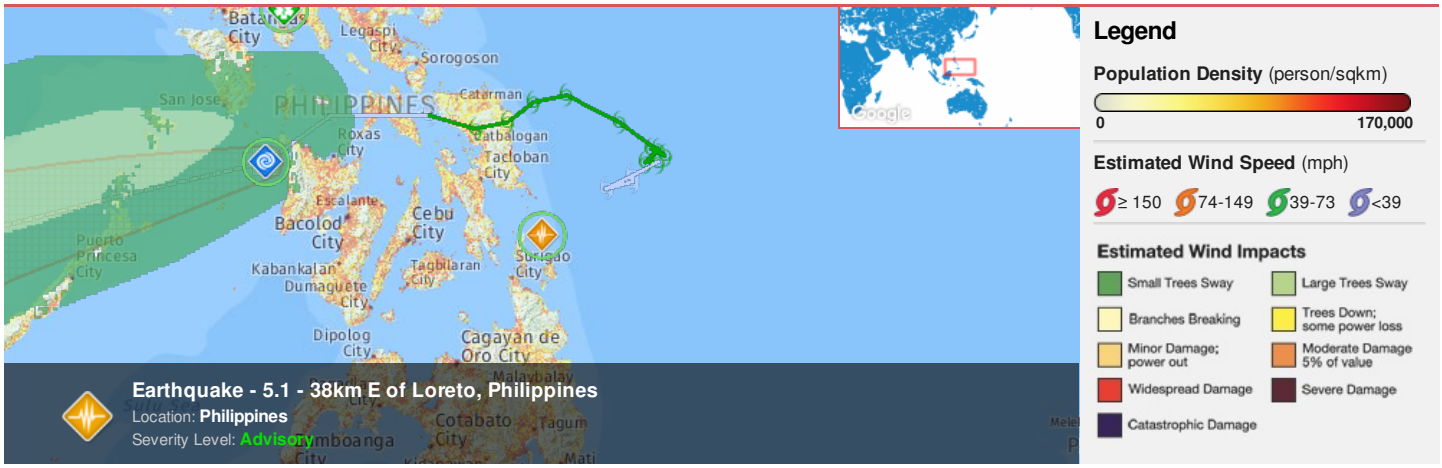
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 05:25:41 17 Dec 2017	WASH.D.C. 10:25:41 17 Dec 2017	ZULU 15:25:41 17 Dec 2017	NAIROBI 18:25:41 17 Dec 2017	BANGKOK 22:25:41 17 Dec 2017	MANILA 23:25:41 17 Dec 2017

Region Selected » Lower Left Latitude/Longitude: 7.399900000000001 N˚ , 122.9228 E˚
Upper Right Latitude/Longitude: 13.3999 N˚ , 128.9228 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

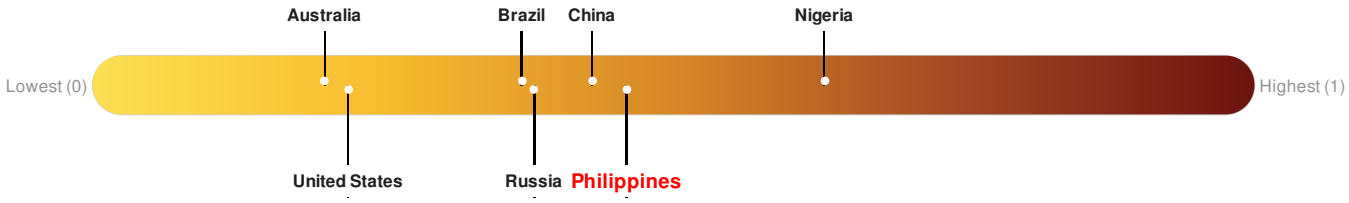
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		17-Dec-2017 15:20:56	5.1	48.82	38km E of Loreto, Philippines	10.4° N / 125.92° E

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 **165** countries assessed for Lack of Resilience. Philippines is less resilient than 62% of countries assessed. This indicates that Philippines 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:

Populated Areas:

2011

Total: 26, 860, 806
Max Density: 59, 111 (ppl/km^2)

No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities.

Source: iSciences

Risk & Vulnerability

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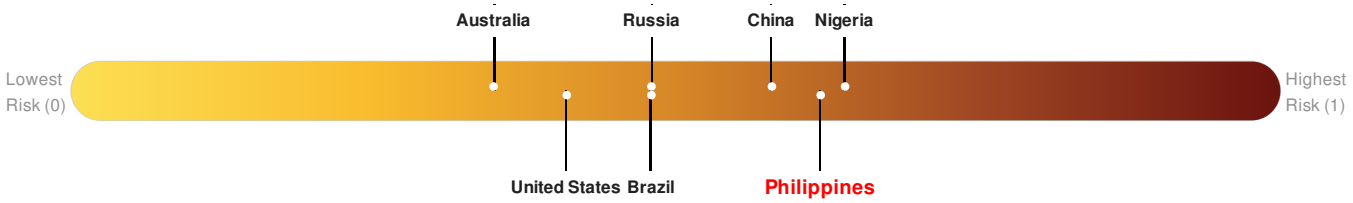
Multi Hazard Risk Index:

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 **Philippines** ranks **16** out of **165** countries assessed for Multi Hazard Risk. Philippines has a Multi Hazard Risk higher than 91% of countries assessed. This indicates that Philippines has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

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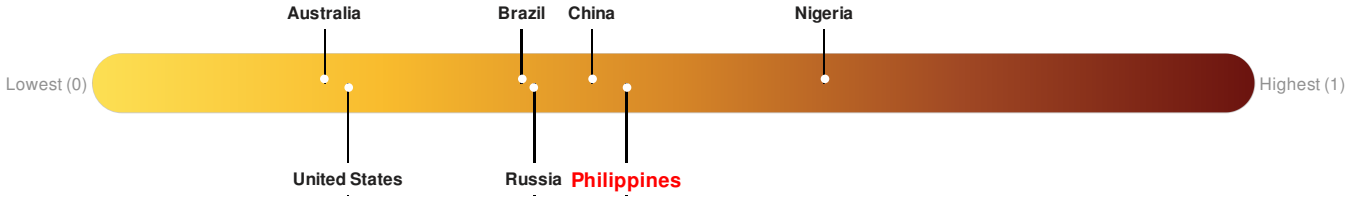

Source: PDC

Historical Hazards

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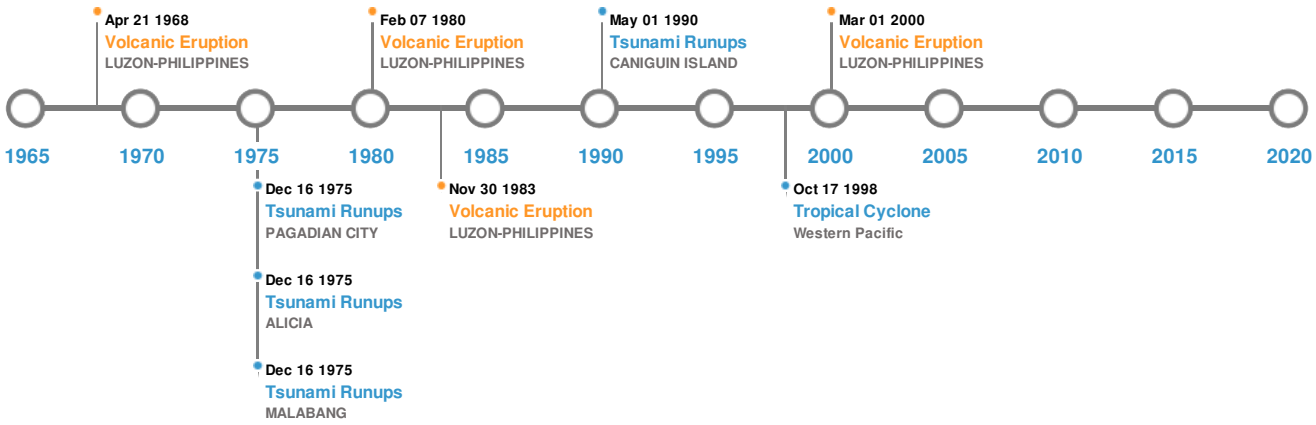
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	25-May-1943 00:23:00	8.10	33	PHILIPPINES: E OF	7.5° N / 128° E
	18-Oct-1897 00:23:00	8.10	33	PHILIPPINES: NORTHERN SAMAR	12° N / 126° 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
	19-Mar-1952 00:10:00	7.80	-	PHILIPPINES	9.5° N / 126° E

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

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
	MAYON	01-Mar-2000 00:00:00	3.00	LUZON-PHILIPPINES	13.26° N / 123.68° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MAYON	09-Sep-1984 00:00:00	3.00	LUZON-PHILIPPINES	13.26° N / 123.68° E
	BULUSAN	07-Feb-1980 00:00:00	3.00	LUZON-PHILIPPINES	12.77° N / 124.05° E
	MAYON	21-Apr-1968 00:00:00	3.00	LUZON-PHILIPPINES	13.26° N / 123.68° E

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	16-Aug-1976 00:00:00	PHILIPPINES	6	-	MALABANG	7.59° N / 124.08° E
	01-May-1990 00:00:00	PHILIPPINES	5	-	CANIGUIN ISLAND	9.99° N / 125.28° E
	16-Aug-1976 00:00:00	PHILIPPINES	4.43	-	ALICIA	7.5° N / 122.97° E
	16-Aug-1976 16:29:00	PHILIPPINES	4.3	383	PAGADIAN CITY	7.83° N / 123.5° E
	21-Sep-1897 00:00:00	PHILIPPINES	2	-	DAPITAN	8.65° N / 123.43° 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
	RUTH	12-Dec-1955 12:00:00 - 18-Dec-1955 12:00:00	207	No Data	Western Pacific	20.04° N / 146.1° E
	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
	WILMA	21-Oct-1952 18:00:00 - 31-Oct-1952 12:00:00	184	No Data	Western Pacific	10.3° N / 127.5° E
	ZEB	10-Oct-1998 00:00:00 - 17-Oct-1998 12:00:00	178	No Data	Western Pacific	20.78° N / 131° 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.