



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
		29-Oct-2009 00:04:24	Volcano - Mayon, Philippines	-	-	-	-	13.25° N / 123.68° E

Active Storm

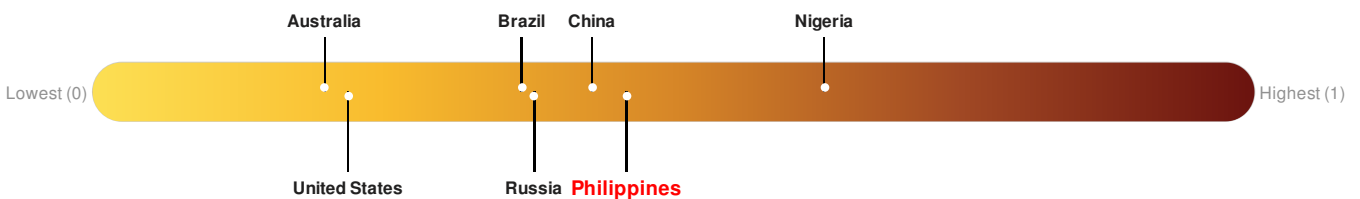
Event	Severity	Date (UTC)	Name	Lat/Long
		29-Jun-2018 15:44:19	Storms - Philippines	11.69° N / 123.21° E

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

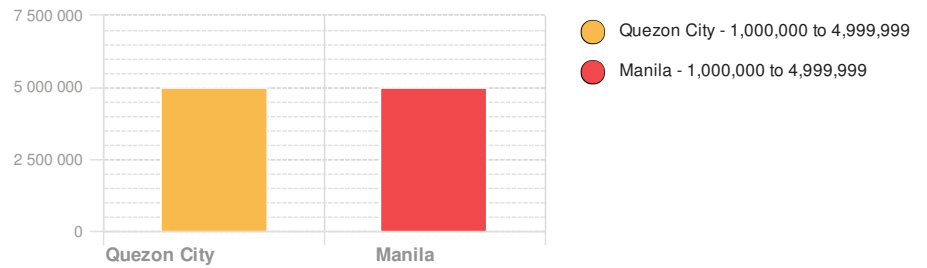
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Population Data:

2011

Total: 50,463,264
Max Density: 107,866 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

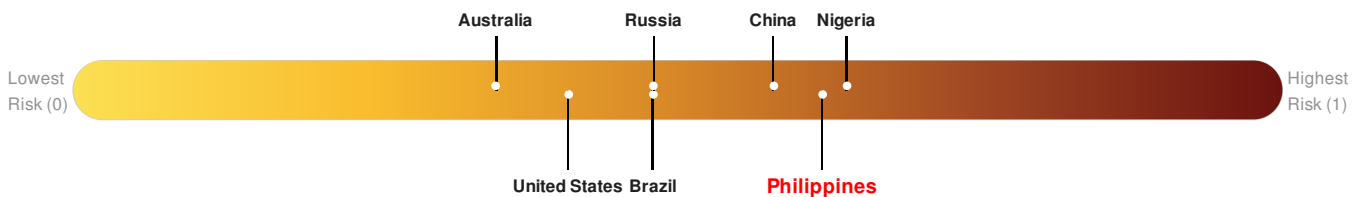
Risk & Vulnerability

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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 **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.

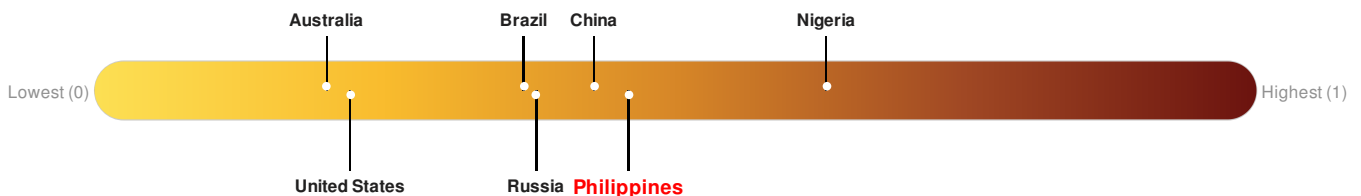


Source: [PDC](#)

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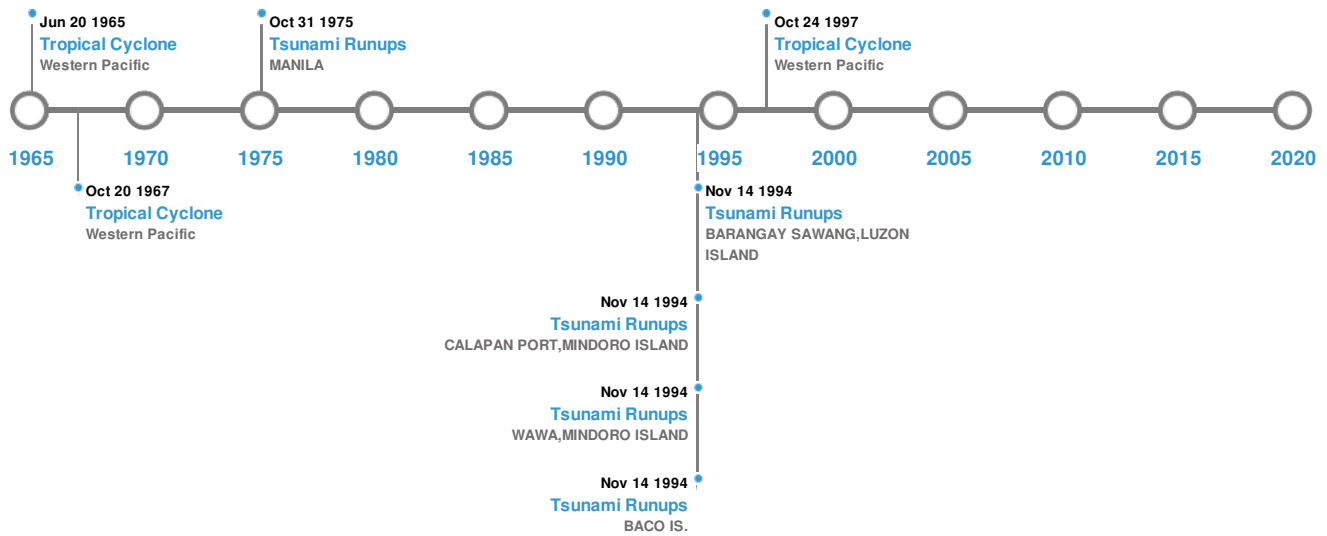


Source: [PDC](#)

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
	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
	DINAH	12-Jun-1965 12:00:00 - 20-Jun-1965 12:00:00	184	No Data	Western Pacific	23.88° N / 132.2° 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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