



Region Selected » Lower Left Latitude/Longitude: -8.525 N° , 145.42 E°
 Upper Right Latitude/Longitude: -2.5250000000000004 N° , 151.42 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

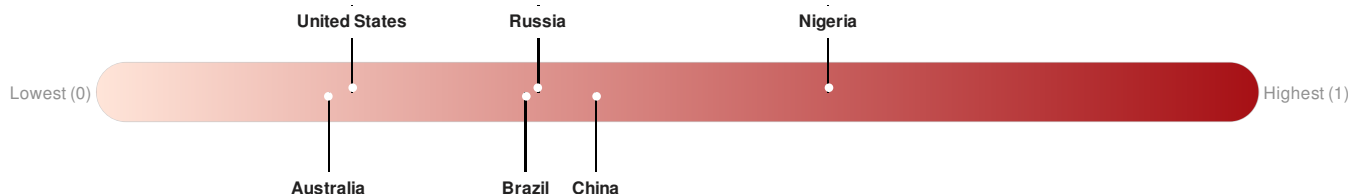
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		11-Nov-2018 13:21:10	Volcano - Langila, Papua New Guinea	-	-	-	-	5.53° S / 148.42° E

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.

There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.



Source: [PDC](#)

Regional Overview

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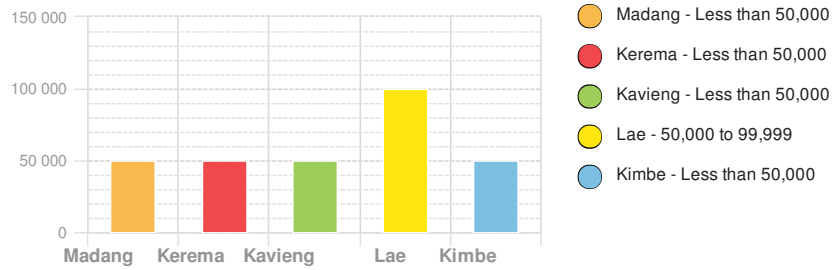
Population Data:

Populated Areas:

2011

Total: 1,582,440

Max Density: 21,296 (ppl/km²)



Source: [iSciences](#)

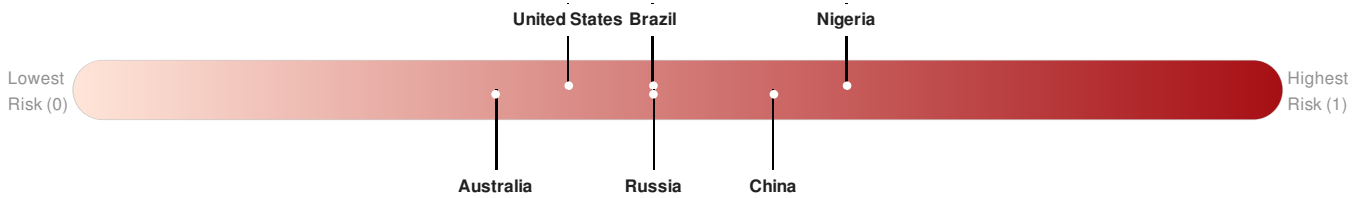
Risk & Vulnerability

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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

There was insufficient data to determine the Multi Hazard Risk Index score for **Papua New Guinea**.

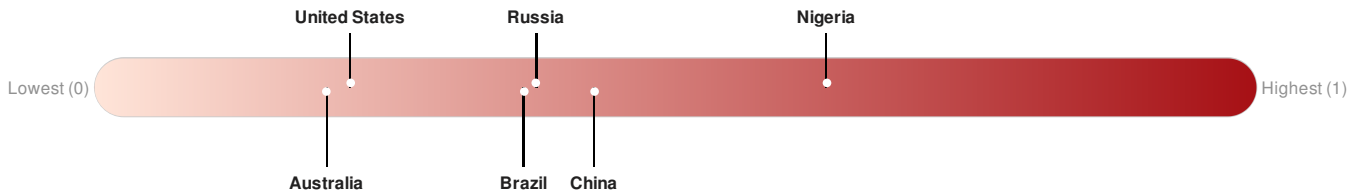


Source: [PDC](#)

Lack of Resilience Index:

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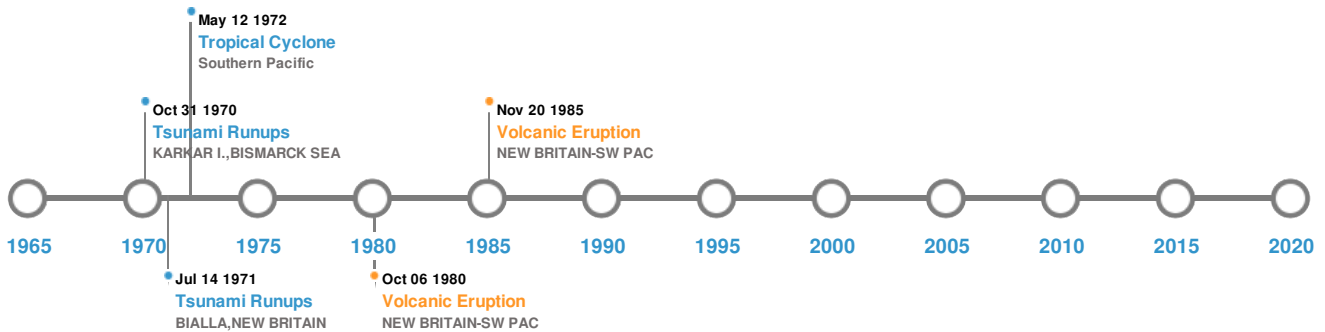


Source: [PDC](#)

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
	14-Sep-1906 00:16:00	8.10	33	PAPUA NEW GUINEA: NEW BRITAIN	7° S / 149° E
	01-Jan-1873 00:00:00	8.00	-	MACLAY COAST	5.5° S / 146° E
	17-Apr-1857 00:00:00	8.00	-	BISMARCK SEA	5.5° S / 147° E
	28-Dec-1945 00:17:00	7.80	60	PAPUA NEW GUINEA: NEW BRITAIN	6° S / 150° E
	11-Oct-1913 00:04:00	7.80	33	PAPUA NEW GUINEA	7° S / 148° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	LONG ISLAND	01-Jan-1700 00:00:00	6.00	NEW GUINEA-NE OF	5.36° S / 147.12° E
	RITTER ISLAND	24-Mar-1700 00:00:00	4.00	NEW GUINEA-NE OF	5.52° S / 148.12° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	KARKAR	20-Apr-1643 00:00:00	4.00	NEW GUINEA-NE OF	4.65° S / 145.96° E
	ULAWUN	20-Nov-1985 00:00:00	3.00	NEW BRITAIN-SW PAC	5.05° S / 151.33° E
	ULAWUN	06-Oct-1980 00:00:00	3.00	NEW BRITAIN-SW PAC	5.05° S / 151.33° E

Source: [Volcanoes](#)

Tsunami Runups:


5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	13-Mar-1888 00:00:00	PAPUA NEW GUINEA	15	-	TUPINIER ISLAND	5.42° S / 148.1° E
	13-Mar-1888 00:00:00	PAPUA NEW GUINEA	15	-	UMBOI ISLAND, BISMARCK SEA	5.6° S / 148° E
	31-Oct-1970 00:00:00	PAPUA NEW GUINEA	3	-	KARKAR I., BISMARCK SEA	4.63° S / 145.97° E
	14-Jul-1971 00:00:00	PAPUA NEW GUINEA	2	-	BIALLA, NEW BRITAIN	5.33° S / 151.01° E
	23-Dec-1930 00:00:00	PAPUA NEW GUINEA	2	-	KARKAR ISLAND, BISMARCK SEA	4.63° S / 145.97° 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
	1972-05-08	08-May-1972 06:00:00 - 12-May-1972 00:00:00	23	No Data	Southern Pacific	8.63° S / 152.8° 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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