



Region Selected » Lower Left Latitude/Longitude: -8.8965 N° , 151.7359 E°
 Upper Right Latitude/Longitude: -2.896499999999996 N° , 157.7359 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

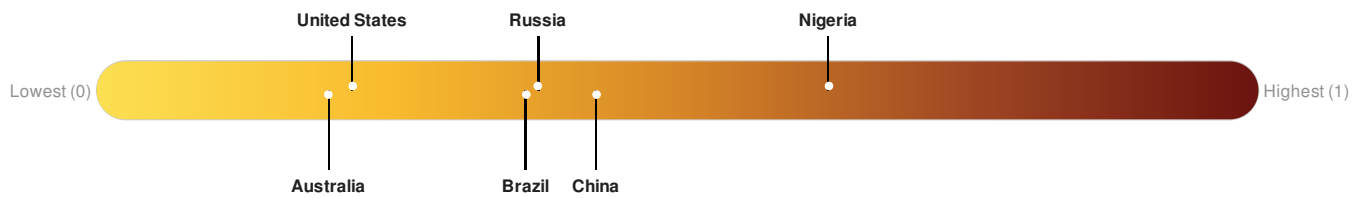
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		17-Dec-2017 19:17:12	5.2	156.32	95km WNW of Arawa, Papua New Guinea	5.9° S / 154.74° E

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**. There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is.**



Source: [PDC](#)

Regional Overview

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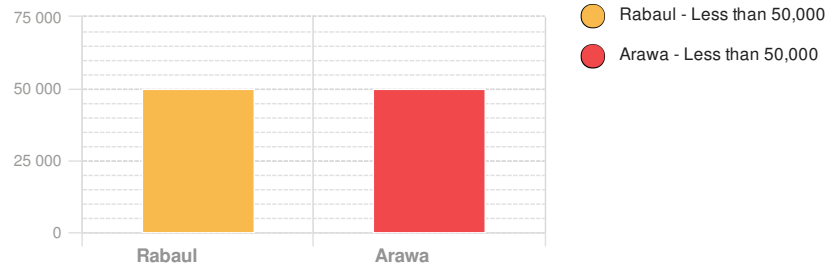
Population Data:

Populated Areas:

2011

Total: 516,541

Max Density: 16,120 (ppl/km²)



Source: [iSciences](#)

Risk & Vulnerability

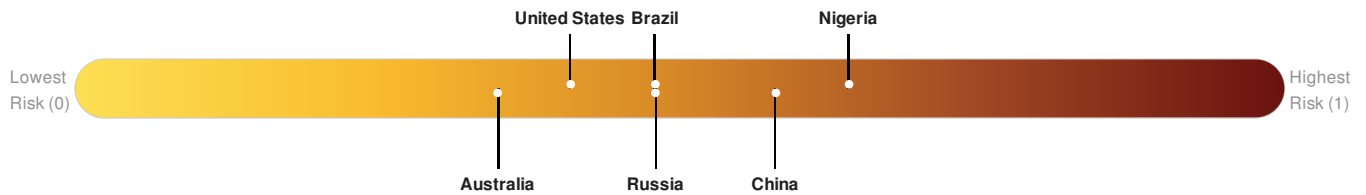
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Multi Hazard Risk Index:

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**.

There was insufficient data to determine the Multi Hazard Risk Index score for **Solomon Is.**

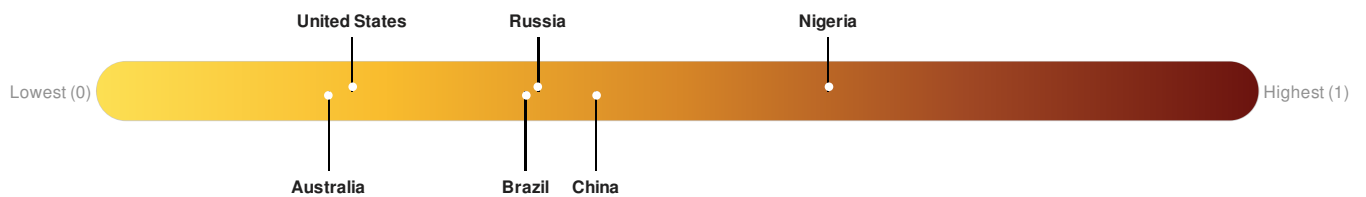


Source: [PDC](#)

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**. There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is.**

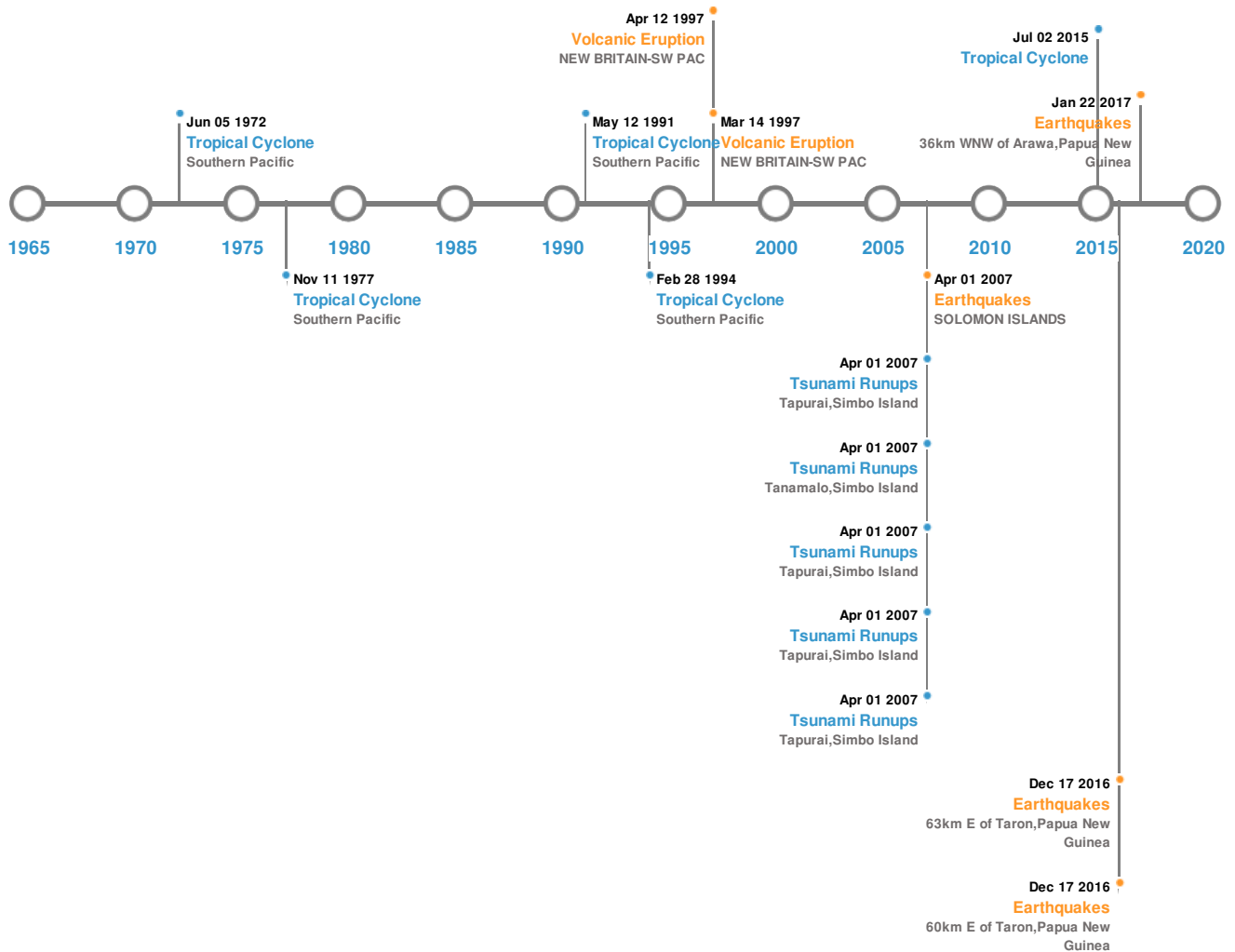


Source: [PDC](#)

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
	01-Apr-2007 00:20:00	8.10	24	SOLOMON ISLANDS	8.47° S / 157.04° E
	06-May-1919 00:19:00	8.10	25	PAPUA NEW GUINEA: SOLOMON ISLANDS	5° S / 154° E
	22-Jan-2017 04:30:24	8.00	167.5	36km WNW of Arawa, Papua New Guinea	6.08° S / 155.24° E
	17-Dec-2016 10:51:12	8.00	73	63km E of Taron, Papua New Guinea	4.5° S / 153.6° E
	17-Dec-2016 10:51:11	8.00	73.4	60km E of Taron, Papua New Guinea	4.47° S / 153.58° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	RABAU	01-Jan-0540 00:00:00	6.00	NEW BRITAIN-SW PAC	4.27° S / 152.2° E
	RABAU	14-Mar-1997 00:00:00	4.00	NEW BRITAIN-SW PAC	4.27° S / 152.2° E
	BAGANA	28-Feb-1952 00:00:00	4.00	BOUGAINVILLE-SW PAC	6.14° S / 155.2° E
	RABAU	29-May-1937 00:00:00	4.00	NEW BRITAIN-SW PAC	4.27° S / 152.2° E
	RABAU	12-Apr-1997 00:00:00	3.00	NEW BRITAIN-SW PAC	4.27° S / 152.2° E

Source: [Volcanoes](#)

Tsunami Runups:





5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	01-Apr-2007 00:00:00	SOLOMON ISLANDS	12.1	7	Tapurai, Simbo Island	8.25° S / 156.54° E
	01-Apr-2007 00:00:00	SOLOMON ISLANDS	9.55	-	Tapurai, Simbo Island	8.25° S / 156.54° E
	01-Apr-2007 00:00:00	SOLOMON ISLANDS	9.5	-	Tapurai, Simbo Island	8.25° S / 156.54° E
	01-Apr-2007 00:00:00	SOLOMON ISLANDS	8.64	-	Tanamalo, Simbo Island	8.26° S / 156.54° E
	01-Apr-2007 00:00:00	SOLOMON ISLANDS	8.55	-	Tapurai, Simbo Island	8.25° S / 156.54° 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
	1994-02-22	22-Feb-1994 06:00:00 - 28-Feb-1994 06:00:00	132	No Data	Southern Pacific	19.45° S / 164.95° E
	1991-05-07	07-May-1991 12:00:00 - 12-May-1991 06:00:00	92	No Data	Southern Pacific	12.94° S / 159.3° E
	RAQUEL	01-Jul-2015 00:00:00 - 02-Jul-2015 00:00:00	63	-	-	8.75° S / 157.1° E
	1972-05-29	30-May-1972 00:00:00 - 05-Jun-1972 06:00:00	58	No Data	Southern Pacific	16.27° S / 167.6° E
	1977-11-	06-Nov-1977 06:00:00 - 11-Nov-1977				

 Event	06 Name	18:00:00 Start/End Date(UTC)	58 Max Wind Speed (mph)	No Data Min Pressure (mb)	Southern Pacific Location	12.3° S / 156.65° E Lat/Long
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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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