



Region Selected » Lower Left Latitude/Longitude: -9.2137 N° , 152.1224 E°
 Upper Right Latitude/Longitude: -3.2137000000000002 N° , 158.1224 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
		22-Jan-2017 04:42:40	7.9	136	41km WNW of Panguna, Papua New Guinea	6.21° S / 155.12° E

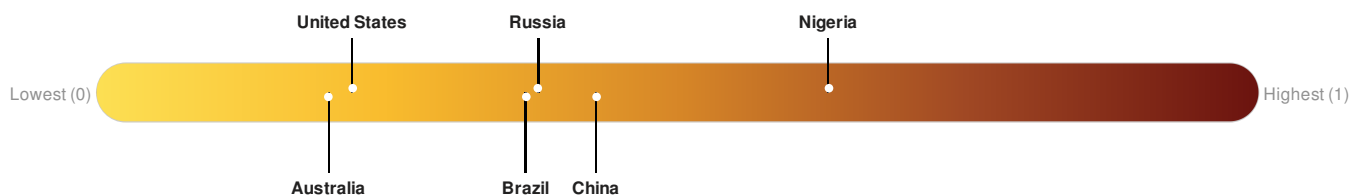
Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		22-Jan-2017 04:40:44	Tsunami Warning (Pacific Ocean) - Solomon Islands - 7.9	6.1° S / 155.2° E

Source: [PDC](#)

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. 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.**



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

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Source: [PDC](#)

Regional Overview

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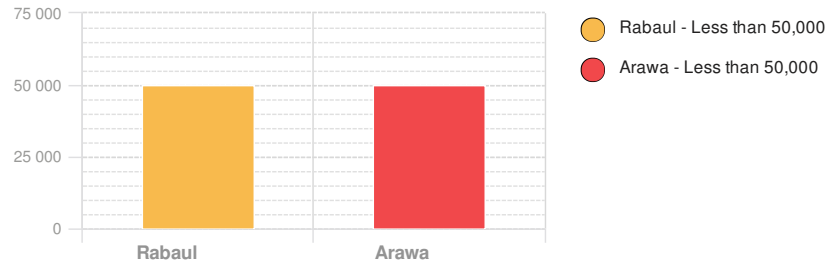
Population Data:

2011

Total: 476,807

Max Density: 16,120 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

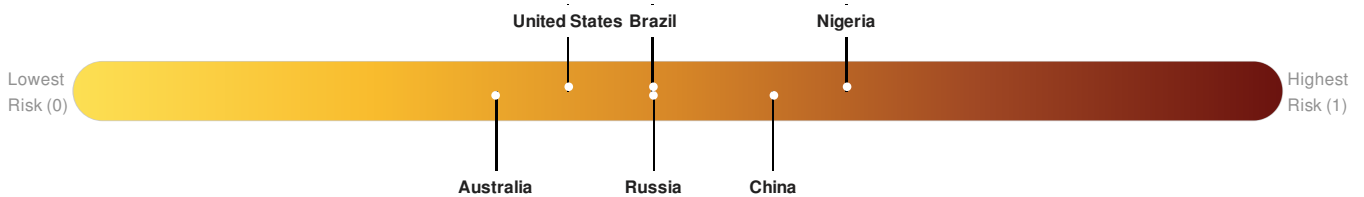
Risk & Vulnerability

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Multi Hazard Risk Index:

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

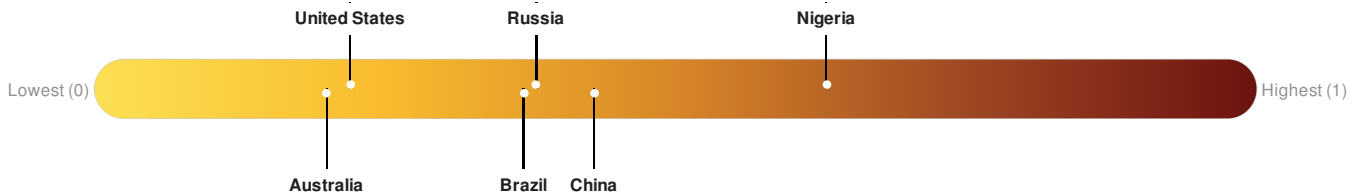
There was insufficient data to determine the Multi Hazard Risk Index score for **Solomon Is..**



Source: [PDC](#)

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. 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..**



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

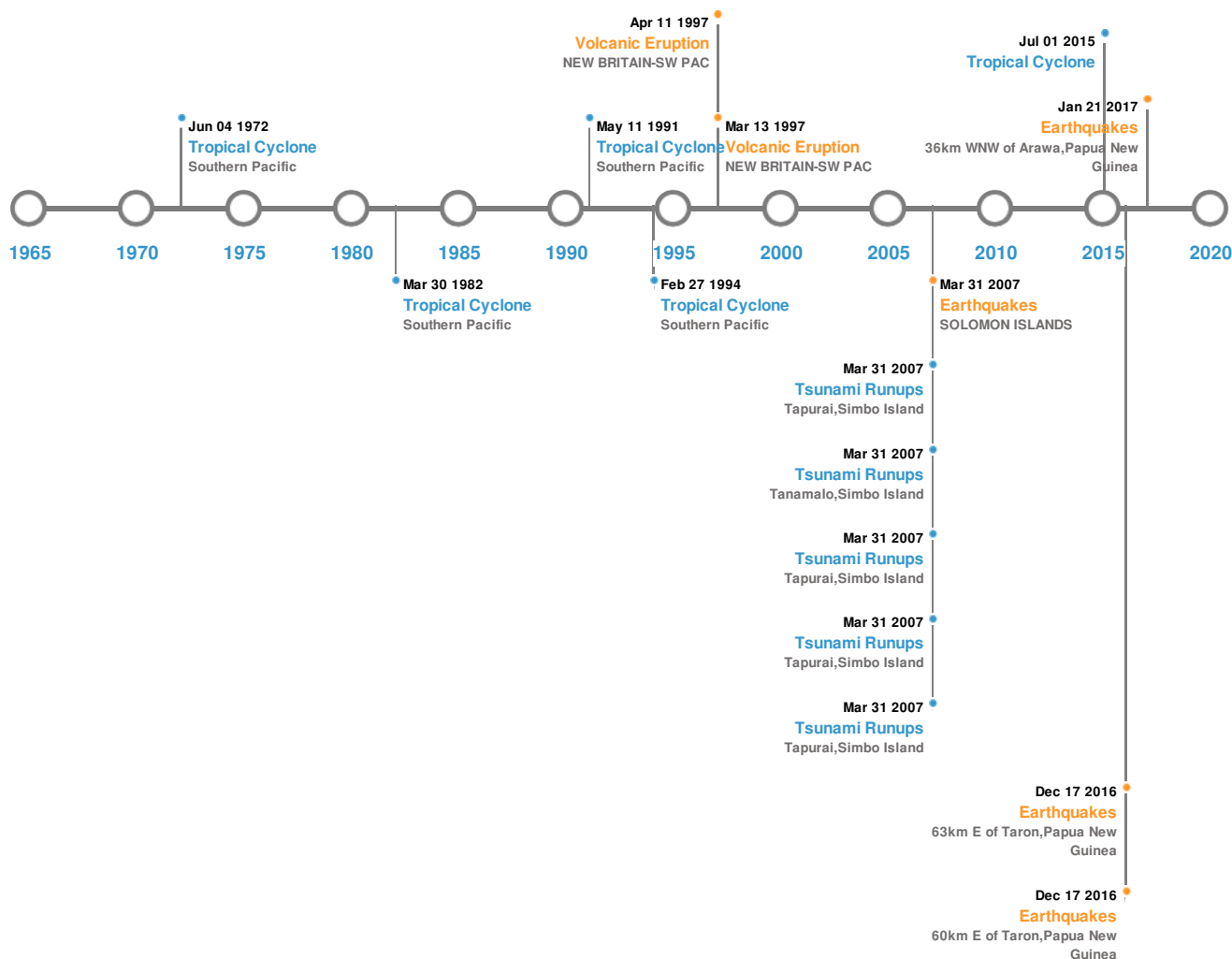
There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is..**

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
	RABAUL	01-Jan-0540 00:00:00	6.00	NEW BRITAIN-SW PAC	4.27° S / 152.2° E
	RABAUL	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
	RABAUL	29-May-1937 00:00:00	4.00	NEW BRITAIN-SW PAC	4.27° S / 152.2° E
	RABAUL	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
	1982-03-31	01-Apr-1982 00:00:00 - 09-Apr-1982 00:00:00	109	No Data	Southern Pacific	18.21° S / 166.7° 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	-	-	8.87° S / 156.5° 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

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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