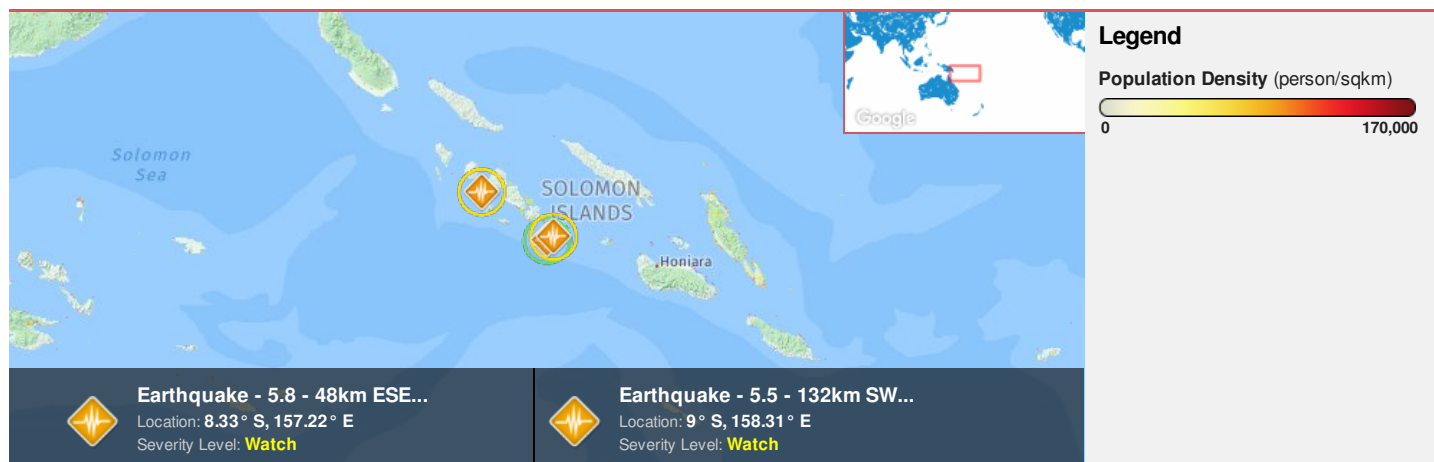




**Region Selected** » Lower Left Latitude/Longitude: -12.0604 N° , 155.2148 E°  
 Upper Right Latitude/Longitude: -6.0604 N° , 161.2148 E°



### 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

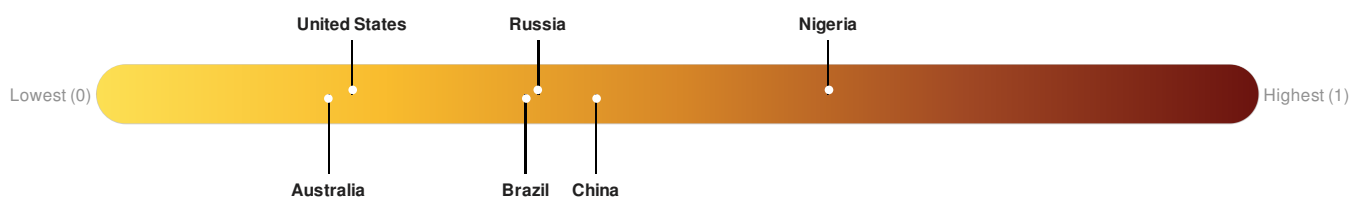
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		20-Sep-2018 07:05:30	5.1	10	143km SW of Dadali, Solomon Islands	9.06° S / 158.21° E
		20-Sep-2018 06:06:45	5.5	10	132km SW of Dadali, Solomon Islands	9° S / 158.31° E
		18-Sep-2018 12:19:24	5.8	10	48km ESE of Gizo, Solomon Islands	8.33° S / 157.22° 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

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.

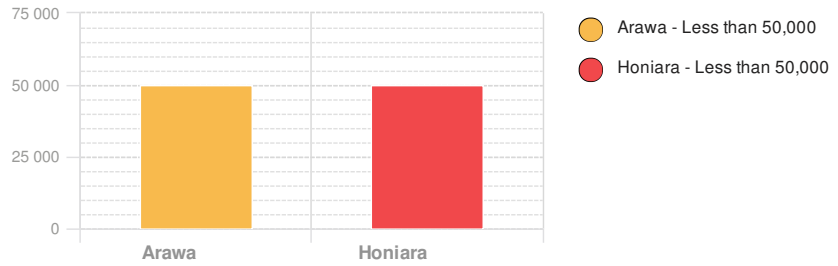
### Population Data:

2011

Total: 535,926

Max Density: 16,120 (ppl/km<sup>2</sup>)

### Populated Areas:



Source: [iSciences](#)

## Risk & Vulnerability

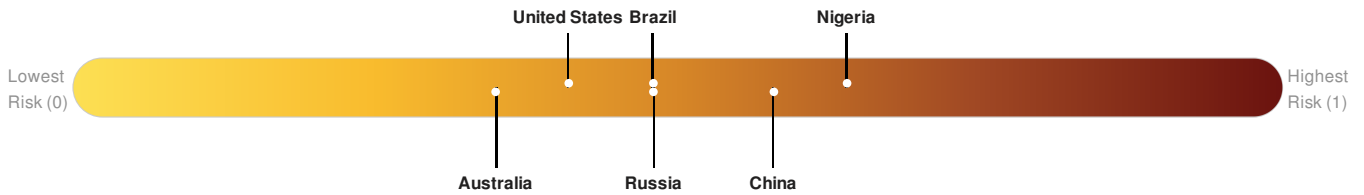
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

### 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.**

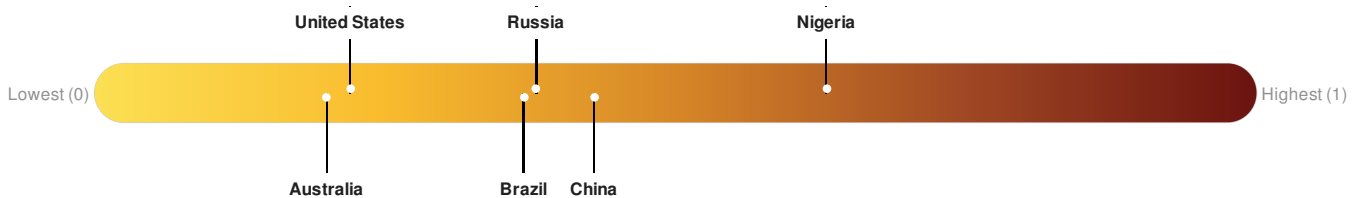


Source: [PDC](#)

### 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.**

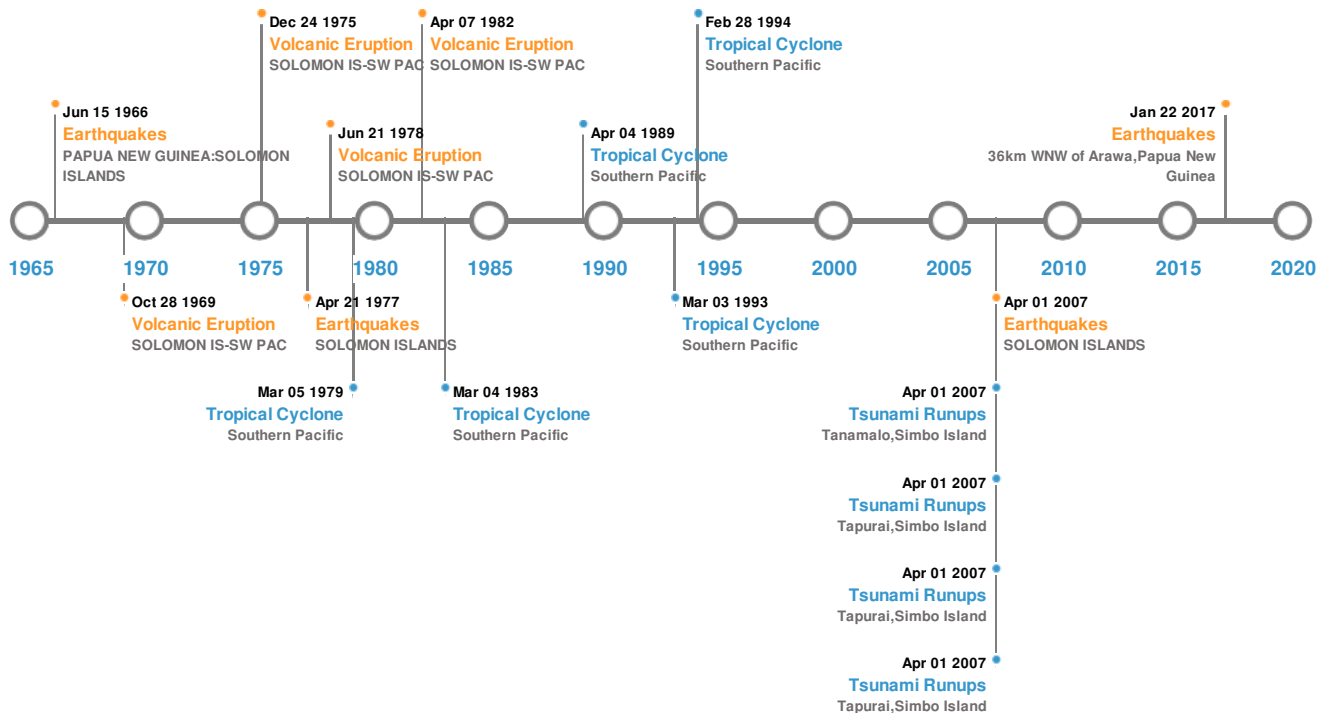


Source: [PDC](#)

## Historical Hazards

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.

### 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
	21-Apr-1977 00:04:00	8.10	33	SOLOMON ISLANDS	9.96° S / 160.73° E
	30-Apr-1939 00:02:00	8.10	50	PAPUA NEW GUINEA: SOLOMON ISLANDS	10.5° S / 158.5° E
	22-Jan-2017 04:30:24	8.00	167.5	36km WNW of Arawa, Papua New Guinea	6.08° S / 155.24° E
	15-Jun-1966 00:00:00	7.80	31	PAPUA NEW GUINEA: SOLOMON ISLANDS	10.4° S / 160.8° E

Source: [Earthquakes](#)

### Volcanic Eruptions:






#### 5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SAVO	01-Jan-1568 00:00:00	3.00	SOLOMON IS-SW PAC	9.13° S / 159.82° E
	KAVACHI	07-Apr-1982 00:00:00	2.00	SOLOMON IS-SW PAC	9.02° S / 157.95° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	KAVACHI	21-Jun-1978 00:00:00	2.00	SOLOMON IS-SW PAC	9.02° S / 157.95° E
	KAVACHI	24-Aug-1976 00:00:00	2.00	SOLOMON IS-SW PAC	9.02° S / 157.95° E
	KAVACHI	28-Oct-1969 00:00:00	2.00	SOLOMON IS-SW PAC	9.02° S / 157.95° 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
	30-Apr-1939 00:00:00	SOLOMON ISLANDS	10.5	-	BEAUFORT BAY, GUADALCANAL	9.8° S / 160° 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

Source: [Tsunamis](#)

## Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	1989-03-29	29-Mar-1989 18:00:00 - 04-Apr-1989 18:00:00	138	No Data	Southern Pacific	15.67° S / 151.6° E
	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
	1979-02-11	11-Feb-1979 06:00:00 - 05-Mar-1979 06:00:00	121	No Data	Southern Pacific	14.88° S / 109.15° E
	1983-02-11	11-Feb-1983 18:00:00 - 04-Mar-1983 06:00:00	115	No Data	Southern Pacific	16.96° S / 153.05° E
	1993-02-22	22-Feb-1993 12:00:00 - 03-Mar-1993 18:00:00	115	No Data	Southern Pacific	22.03° S / 167.95° 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.

