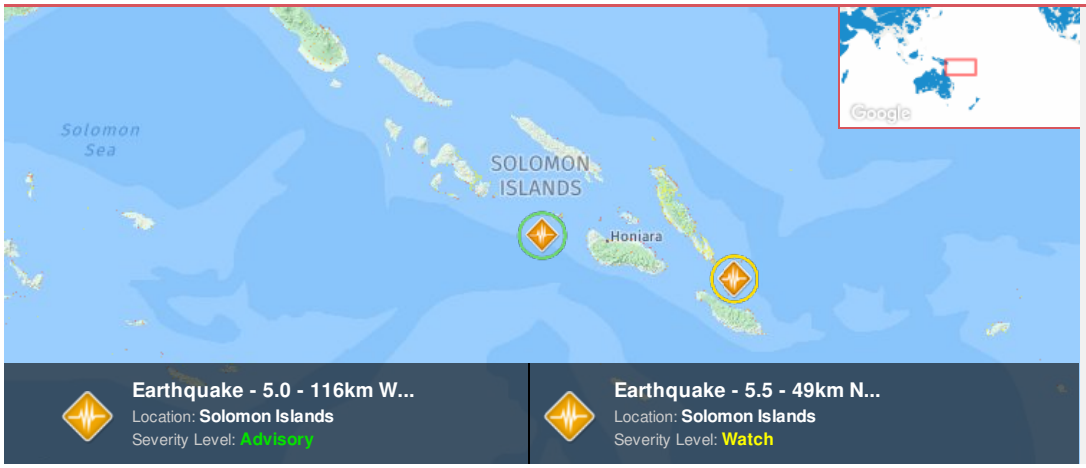
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 22:24:38 25 May 2017	WASH.D.C. 04:24:38 26 May 2017	ZULU 08:24:38 26 May 2017	NAIROBI 11:24:38 26 May 2017	BANGKOK 15:24:38 26 May 2017	GUADALCANAL 19:24:38 26 May 2017

Region Selected » Lower Left Latitude/Longitude: -12.361 N˚ , 155.9141 E˚
Upper Right Latitude/Longitude: -6.361000000000001 N˚ , 161.9141 E˚



Earthquake - 5.0 - 116km W...
Location: **Solomon Islands**
Severity Level: **Advisory**

Earthquake - 5.5 - 49km N...
Location: **Solomon Islands**
Severity Level: **Watch**

Legend

Population Density (person/sqkm)

0 — 170,000

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:

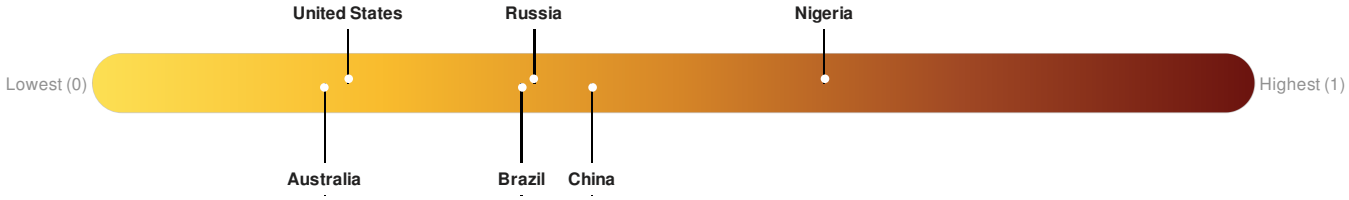
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		24-May-2017 11:29:38	5.5	54.79	49km N of Kirakira, Solomon Islands	10.02° S / 161.86° E
		19-May-2017 14:53:34	5	25.15	116km W of Honiara, Solomon Islands	9.36° S / 158.91° 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**.

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

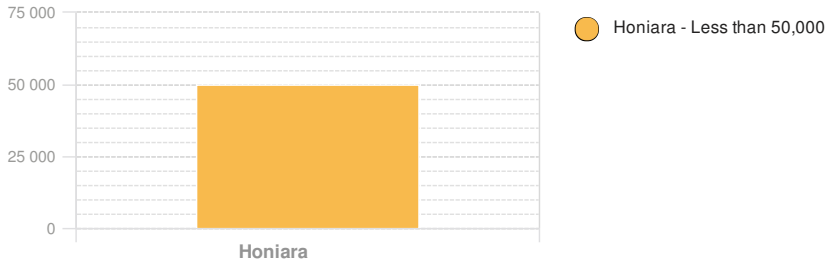
apply for access, please register here. Validation of registration information may take 24-48 hours.

Population Data:

2011

Total: 518, 837
Max Density: 14, 442(ppl/km^2)

Populated Areas:



Source: iSciences

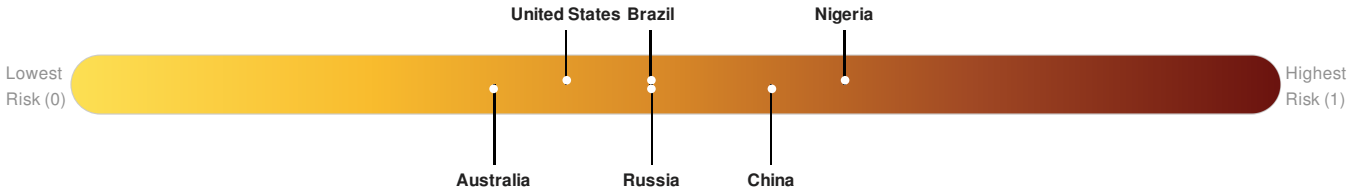
Risk & Vulnerability

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:

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

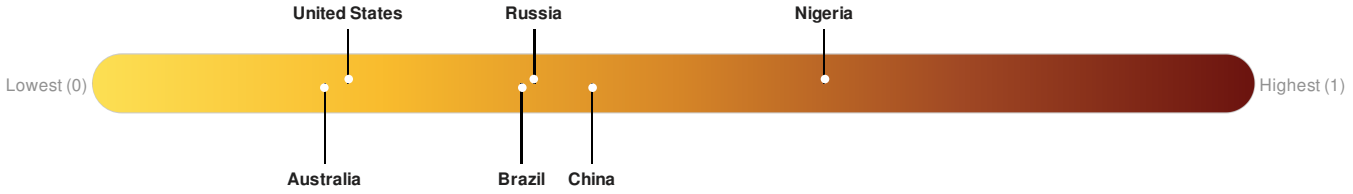
There was insufficient data to determine the Multi Hazard Risk Index score for **Solomon Is.**.



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**.

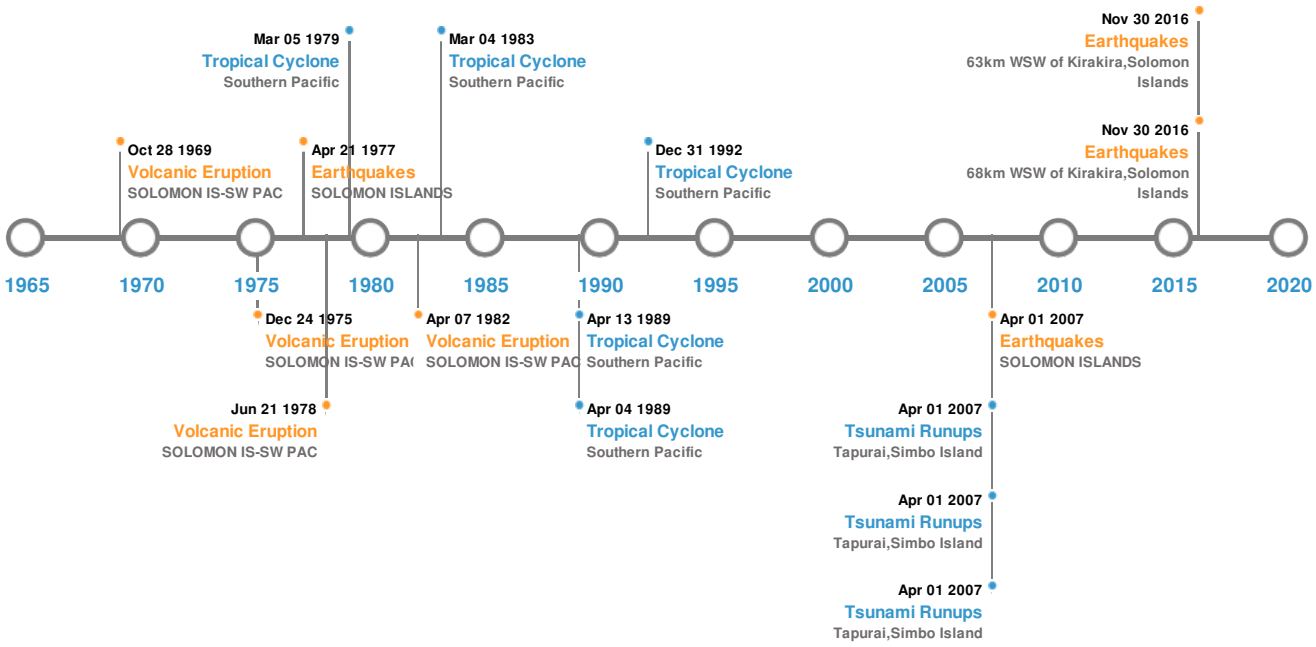
There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is.**.

Source: PDC

Historical Hazards

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
	08-Dec-2016 17:38:48	8.00	40	63km WSW of Kirakira, Solomon Islands	10.7° S / 161.4° E
	08-Dec-2016 17:38:47	8.00	40.3	68km WSW of Kirakira, Solomon Islands	10.74° S / 161.37° 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
	03-Oct-1931 00:00:00	SOLOMON ISLANDS	9	50	SAN CRISTOBAL ISLAND	10.6° S / 161.75° 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
	1992-12-23	23-Dec-1992 12:00:00 - 31-Dec-1992 18:00:00	138	No Data	Southern Pacific	11.45° S / 167.2° E
	1989-04-06	06-Apr-1989 06:00:00 - 13-Apr-1989 00:00:00	127	No Data	Southern Pacific	18.85° S / 164° 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

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.