Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 17:36:15 26 Mar 2017	WASH.D.C. 23:36:15 26 Mar 2017	ZULU 03:36:15 27 Mar 2017	NAIROBI 06:36:15 27 Mar 2017	BANGKOK 10:36:15 27 Mar 2017	GUADALCANAL 14:36:15 27 Mar 2017

Region Selected » Lower Left Latitude/Longitude: -14.543 N˚ , 158.8879 E˚
Upper Right Latitude/Longitude: -8.543 N˚ , 164.8879 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:

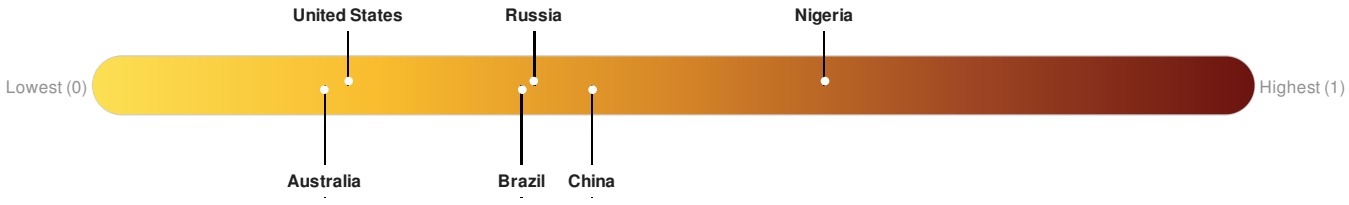
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		27-Mar-2017 03:32:59	5	10	Solomon Islands	11.54° S / 161.89° 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 **Solomon Is.**.



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

Source: PDC

Regional Overview

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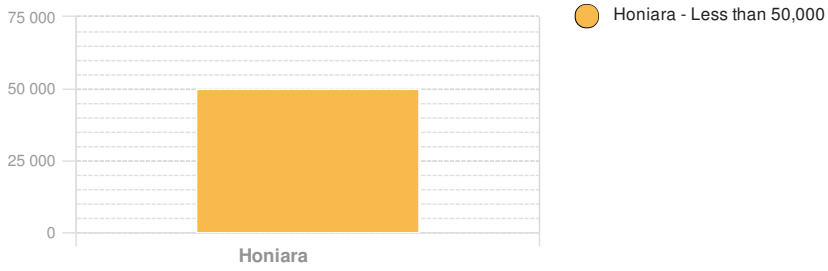
Population Data:

Populated Areas:

2011

Total: 370, 670
Max Density: 14, 442(ppl/km^2)

Source: iSciences



Risk & Vulnerability

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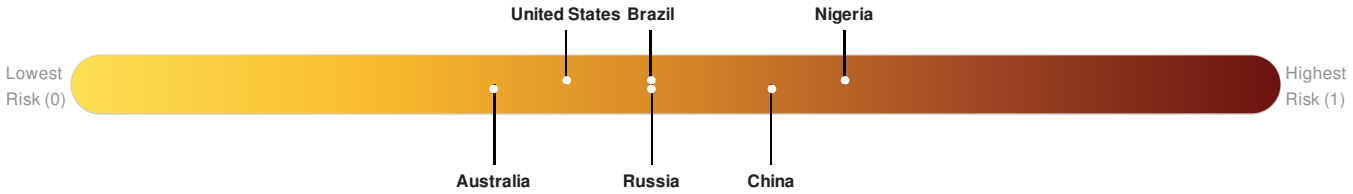
Multi Hazard Risk Index:

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



Source: PDC

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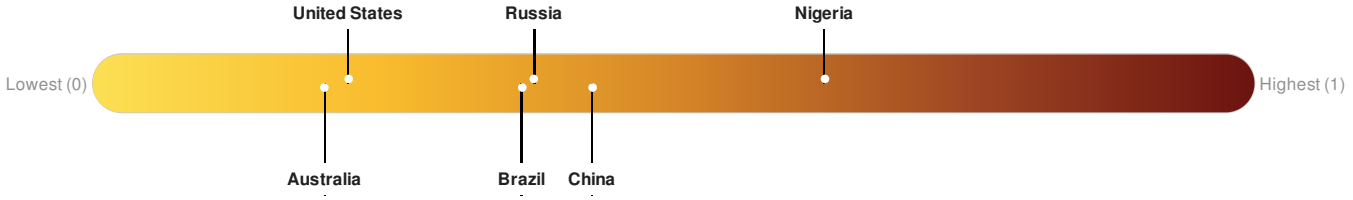

There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is.**.

Source: PDC

Historical Hazards

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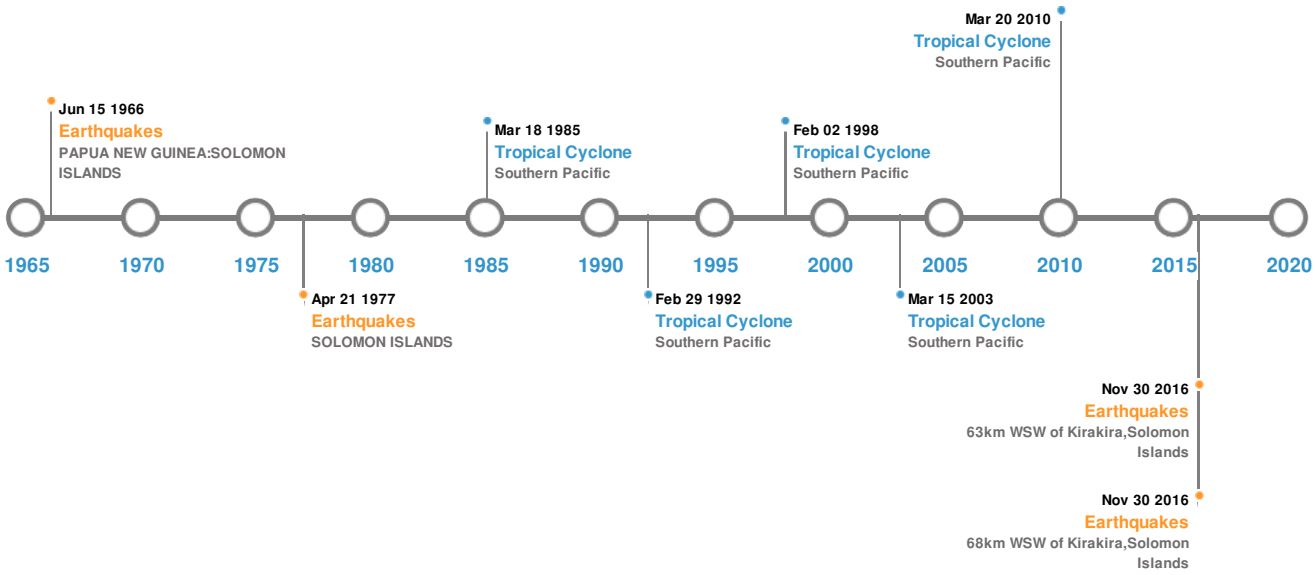
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	21-Apr-1977 00:04:00	8.10	33	SOLOMON ISLANDS	9.96° S / 160.73° 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
	03-Oct-1931 00:19:00	7.90	33	SOLOMON ISLANDS: SAN CRISTOBAL ISLAND	10.5° S / 161.75° 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

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	30-Apr-1939 00:00:00	SOLOMON ISLANDS	10.5	-	BEAUFORT BAY, GUADALCANAL	9.8° S / 160° E
	03-Oct-1931 00:00:00	SOLOMON ISLANDS	9	50	SAN CRISTOBAL ISLAND	10.6° S / 161.75° E
	18-Mar-1961 00:00:00	SOLOMON ISLANDS	3.6	-	SAN CRISTOBAL ISLAND	10.6° S / 161.75° E
	01-Nov-1957 00:00:00	SOLOMON ISLANDS	2.7	-	AFIO, NW MALAITA	9° S / 161° E
	01-Nov-1957 00:00:00	SOLOMON ISLANDS	2.7	-	FAUABU, NW MALAITA	8.57° S / 160.72° 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
	1998-01-01	01-Jan-1998 18:00:00 - 02-Feb-1998 00:00:00	167	No Data	Southern Pacific	18.6° S / 5.5° W
	ERICA	05-Mar-2003 00:00:00 - 15-Mar-2003 06:00:00	161	No Data	Southern Pacific	20.98° S / 166.4° E
	ULUI	11-Mar-2010 18:00:00 - 20-Mar-2010 06:00:00	161	No Data	Southern Pacific	16.86° S / 157.35° E
	1985-03-12	12-Mar-1985 06:00:00 - 18-Mar-1985 18:00:00	155	No Data	Southern Pacific	23.07° S / 0°
	1992-02-24	24-Feb-1992 12:00:00 - 08-Mar-1992 06:00:00	150	No Data	Southern Pacific	23.52° S / 127° 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.