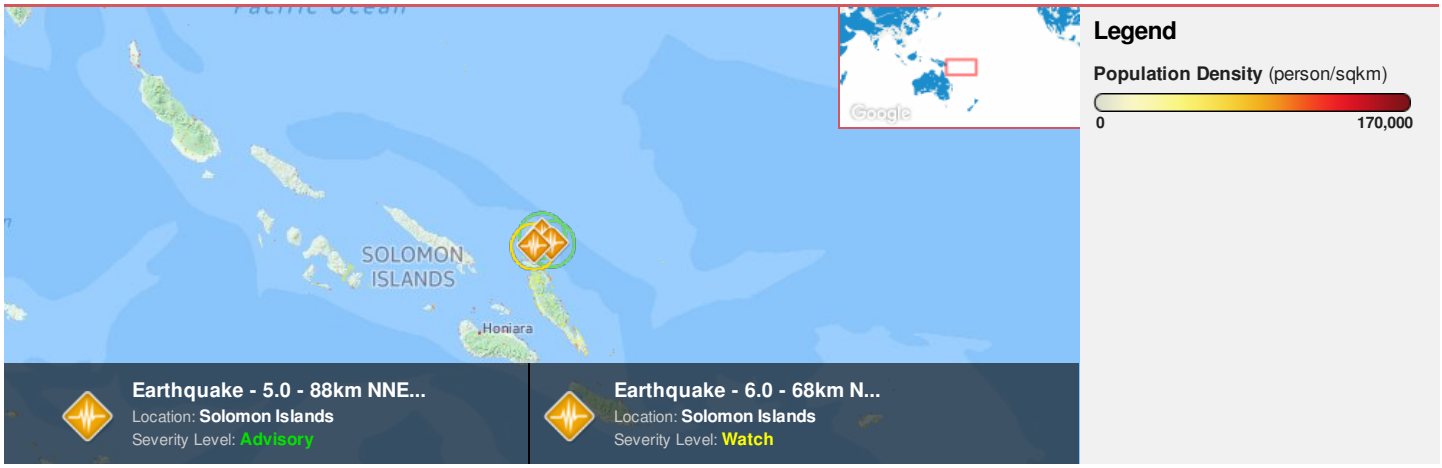
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	GUADALCANAL
	20:28:11 20 Mar 2017	02:28:11 21 Mar 2017	06:28:11 21 Mar 2017	09:28:11 21 Mar 2017	13:28:11 21 Mar 2017	17:28:11 21 Mar 2017

Region Selected » Lower Left Latitude/Longitude: -10.981300000000001 N˚ , 157.8627 E˚
Upper Right Latitude/Longitude: -4.9813 N˚ , 163.8627 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:

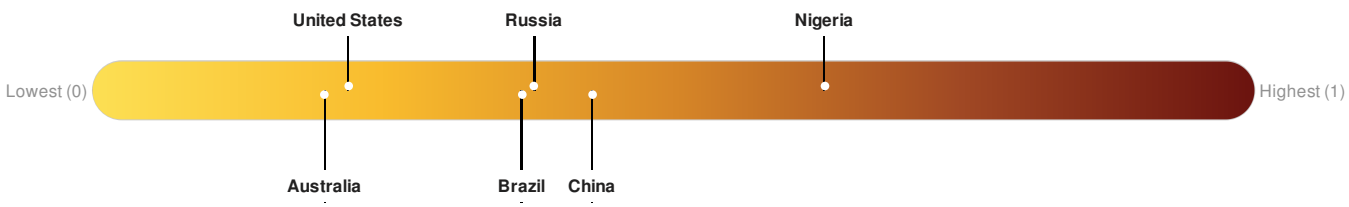
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		20-Mar-2017 04:46:36	5.2	10	80km NNE of Auki, Solomon Islands	8.11° S / 161.01° E
		19-Mar-2017 16:05:36	6	4.23	68km N of Auki, Solomon Islands	8.15° S / 160.74° E
		18-Mar-2017 01:17:40	5	35	88km NNE of Auki, Solomon Islands	7.98° S / 160.86° 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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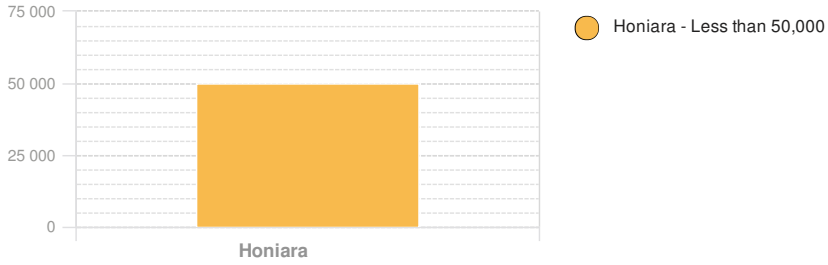
Population Data:

2011

Total: 444, 584
Max Density: 14, 442(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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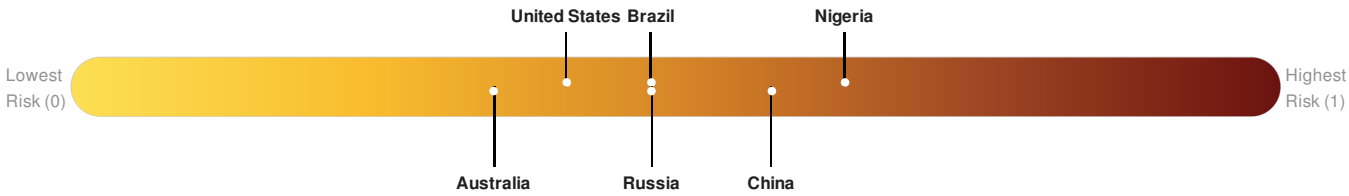
Multi Hazard Risk Index:

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



Source: PDC

Lack of Resilience Index:

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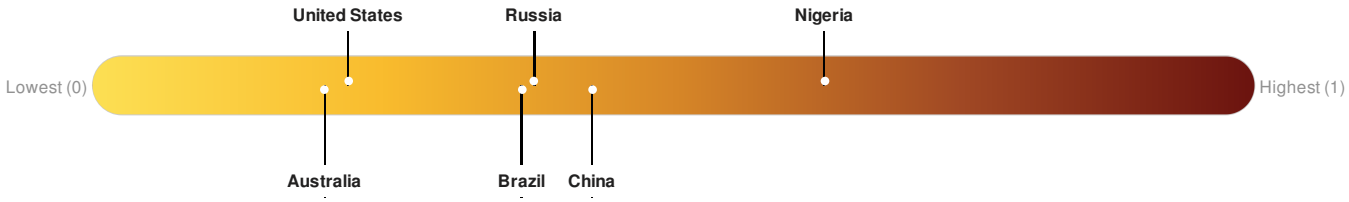

There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is.**.

Source: PDC

Historical Hazards

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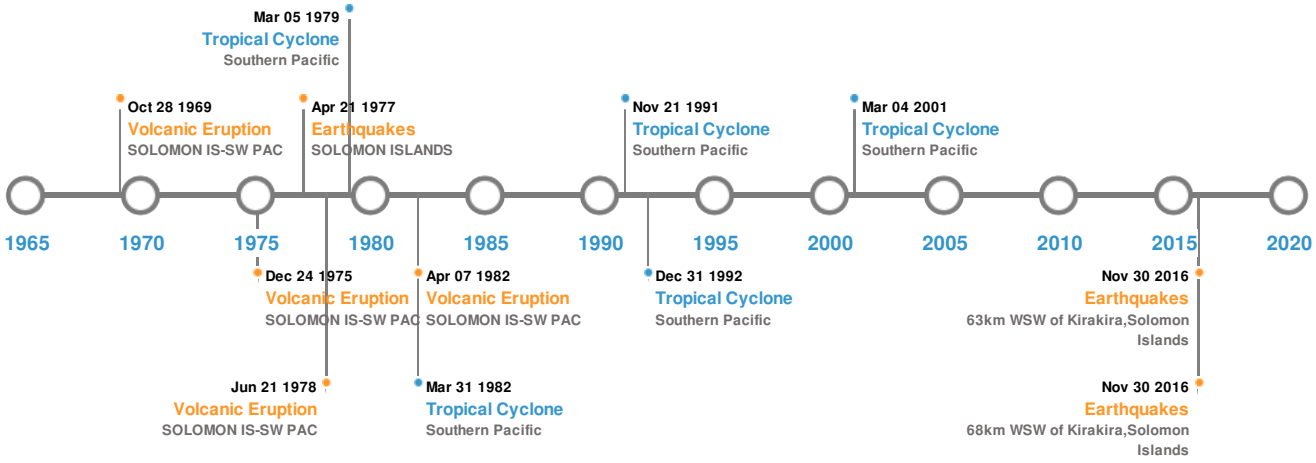
Historical Hazards:



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
	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
	03-Oct-1931 00:19:00	7.90	33	SOLOMON ISLANDS: SAN CRISTOBAL ISLAND	10.5° S / 161.75° 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
	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
	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
	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
	2001-02-25	25-Feb-2001 12:00:00 - 04-Mar-2001 12:00:00	121	No Data	Southern Pacific	20.39° S / 0°
	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
	1991-11-12	13-Nov-1991 00:00:00 - 21-Nov-1991 12:00:00	109	No Data	Southern Pacific	12.69° S / 167.1° 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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