



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:

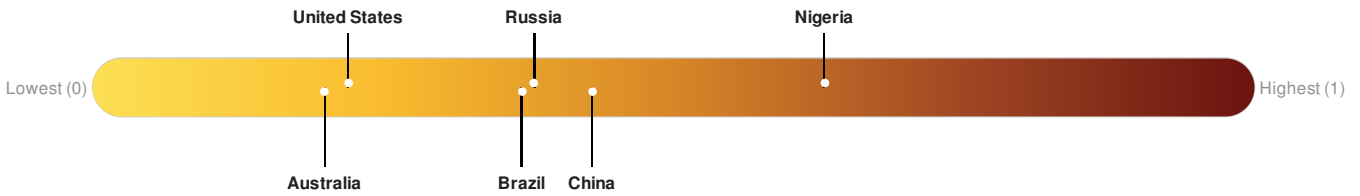
Recent Earthquakes

| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|--|---|----------------------|-----------|------------|---------------------------|----------------------|
|  |  | 01-Oct-2016 02:53:00 | 5.1 | 217.23 | 88km NNW of Sola, Vanuatu | 13.17° S / 167.18° 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 **Vanuatu**.



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 **Vanuatu**.

Source: [PDC](#)

Regional Overview

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Population Data:

Populated Areas:

Total: 114, 577

Max Density: 3, 042(ppl/km²)

Source: [iSciences](#)

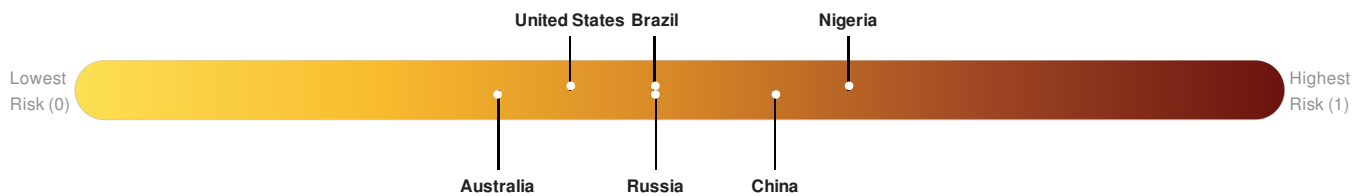
Risk & Vulnerability

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Multi Hazard Risk Index:

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

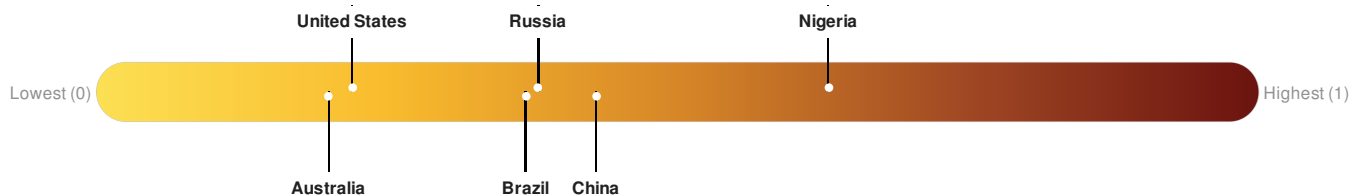
There was insufficient data to determine the Multi Hazard Risk Index score for **Vanuatu**.



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 **Vanuatu**.



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

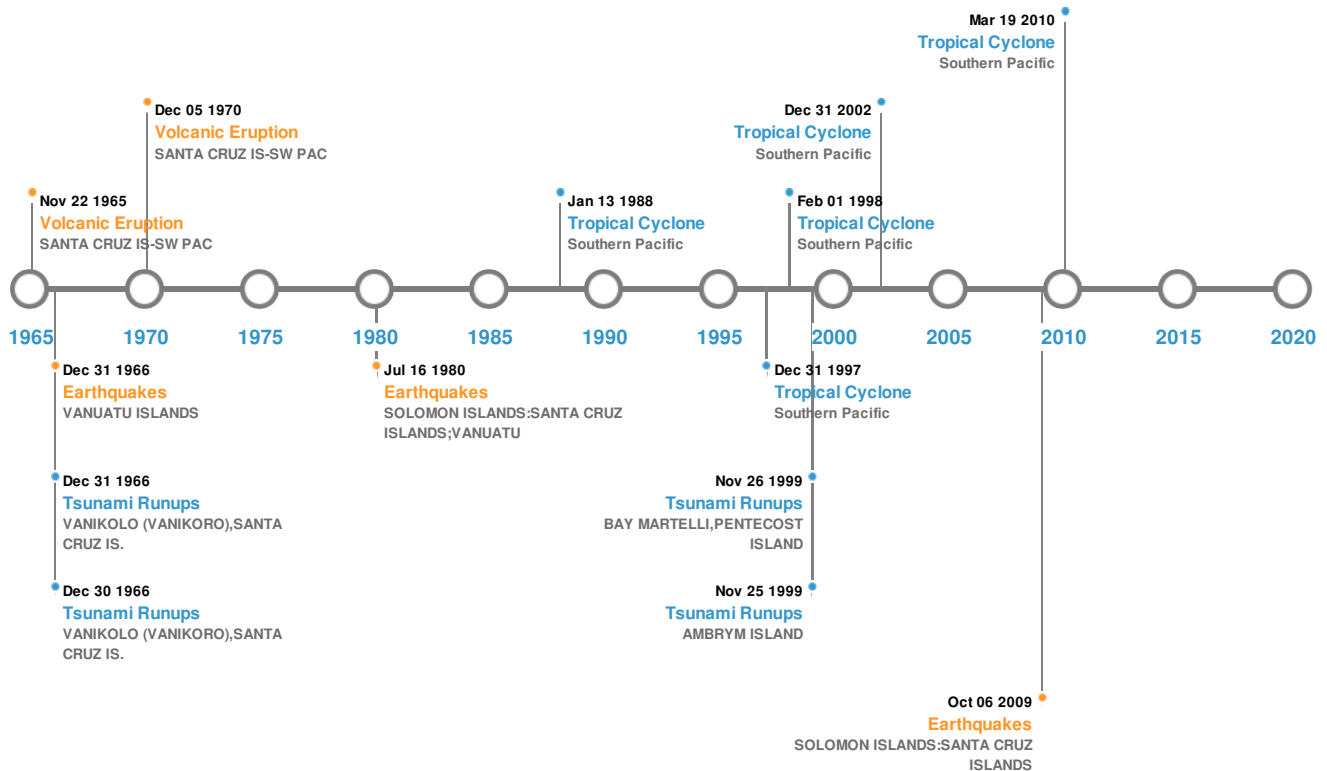
There was insufficient data to determine the Lack of Resilience Index score for **Vanuatu**.

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-Jan-1967 00:18:00 | 8.10 | 33 | VANUATU ISLANDS | 11.8° S / 166.5° E |
|  | 17-Jul-1980 00:19:00 | 7.90 | 33 | SOLOMON ISLANDS: SANTA CRUZ ISLANDS; VANUATU | 12.52° S / 165.92° E |
|  | 09-Nov-1910 00:06:00 | 7.90 | 70 | VANUATU ISLANDS: ESPIRITU SANTO | 16° S / 166° E |
|  | 07-Oct-2009 00:22:00 | 7.80 | 35 | SOLOMON ISLANDS: SANTA CRUZ ISLANDS | 12.52° S / 166.38° E |
|  | 17-Dec-1957 00:13:00 | 7.80 | 120 | SOLOMON ISLANDS: SANTA CRUZ ISLANDS | 12.3° S / 166.7° E |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|----------|----------------------|----------------------------|----------------------|---------------------|
|  | TINAKULA | 01-Jan-1595 00:00:00 | 4.00 | SANTA CRUZ IS-SW PAC | 10.38° S / 165.8° E |
|  | TINAKULA | 06-Sep-1971 00:00:00 | 3.00 | SANTA CRUZ IS-SW PAC | 10.38° S / 165.8° E |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|----------|----------------------|----------------------------|----------------------|---------------------|
|  | TINAKULA | 23-Nov-1965 00:00:00 | 3.00 | SANTA CRUZ IS-SW PAC | 10.38° S / 165.8° E |
|  | GAUA | 27-Sep-1965 00:00:00 | 3.00 | VANUATU-SW PACIFIC | 14.27° S / 167.5° E |
|  | TINAKULA | 23-Oct-1951 00:00:00 | 3.00 | SANTA CRUZ IS-SW PAC | 10.38° S / 165.8° E |

Source: [Volcanoes](#)

Tsunami Runups:






5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|--|----------------------|-----------------|-----------|--------|-------------------------------------|----------------------|
|  | 26-Nov-1999 13:31:00 | VANUATU | 6.6 | 5 | BAY MARTELLI, PENTECOST ISLAND | 16.02° S / 168.22° E |
|  | 26-Nov-1999 00:00:00 | VANUATU | 3.6 | - | AMBRYM ISLAND | 16.12° S / 168.19° E |
|  | 01-Jan-1967 00:00:00 | SOLOMON ISLANDS | 2 | - | VANIKOLO (VANIKORO), SANTA CRUZ IS. | 11.62° S / 166.97° E |
|  | 31-Dec-1966 00:00:00 | SOLOMON ISLANDS | 2 | - | VANIKOLO (VANIKORO), SANTA CRUZ IS. | 11.62° S / 166.97° E |
|  | 13-Aug-1965 00:00:00 | VANUATU | 2 | - | ESPIRITU SANTO ISLAND | 15.25° S / 168.83° 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 |
|---|------------|---|----------------------|-------------------|------------------|----------------------|
|  | ZOE | 26-Dec-2002 00:00:00 - 31-Dec-2002 12:00:00 | 178 | No Data | Southern Pacific | 14.83° S / 173.45° E |
|  | 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 |
|  | ULUI | 11-Mar-2010 18:00:00 - 20-Mar-2010 06:00:00 | 161 | No Data | Southern Pacific | 16.86° S / 157.35° E |
|  | 1988-01-06 | 06-Jan-1988 06:00:00 - 13-Jan-1988 18:00:00 | 161 | No Data | Southern Pacific | 14.28° S / 0° |
|  | 1997-12-20 | 01-Jan-1998 00:00:00 - 09-Jan-1998 12:00:00 | 161 | No Data | Southern Pacific | 22.67° S / 0° |

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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