

Region Selected » Lower Left Latitude/Longitude: -7.7155 N° , 150.1534 E°
 Upper Right Latitude/Longitude: -1.715499999999996 N° , 156.1534 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 |
|--|---|----------------------|-----------|------------|-------------------------------------|---------------------|
|  |  | 28-Oct-2016 05:48:49 | 5.7 | 61.04 | 30km SSE of Taron, Papua New Guinea | 4.72° S / 153.15° E |

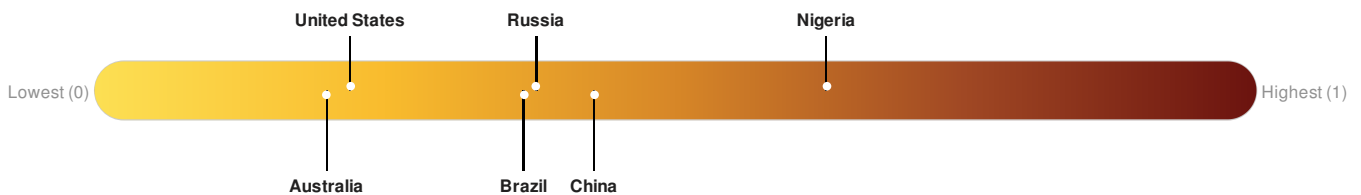
Active Volcanoes

| Event | Severity | Last Updated (UTC) | Name | Region | Primary Observatory | Activity | More Information | Lat/Long |
|--|---|----------------------|------------------------------------|------------------|---------------------|--------------|---------------------------|---------------------|
|  |  | 18-Feb-2010 00:05:02 | Volcano - Ulawun, Papua New Guinea | Papua New Guinea | - | New Activity | more info | 5.05° S / 151.33° 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

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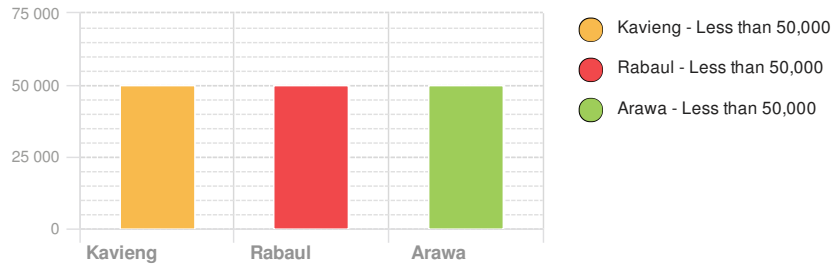
Population Data:

2011

Total: 611,051

Max Density: 16,120 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

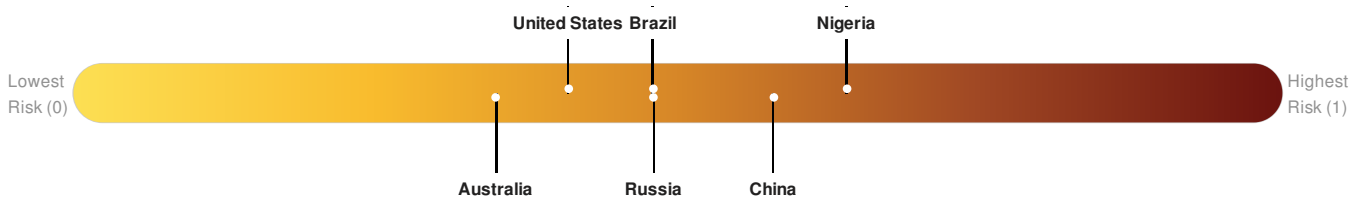
Risk & Vulnerability

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Multi Hazard Risk Index:

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

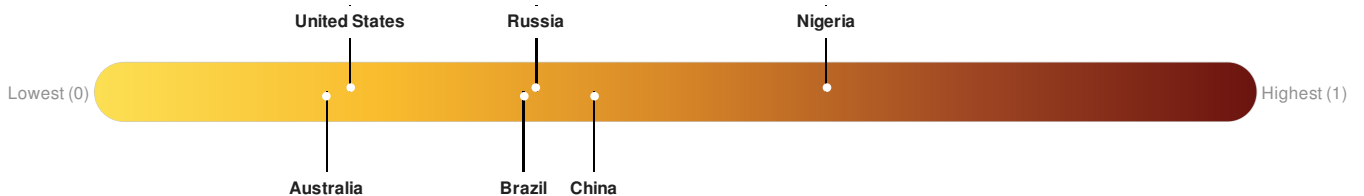
There was insufficient data to determine the Multi Hazard Risk Index score for **Solomon Is.**



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**.

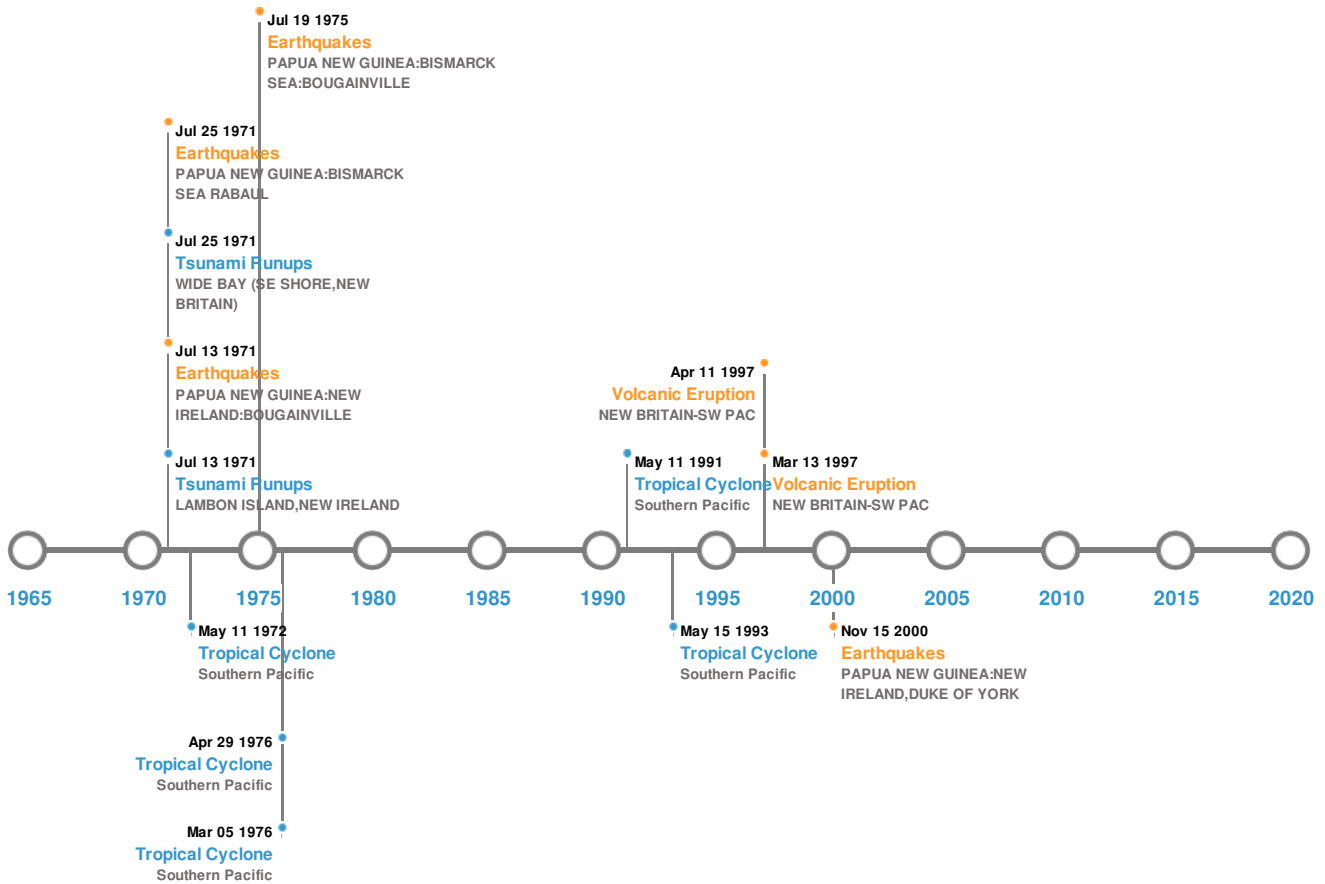
There was insufficient data to determine the Lack of Resilience Index score for **Solomon Is.**

Source: [PDC](#)

Historical Hazards

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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 |
|---|----------------------|-----------|------------|--|---------------------|
|  | 06-May-1919 00:19:00 | 8.10 | 25 | PAPUA NEW GUINEA: SOLOMON ISLANDS | 5° S / 154° E |
|  | 16-Nov-2000 00:04:00 | 8.00 | 33 | PAPUA NEW GUINEA: NEW IRELAND, DUKE OF YORK | 3.98° S / 152.17° E |
|  | 20-Jul-1975 00:14:00 | 7.90 | 49 | PAPUA NEW GUINEA: BISMARCK SEA: BOUGAINVILLE | 6.59° S / 155.05° E |
|  | 26-Jul-1971 00:01:00 | 7.90 | 48 | PAPUA NEW GUINEA: BISMARCK SEA RABAUL | 4.9° S / 153.2° E |
|  | 14-Jul-1971 00:06:00 | 7.90 | 47 | PAPUA NEW GUINEA: NEW IRELAND: BOUGAINVILLE | 5.5° S / 153.9° E |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|--------|----------------------|----------------------------|---------------------|--------------------|
|  | RABAUL | 01-Jan-0540 00:00:00 | 6.00 | NEW BRITAIN-SW PAC | 4.27° S / 152.2° E |
|  | RABAUL | 14-Mar-1997 00:00:00 | 4.00 | NEW BRITAIN-SW PAC | 4.27° S / 152.2° E |
|  | BAGANA | 28-Feb-1952 00:00:00 | 4.00 | BOUGAINVILLE-SW PAC | 6.14° S / 155.2° E |
|  | RABAUL | 29-May-1937 00:00:00 | 4.00 | NEW BRITAIN-SW PAC | 4.27° S / 152.2° E |
|  | RABAUL | 12-Apr-1997 00:00:00 | 3.00 | NEW BRITAIN-SW PAC | 4.27° S / 152.2° E |

Source: [Volcanoes](#)

Tsunami Runups:






5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|---|----------------------|------------------|-----------|--------|----------------------------------|---------------------|
|  | 13-Mar-1888 00:00:00 | PAPUA NEW GUINEA | 10.5 | - | KELANOA, BISMARCK SEA | 3° S / 151.5° E |
|  | 26-Jul-1971 00:00:00 | PAPUA NEW GUINEA | 8 | - | WIDE BAY (SE SHORE, NEW BRITAIN) | 5.08° S / 152.08° E |
|  | 14-Jul-1971 00:00:00 | PAPUA NEW GUINEA | 6 | - | LAMBON ISLAND, NEW IRELAND | 4.8° S / 152.83° E |
|  | 01-Jan-1916 00:00:00 | PAPUA NEW GUINEA | 4.5 | - | RABAUL, NEW BRITAIN | 4.22° S / 152.18° E |
|  | 13-Mar-1888 00:00:00 | PAPUA NEW GUINEA | 4.5 | - | RABAUL, NEW BRITAIN | 4.22° S / 152.18° 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 |
|---|------------|---|----------------------|-------------------|------------------|---------------------|
|  | 1991-05-07 | 07-May-1991 12:00:00 - 12-May-1991 06:00:00 | 92 | No Data | Southern Pacific | 12.94° S / 159.3° E |
|  | 1993-05-11 | 11-May-1993 12:00:00 - 16-May-1993 06:00:00 | 52 | No Data | Southern Pacific | 7.73° S / 150.95° E |
|  | 1972-05-08 | 08-May-1972 06:00:00 - 12-May-1972 00:00:00 | 23 | No Data | Southern Pacific | 8.63° S / 152.8° E |
|  | 1976-02-24 | 24-Feb-1976 06:00:00 - 05-Mar-1976 18:00:00 | No Data | No Data | Southern Pacific | 23.22° S / 156.4° E |
|  | 1976-04-22 | 22-Apr-1976 06:00:00 - 29-Apr-1976 18:00:00 | No Data | No Data | Southern Pacific | 19.4° S / 159.7° 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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