





Region Selected » Lower Left Latitude/Longitude: -9.0684 N° , 139.7678 E°
Upper Right Latitude/Longitude: -3.068399999999996 N° , 145.7678 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-Feb-2018 03:03:18 | 6.1 | 16 | 111km SW of Porgera, Papua New Guinea | 6.18° S / 142.49° E |
|  |  | 27-Feb-2018 20:31:44 | 5.2 | 10 | 91km W of Mendi, Papua New Guinea | 6.22° S / 142.83° E |

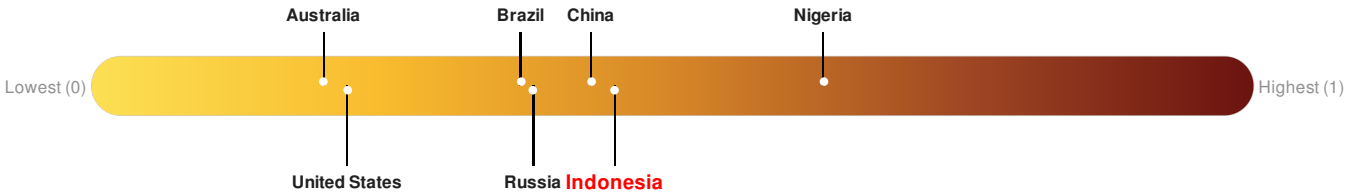
Source: [PDC](#)

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Indonesia ranks **71** out of **165** countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.



Source: [PDC](#)

Regional Overview

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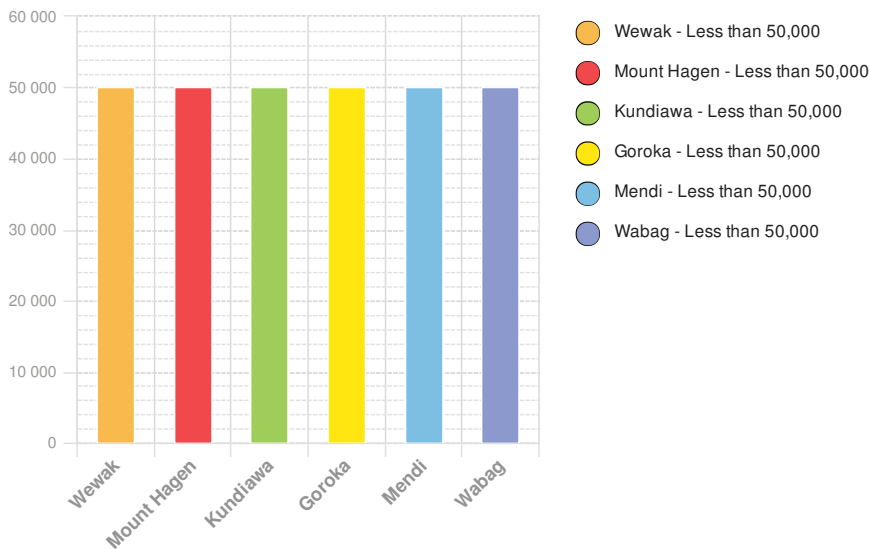
Population Data:

2011

Total: 3,684,637
Max Density: 17,907 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



Risk & Vulnerability

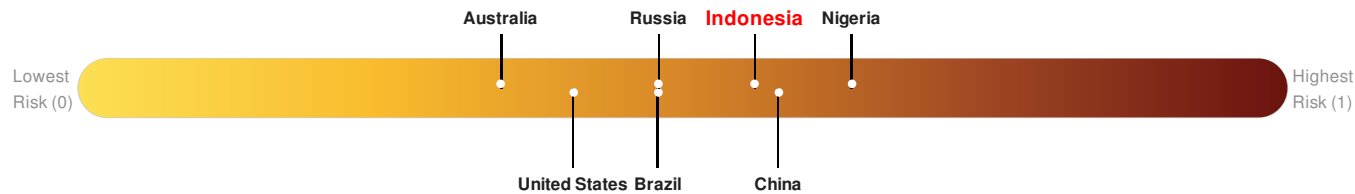
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Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **Indonesia** ranks **40** out of **165** countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Indonesia has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

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



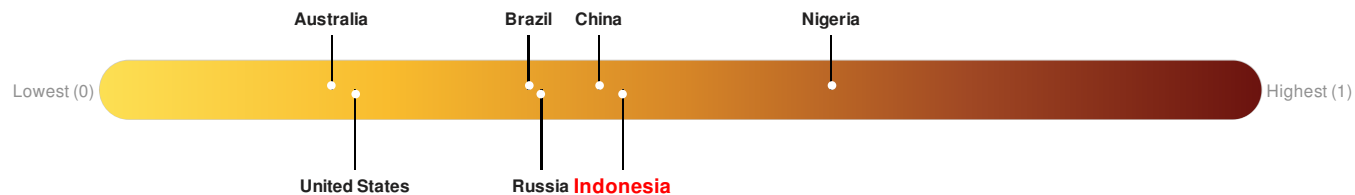
Source: [PDC](#)

Lack of Resilience Index:

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Indonesia ranks **71** out of **165** countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.

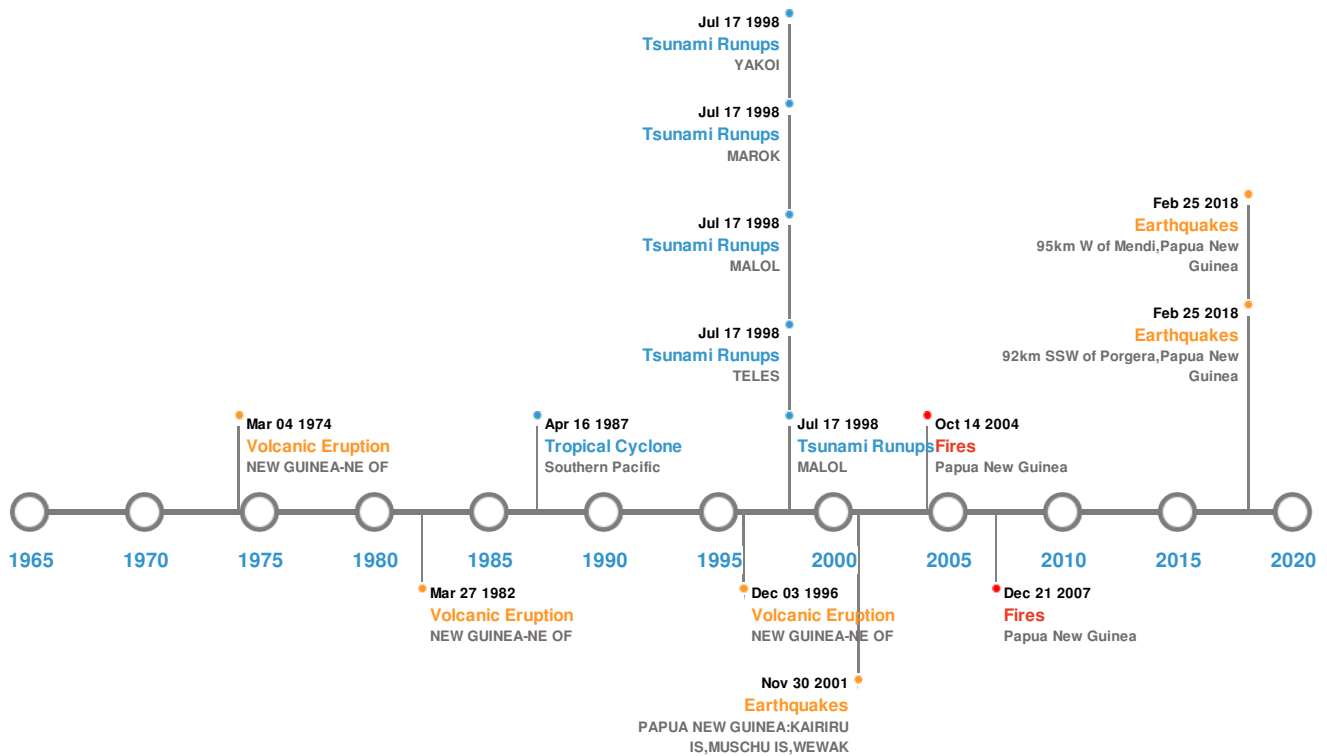


Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|--|---------------------|
|  | 20-Sep-1935 00:01:00 | 7.90 | 60 | PAPUA NEW GUINEA: N-CENTRAL | 3.5° S / 141.8° E |
|  | 07-Oct-1900 00:21:00 | 7.80 | 33 | NW. IRIAN JAYA, INDONESIA | 4° S / 140° E |
|  | 25-Feb-2018 17:44:42 | 7.60 | 10 | 95km W of Mendi, Papua New Guinea | 6.24° S / 142.79° E |
|  | 25-Feb-2018 17:44:39 | 7.60 | 10 | 92km SSW of Porgera, Papua New Guinea | 6.2° S / 142.8° E |
|  | 08-Sep-2002 00:18:00 | 7.60 | 13 | PAPUA NEW GUINEA: KAIRIRU IS, MUSCHU IS, WEWAK | 3.3° S / 142.95° E |

Source: [Earthquakes](#)

Volcanic Eruptions:



5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|-------|----------------------|----------------------------|------------------|--------------------|
|  | MANAM | 11-Aug-1919 00:00:00 | 4.00 | NEW GUINEA-NE OF | 4.1° S / 145.06° E |
| | | | | | |

| Event | MANAM Name | 03-Dec-1998 00:00:00 Date (UTC) | 3.00 Volcanic Explosivity Index | NEW GUINEA-NE OF Location | 4.1° S / 145.06° E Lat/Long |
|---|------------|------------------------------------|------------------------------------|------------------------------|--------------------------------|
|  | MANAM | 27-Mar-1982 00:00:00 | 3.00 | NEW GUINEA-NE OF | 4.1° S / 145.06° E |
|  | MANAM | 04-Mar-1974 00:00:00 | 3.00 | NEW GUINEA-NE OF | 4.1° S / 145.06° E |
|  | MANAM | 01-Jan-1964 00:00:00 | 3.00 | NEW GUINEA-NE OF | 4.1° S / 145.06° E |

Source: [Volcanoes](#)

Tsunami Runups:

| 5 Largest Tsunami Runups | | | | | | |
|---|----------------------|------------------|-----------|--------|----------|---------------------|
| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|  | 17-Jul-1998 00:00:00 | PAPUA NEW GUINEA | 11.89 | 95 | MALOL | 3.1° S / 142.18° E |
|  | 17-Jul-1998 00:00:00 | PAPUA NEW GUINEA | 10 | 5 | TELES | 3.12° S / 142.27° E |
|  | 17-Jul-1998 00:00:00 | PAPUA NEW GUINEA | 9.43 | - | MALOL | 3.08° S / 142.16° E |
|  | 17-Jul-1998 00:00:00 | PAPUA NEW GUINEA | 7.39 | - | MAROK | 3.12° S / 142.28° E |
|  | 17-Jul-1998 00:00:00 | PAPUA NEW GUINEA | 7.2 | 2 | YAKOI | 3.13° S / 142.34° E |


Source: [Tsunamis](#)

Wildfires:

| 5 Largest Wildfires | | | | |
|---|---|----------------|------------------|---------------------|
| Event | Start/End Date(UTC) | Size (sq. km.) | Location | Mean Lat/Long |
|  | 17-Jun-2004 00:00:00 - 14-Oct-2004 00:00:00 | 14.70 | Papua New Guinea | 4.33° S / 143.64° E |
|  | 09-Aug-2008 13:20:00 - 21-Aug-2008 04:20:00 | 12.70 | Papua New Guinea | 4.28° S / 143.47° E |

Source: [Wildfires](#)

Tropical Cyclones:

| 5 Largest Tropical Cyclones | | | | | | |
|---|------------|---|----------------------|-------------------|------------------|----------------------|
| Event | Name | Start/End Date(UTC) | Max Wind Speed (mph) | Min Pressure (mb) | Location | Lat/Long |
|  | 1987-04-06 | 06-Apr-1987 06:00:00 - 16-Apr-1987 18:00:00 | 75 | No Data | Southern Pacific | 14.13° S / 126.45° E |

Source: [Tropical Cyclones](#)

* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity

Disclosures

classes are based on estimated recurrence intervals and other criteria.

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