



Region Selected » Lower Left Latitude/Longitude: -9.2308 N° , 139.966 E°
 Upper Right Latitude/Longitude: -3.2308000000000003 N° , 145.966 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 |
|-------|----------|----------------------|-----------|------------|-----------------------------------|---------------------|
| | | 23-Mar-2018 12:14:20 | 5.3 | 59.45 | 76km W of Mendi, Papua New Guinea | 6.23° S / 142.97° E |

Active Tropical Cyclones

| Event | Severity | Name | Wind Speed (mph) | Wind Gusts (mph) | Heading | Track Speed (mph) | Advisory Num | Status | Pressure (mb) | Lat/Long |
|-------|----------|------|------------------|------------------|---------|-------------------|--------------|----------------------------|---------------|--------------------|
| | | NORA | 75 | 92 | SE | 15 | 5 | Hurricane/Typhoon > 74 mph | - | 10.6° S / 138.1° E |

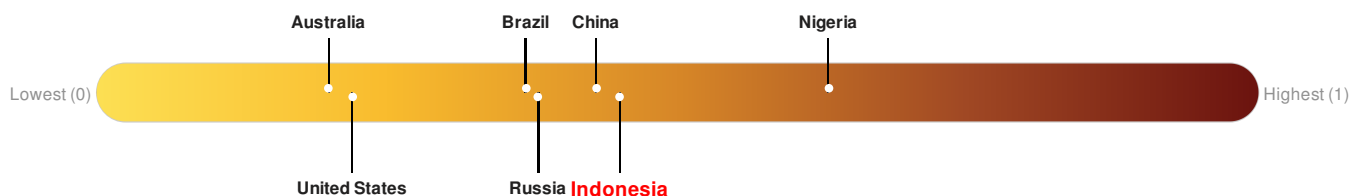
Source: [PDC](#)

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**.



Regional Overview

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Population Data:

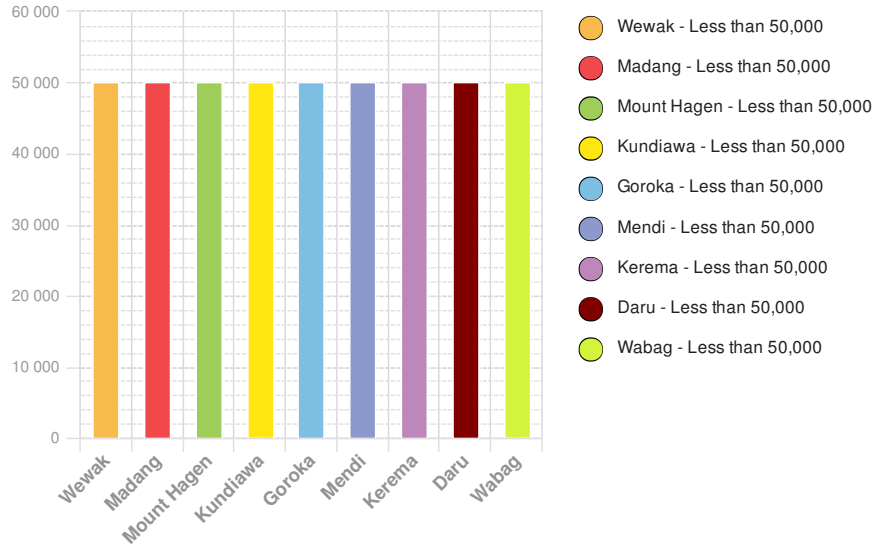
2011

Total: 3,832,041

Max Density: 17,907 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



Risk & Vulnerability

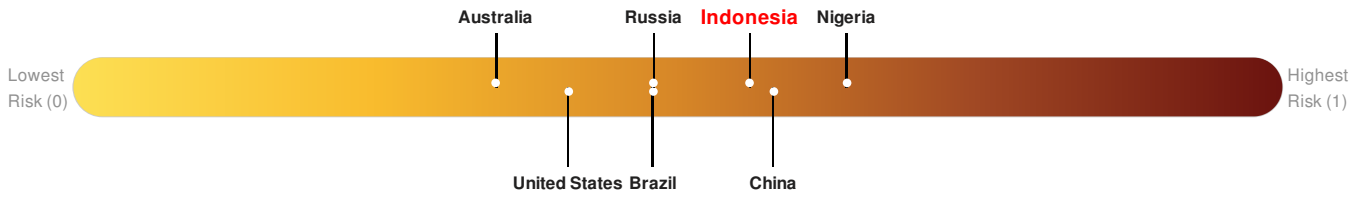
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Multi Hazard Risk Index:

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**.



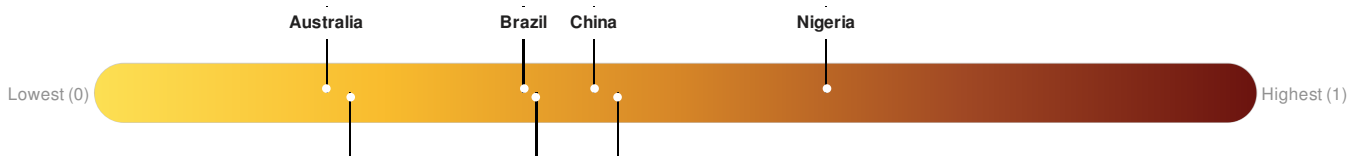
Source: [PDC](#)

Lack of Resilience Index:

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.

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|
United States

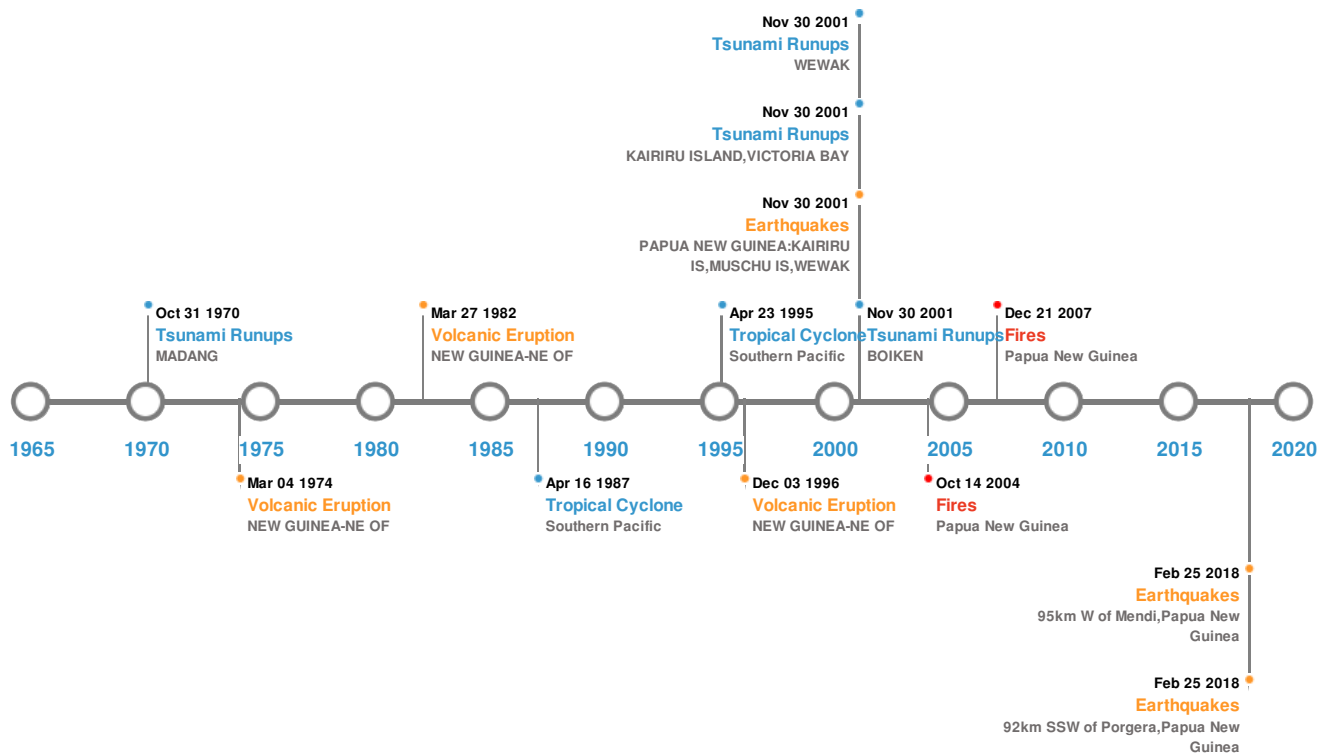
| |
Russia **Indonesia**

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 | KARKAR Name | 20-Apr-1643 00:00:00 Date (UTC) | 4.00 Volcanic Explosivity Index | NEW GUINEA-NE OF Location | 4.65° S / 145.96° E Lat/Long |
|--|-------------|------------------------------------|------------------------------------|------------------------------|---------------------------------|
|  | MANAM | 03-Dec-1996 00:00:00 | 3.00 | NEW GUINEA-NE OF | 4.1° S / 145.06° E |
|  | 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 |

Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|---|----------------------|------------------|-----------|--------|------------------------------|---------------------|
|  | 08-Sep-2002 18:59:00 | PAPUA NEW GUINEA | 5.5 | - | KAIRIRU ISLAND, VICTORIA BAY | 3.33° S / 143.52° E |
|  | 08-Sep-2002 00:00:00 | PAPUA NEW GUINEA | 4 | - | BOIKEN | 3.42° S / 143.45° E |
|  | 08-Sep-2002 20:45:00 | PAPUA NEW GUINEA | 2 | - | WEWAK | 3.57° S / 143.63° E |
|  | 22-May-1960 00:00:00 | PAPUA NEW GUINEA | 1.8 | - | WEWAK | 3.6° S / 143.58° E |
|  | 31-Oct-1970 00:00:00 | PAPUA NEW GUINEA | 1.2 | - | MADANG | 5.22° S / 145.8° 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 |
|---|------------|---|----------------------|-------------------|------------------|----------------------|
|  | 1995-04-15 | 15-Apr-1995 18:00:00 - 23-Apr-1995 06:00:00 | 127 | No Data | Southern Pacific | 11.26° S / 145.8° E |
|  | 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](#)

Disclosures

* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = $\text{LOG}(\text{Duration} \times \text{Severity} \times \text{Affected Area})$. Severity classes are based on estimated recurrence intervals and other criteria.

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