



**Region Selected** » Lower Left Latitude/Longitude: -8.9635 N° , 139.6503 E°  
 Upper Right Latitude/Longitude: -2.9635 N° , 145.6503 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
		26-Feb-2018 00:49:46	5.2	16.63	82km SW of Porgera, Papua New Guinea	5.96° S / 142.65° E
		26-Feb-2018 00:36:29	5	35	62km WSW of Mendi, Papua New Guinea	6.34° S / 143.11° E
		25-Feb-2018 23:11:04	5	35	52km WSW of Mendi, Papua New Guinea	6.3° S / 143.19° E
		25-Feb-2018 22:43:39	5	35	91km SSW of Porgera, Papua New Guinea	6.17° S / 142.76° E
		25-Feb-2018 21:34:19	5	35	96km WSW of Porgera, Papua New Guinea	5.7° S / 142.36° E
		25-Feb-2018 20:51:43	5	35	72km SSW of Porgera, Papua New Guinea	6.06° S / 142.92° E
		25-Feb-2018 20:45:29	5.4	35	33km SSW of Mendi, Papua New Guinea	6.43° S / 143.49° E
		25-Feb-2018 20:38:39	5.2	35	99km SSW of Porgera, Papua New Guinea	6.24° S / 142.75° E

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		25-Feb-2018 20:02:00	5.3	35	39km SW of Mendi, Papua New Guinea	6.38° S / 143.36° E
		25-Feb-2018 18:29:22	5.5	38.97	110km WSW of Porgera, Papua New Guinea	5.76° S / 142.24° E
		25-Feb-2018 17:56:31	7.5	35	89km SSW of Porgera, Papua New Guinea	6.15° S / 142.77° E

### Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		25-Feb-2018 17:55:45	Tsunami Information (Pacific Ocean) - New Guinea Papua New Guinea - 7.6	6.2° S / 142.8° E

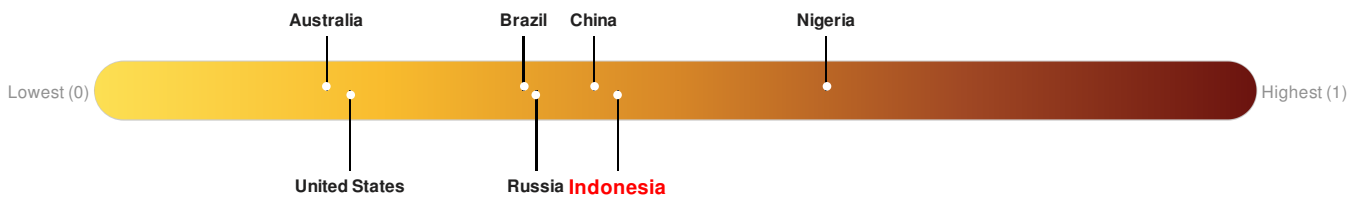
Source: [PDC](#)

### 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:

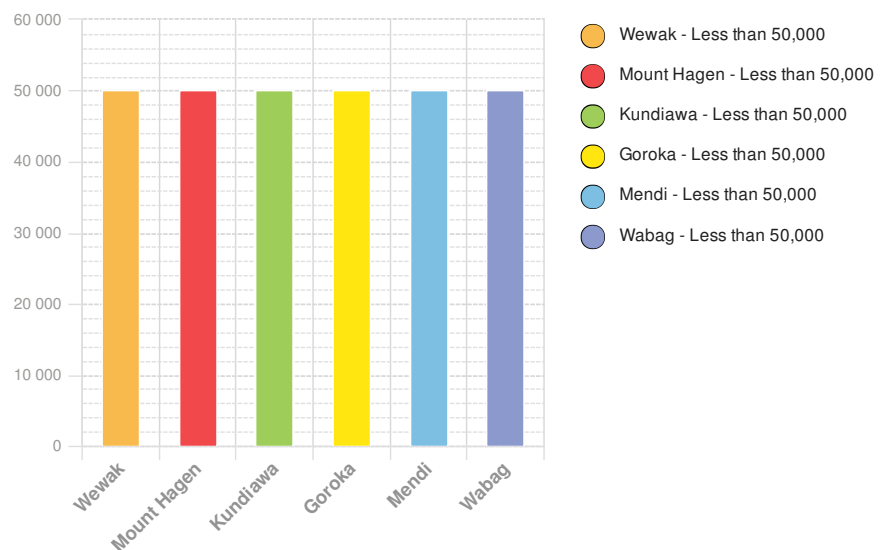
2011

Total: **3,584,940**

Max Density: **17,907**(ppl/km<sup>2</sup>)

Source: [iSciences](#)

### Populated Areas:



### Risk & Vulnerability

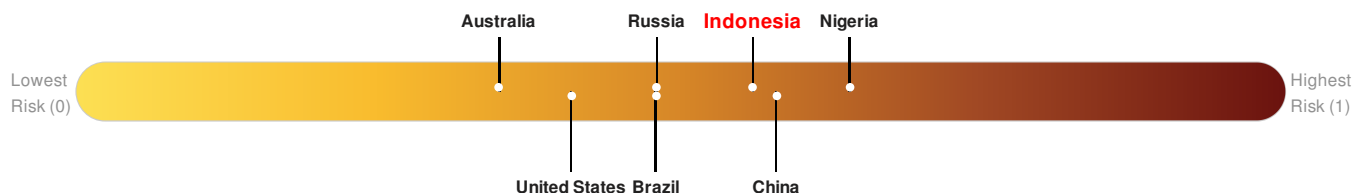
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## Multi Hazard Risk Index:

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**.



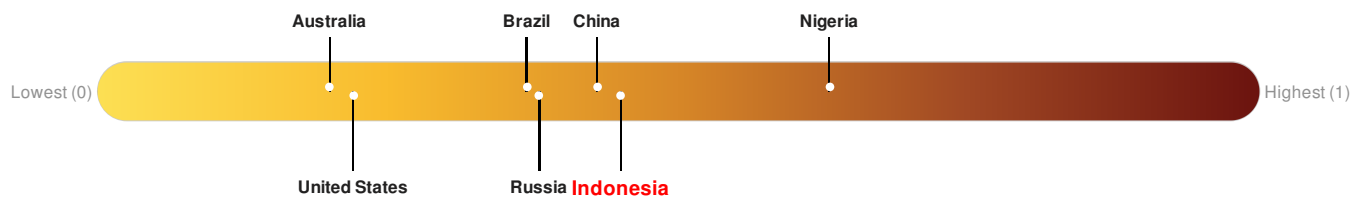
Source: [PDC](#)

## 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.

**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**.

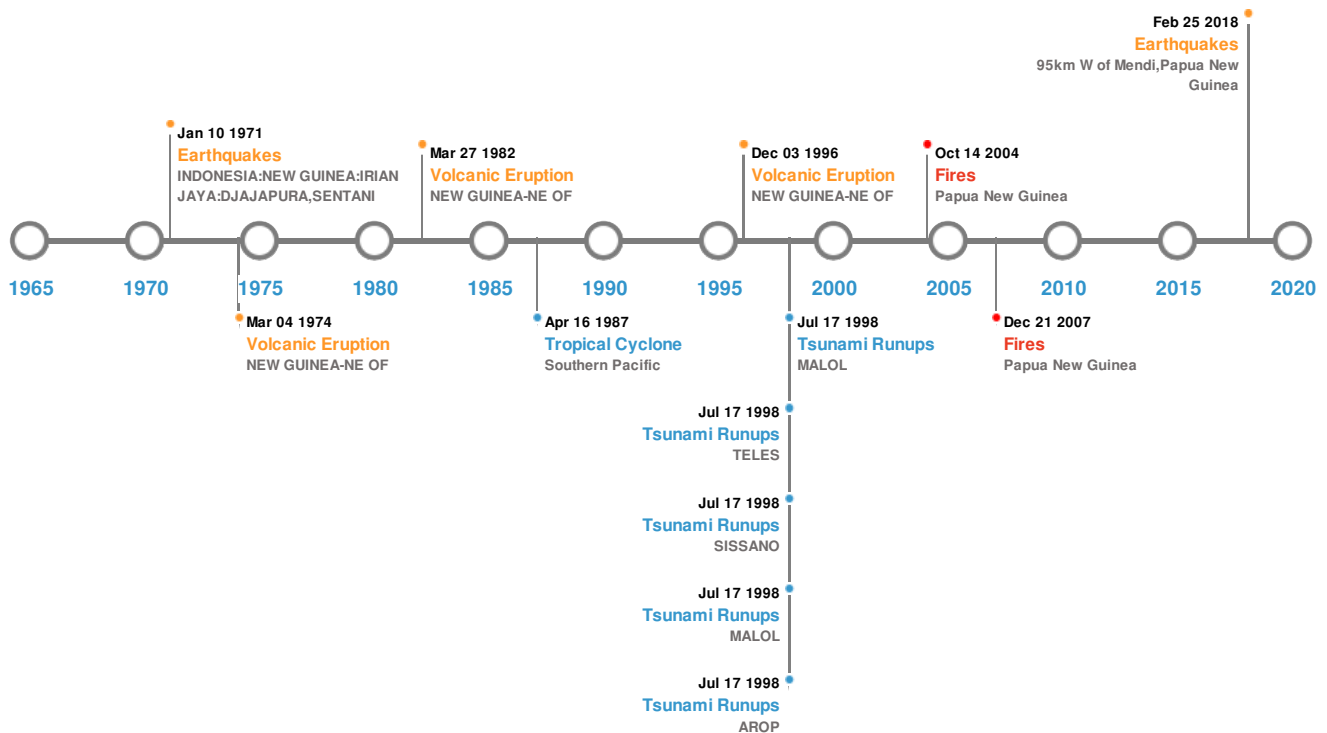


Source: [PDC](#)

## 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
	10-Jan-1971 00:07:00	8.10	34	INDONESIA: NEW GUINEA: IRIAN JAYA:DJAJAPURA,SENTANI	3.1° S / 139.7° E
	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
	29-Jul-1917 00:21:00	7.70	-	PAPUA NEW GUINEA	3° S / 143.5° E
	25-Feb-2018 17:44:42	7.60	10	95km W of Mendi, Papua New Guinea	6.24° S / 142.79° 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
	MANAM	03-Dec-1996 00:00:00	3.00	NEW GUINEA-NE OF	4.1° S / 145.06° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	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	15.03	862	AROP	3.03° S / 142.1° E
	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	170	SISSANO	3° S / 142.05° 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

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](#)

## 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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