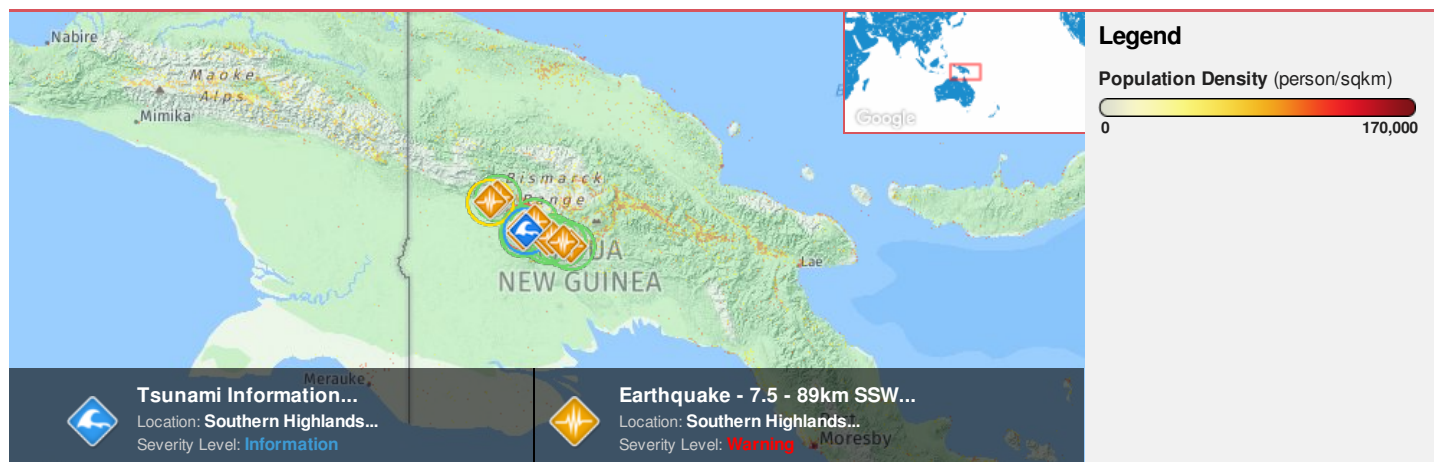




Region Selected » Lower Left Latitude/Longitude: -9.340900000000001 N° , 140.1137 E°
 Upper Right Latitude/Longitude: -3.3409000000000004 N° , 146.1137 E°



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 00:36:29	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
		25-Feb-2018 20:02:00	5.3	35	39km SW of Mendi, Papua New Guinea	6.38° S / 143.36° E

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		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

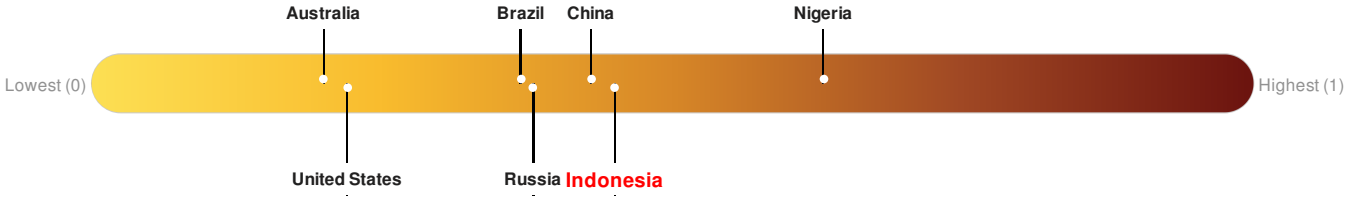
Source: [PDC](#)

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

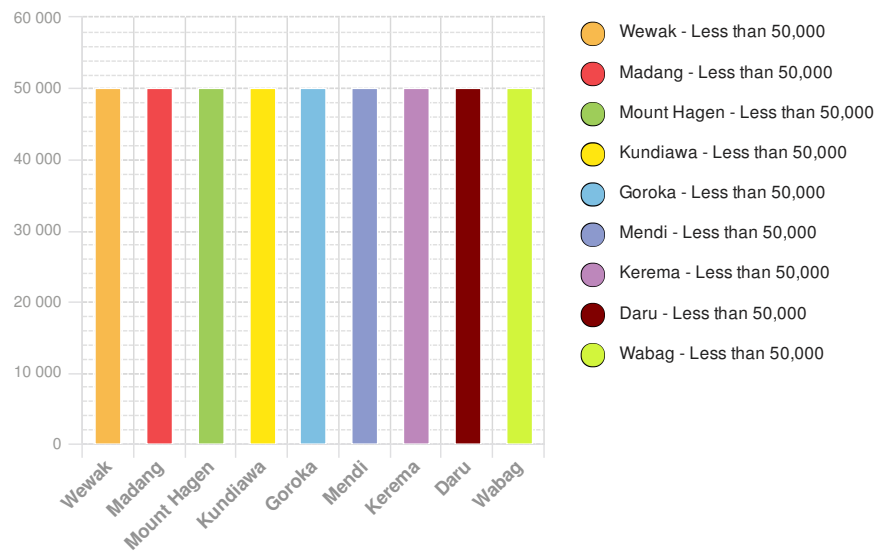
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

Population Data:

2011
Total: 3,843,421
Max Density: 17,907 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



Risk & Vulnerability

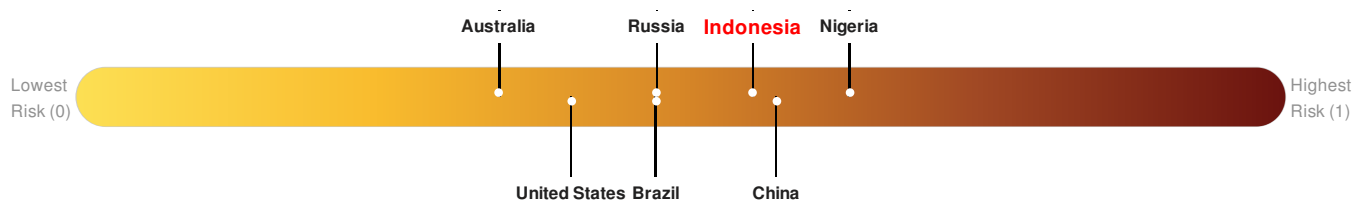
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

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**.



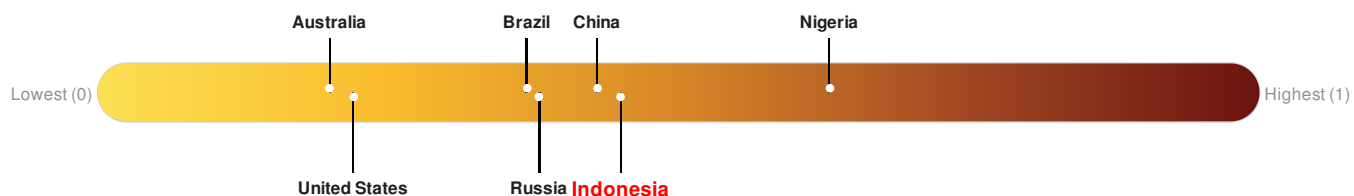
Source: [PDC](#)

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**.

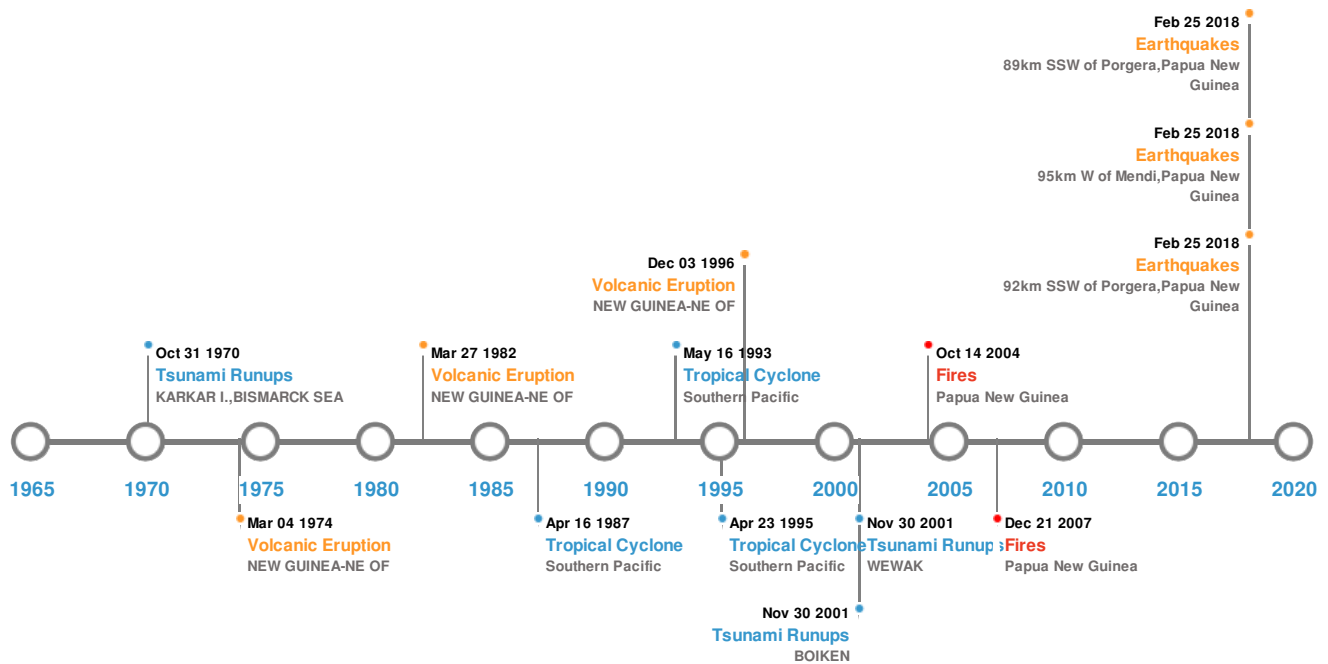


Source: [PDC](#)

Historical Hazards

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.

Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	01-Jan-1873 00:00:00	8.00	-	MACLAY COAST	5.5° S / 146° E
	20-Sep-1935 00:01:00	7.90	60	PAPUA NEW GUINEA: N-CENTRAL	3.5° S / 141.8° 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
	25-Feb-2018 17:44:44	7.50	35	89km SSW of Porgera, Papua New Guinea	6.15° S / 142.77° 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
	KARKAR	20-Apr-1643 00:00:00	4.00	NEW GUINEA-NE OF	4.65° S / 145.96° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	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 00:00:00	PAPUA NEW GUINEA	4	-	BOIKEN	3.42° S / 143.45° E
	31-Oct-1970 00:00:00	PAPUA NEW GUINEA	3	-	KARKAR I., BISMARCK SEA	4.63° S / 145.97° E
	08-Sep-2002 20:45:00	PAPUA NEW GUINEA	2	-	WEWAK	3.57° S / 143.63° E
	23-Dec-1930 00:00:00	PAPUA NEW GUINEA	2	-	KARKAR ISLAND, BISMARCK SEA	4.63° S / 145.97° E
	22-May-1960 00:00:00	PAPUA NEW GUINEA	1.8	-	WEWAK	3.6° S / 143.58° 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
	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

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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