Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 07:18:34 19 Aug 2018	WASH.D.C. 13:18:34 19 Aug 2018	ZULU 17:18:34 19 Aug 2018	NAIROBI 20:18:34 19 Aug 2018	BANGKOK 00:18:34 20 Aug 2018	MAKASSAR 01:18:34 20 Aug 2018

Region Selected » Lower Left Latitude/Longitude: -11.4277 N˚ , 113.8233 E˚
Upper Right Latitude/Longitude: -5.4277 N˚ , 119.8233 E˚

Legend

Population Density (person/sqkm)

0 — 170,000

Volcano - Agung, Indonesia
Location: **Bali, Indonesia**
Severity Level: **Watch**

Earthquake - 6.5 - 109km...
Location: **Indonesia**
Severity Level: **Watch**

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
		19-Aug-2018 16:58:56	5.3	10	15km NW of Labuhanmapin, Indonesia	8.4° S / 116.85° E
		19-Aug-2018 16:41:08	5	10	15km ESE of Sambelia, Indonesia	8.43° S / 116.82° E
		19-Aug-2018 15:49:15	5.5	10	4km SE of Sembalunbumbung, Indonesia	8.42° S / 116.57° E
		19-Aug-2018 15:39:32	5.9	10	8km ESE of Sembalunbumbung, Indonesia	8.42° S / 116.61° E
		19-Aug-2018 15:18:33	6.9	25.62	2km S of Belanting, Indonesia	8.32° S / 116.63° E
		19-Aug-2018 04:31:49	6.3	7.91	6km NE of Sembalunlawang, Indonesia	8.32° S / 116.58° E
		19-Aug-2018 04:24:52	5.4	10	6km ESE of Sembalunbumbung, Indonesia	8.4° S / 116.6° E
		17-Aug-2018 17:35:22	6.5	538.68	109km NNW of Kampungbajo, Indonesia	7.41° S / 119.82° E

Active Volcanoes

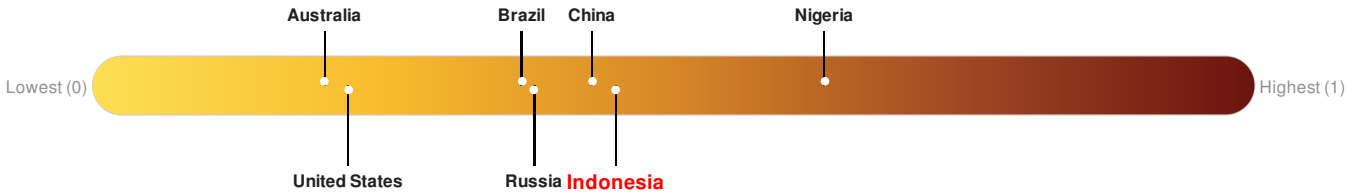
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		20-Sep-2017 19:25:25	Volcano - Agung, Indonesia	-	-	-	-	8.35° S / 115.5° E

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.



Source: PDC

Regional Overview

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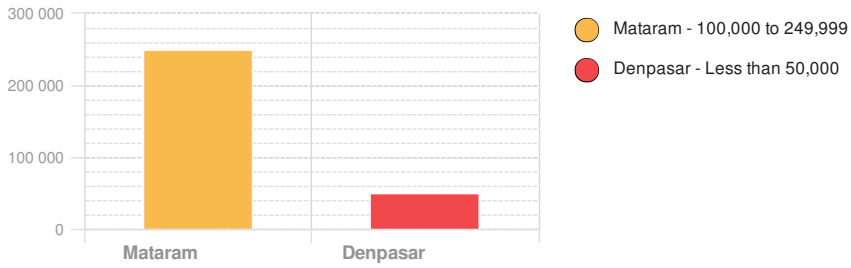
Population Data:

2011

Total: 12, 783, 539
Max Density: 74, 789(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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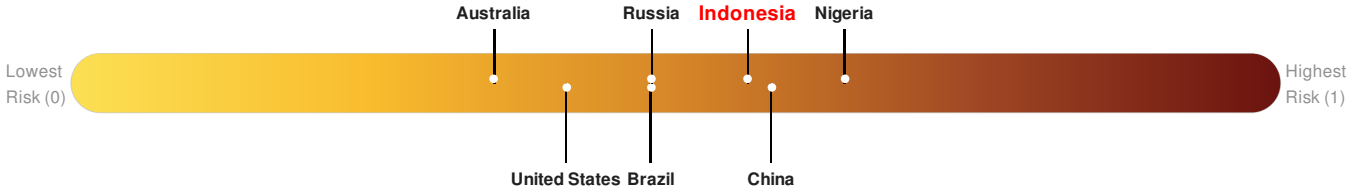
Multi Hazard Risk Index:

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.



Source: PDC

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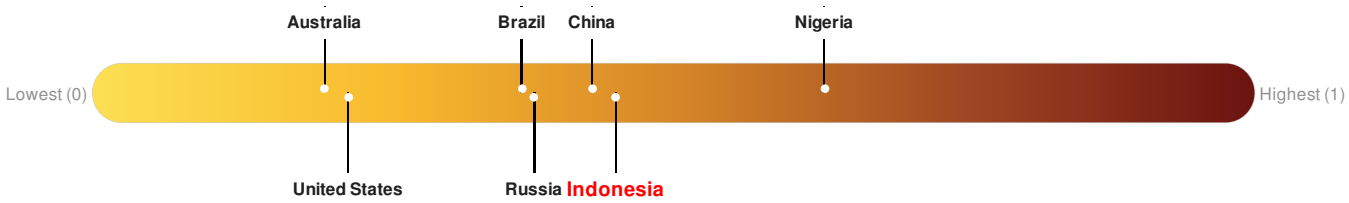

Source: PDC

Historical Hazards

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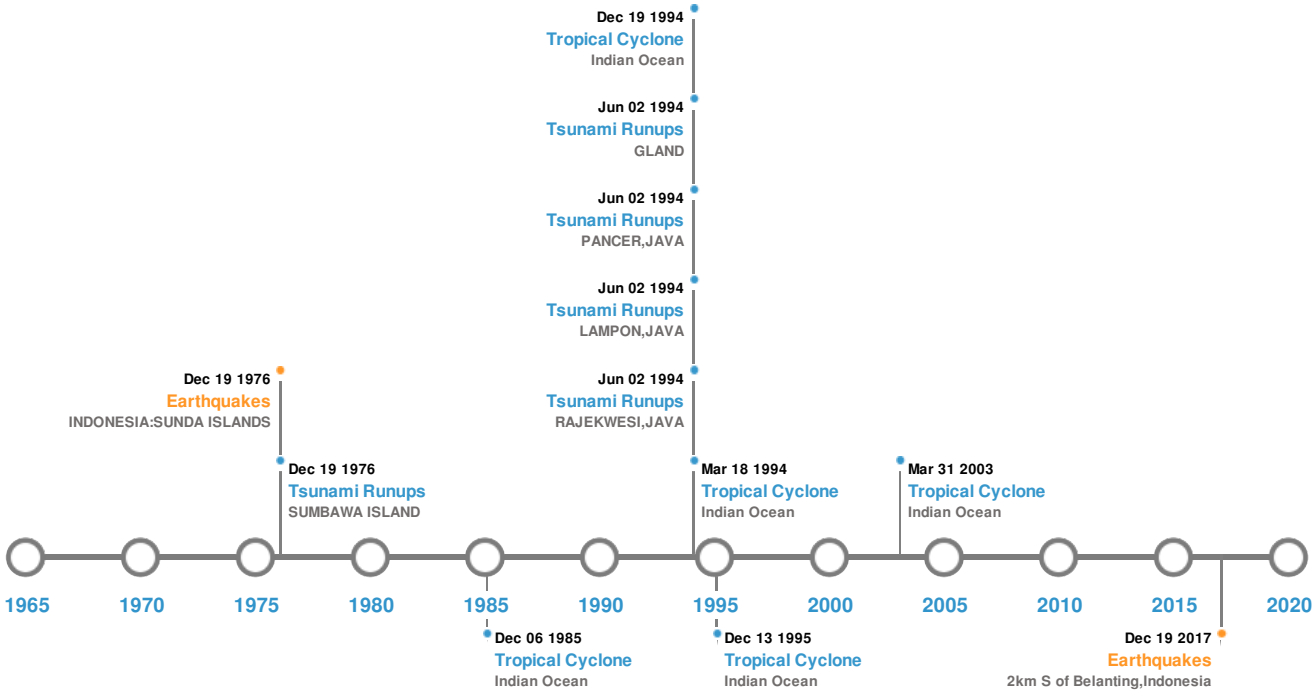
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	08-Nov-1818 00:00:00	8.50	600	INDONESIA: SUMBAWA ISLAND: BIMA	7° S / 117° E
	19-Aug-1977 00:06:00	8.00	33	INDONESIA: SUNDA ISLANDS	11.08° S / 118.46° E
	28-Nov-1836 00:00:00	7.50	-	FLORES SEA	8.3° S / 118.7° E
	13-May-1857 00:00:00	7.00	50	BALI SEA	8° S / 115.5° E
	19-Aug-2018 14:56:28	6.90	25.62	2km S of Belanting, Indonesia	8.32° S / 116.63° E

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TAMBORA	05-Apr-1815 00:00:00	7.00	LESSER SUNDA I-INDONESIA	8.25° S / 118° E
	AGUNG	17-Mar-1963 00:00:00	4.00	LESSER SUNDA IS	8.34° S / 115.51° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	RAUNG	01-Jan-1817 00:00:00	4.00	JAVA	8.13° S / 114.04° E
	RAUNG	01-Jan-1593 00:00:00	4.00	JAVA	8.13° S / 114.04° E
	SANGEANG API	01-Jan-1512 00:00:00	4.00	LESSER SUNDA IS	8.18° S / 119.06° E

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	02-Jun-1994 00:00:00	INDONESIA	13.9	47	RAJEKWESI, JAVA	8.56° S / 113.94° E
	02-Jun-1994 00:00:00	INDONESIA	11	49	LAMPON, JAVA	8.62° S / 114.09° E
	19-Aug-1977 00:00:00	INDONESIA	10	189	SUMBAWA ISLAND	8.9° S / 118.08° E
	02-Jun-1994 00:00:00	INDONESIA	9.5	137	PANCER, JAVA	8.59° S / 114° E
	02-Jun-1994 00:00:00	INDONESIA	5.6	-	GLAND	8.7° S / 114.3° 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
	INIGO	02-Apr-2003 00:00:00 - 08-Apr-2003 00:00:00	161	No Data	Indian Ocean	15.18° S / 116.5° E
	1995-12-06	06-Dec-1995 06:00:00 - 13-Dec-1995 18:00:00	132	No Data	Indian Ocean	19.4° S / 116.2° E
	1994-12-10	10-Dec-1994 06:00:00 - 19-Dec-1994 18:00:00	127	No Data	Indian Ocean	19.5° S / 119.55° E
	1994-03-12	12-Mar-1994 18:00:00 - 18-Mar-1994 18:00:00	127	No Data	Indian Ocean	16.32° S / 111.2° E
	1985-11-25	25-Nov-1985 12:00:00 - 06-Dec-1985 12:00:00	86	No Data	Indian Ocean	11.5° S / 107.75° 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.