

HONOLULU 14:00:18 15 Oct 2018 WASH.D.C. 20:00:18 15 Oct 2018 ZULU 00:00:18 16 Oct 2018 NAIROBI 03:00:18 16 Oct 2018 BANGKOK 07:00:18 16 Oct 2018 MAKASSAR 08:00:18 16 Oct 2018

Region Selected » Lower Left Latitude/Longitude: -11.2 N°, 116.07 E° Upper Right Latitude/Longitude: -5.1999999999999 N°, 122.07 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 <u>register here</u>. Validation of registration information may take 24-48 hours.

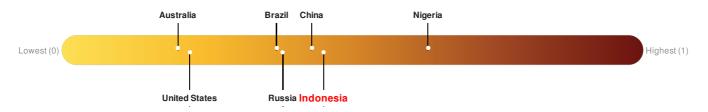
Current Hazards:

Active Volcanoes									
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long	
	0	15-Oct-2018 00:01:04	Volcano - Sangeang Api, Indonesia	-		-	-	8.2° S/119.07° E	

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 164 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 less able to respond to and recover from a disruption to normal function.



Source: PDC

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Regional Overview

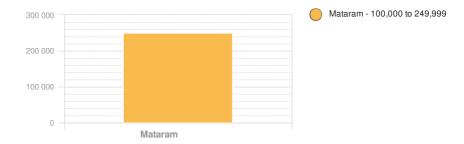
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Population Data:

2011

Total: 8, 054, 422

Max Density: **74**, **789**(ppl/km²)



Source: iSciences

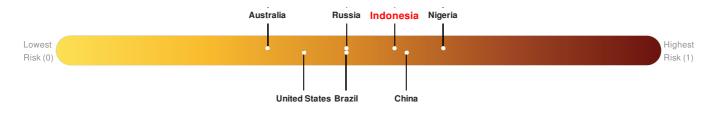
Risk & Vulnerability

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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

Indonesia ranks 24 out of 164 countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Indonesia has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

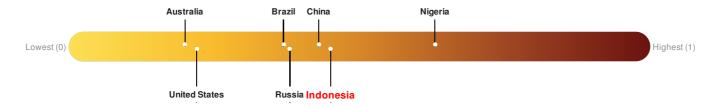


Source: PDC

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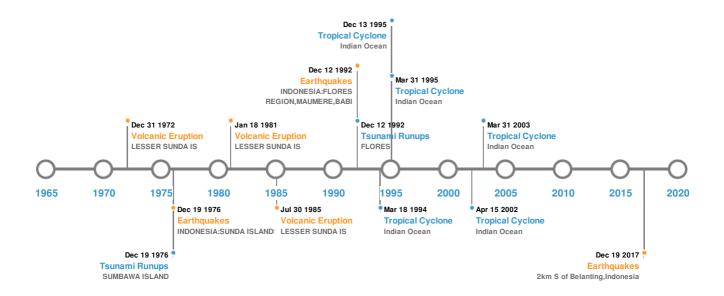


Source: PDC

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			
	12-Dec-1992 00:05:00	7.80	28	INDONESIA: FLORES REGION, MAUMERE, BABI	8.48° S / 121.9° E			
	28-Nov-1836 00:00:00	7.50	-	FLORES SEA	8.3° S / 118.7° 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		
	SANGEANG API	01-Jan-1512 00:00:00	4.00	LESSER SUNDA IS	8.18° S / 119.06° E		

Event	Name Date (UTC)		Volcanic Explosivity Index	Location	Lat/Long	
	SANGEANG API	30-Jul-1985 00:00:00	3.00	LESSER SUNDA IS	8.18° S / 119.06° E	
♦	PALUWEH	18-Jan-1981 00:00:00	3.00	LESSER SUNDA IS	8.32° S / 121.71° E	
♦	PALUWEH	09-Jan-1973 00:00:00	3.00	LESSER SUNDA IS	8.32° S / 121.71° E	

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
\$	12-Dec-1992 00:00:00	INDONESIA	25	-	FLORES	8.5° S / 121° E		
\$	29-Dec-1820 00:00:00	INDONESIA	25	-	NIPANIPA, SULAWESI	5.55° S / 120.02° E		
\$	19-Aug-1977 00:00:00	INDONESIA	10	189	SUMBAWA ISLAND	8.9° S / 118.08° E		
\$	04-Aug-1928 00:00:00	INDONESIA	10	128	PALU ISLAND, FLORES SEA	8.32° S / 121.71° E		
\$	04-Aug-1928 00:00:00	INDONESIA	10	-	FLORES ISLAND	8.5° S / 121° E		

Source: <u>Tsunamis</u>

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		
	1995-03- 29	30-Mar-1995 00:00:00 - 09-Apr-1995 00:00:00	144	No Data	Indian Ocean	14.18° S / 126.1° 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		
	1994-03- 12	12-Mar-1994 18:00:00 - 18-Mar-1994 18:00:00	127	No Data	Indian Ocean	16.32° S / 111.2° E		
	BONNIE	10-Apr-2002 12:00:00 - 15-Apr-2002 12:00:00	58	No Data	Indian Ocean	12.99° S / 112.65° E		

Source: Tropical Cyclones

Disclosures

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^{*} As defined by the source (<u>Dartmouth Flood Observatory</u>, 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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