

HONOLULU 07:36:54 17 Aug 2018 WASH.D.C. 13:36:54 17 Aug 2018 ZULU NAIROBI 17:36:54 20:36:54 17 Aug 2018 17 Aug 2018

BANGKOK 00:36:54 18 Aug 2018 MAKASSAR 01:36:54 18 Aug 2018

Region Selected » Lower Left Latitude/Longitude: -10.4139 N°, 116.819 E° Upper Right Latitude/Longitude: -4.4139 N°, 122.819 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.

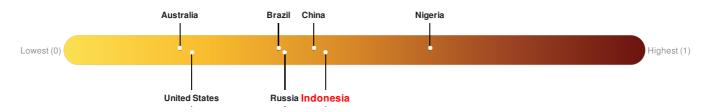
#### **Current Hazards:**

Recent Earthquakes							
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long	
	•	17-Aug-2018 17:35:22	-	-	-	7.41° S / 119.82° 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 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

Source: PDC

#### **Regional Overview**

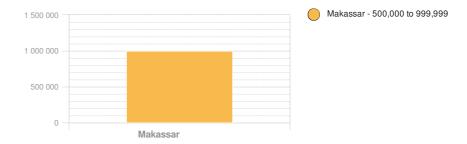
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## **Population Data:**

2011

Total: 9, 403, 068

Max Density: 87, 354(ppl/km<sup>2</sup>)



Source: iSciences

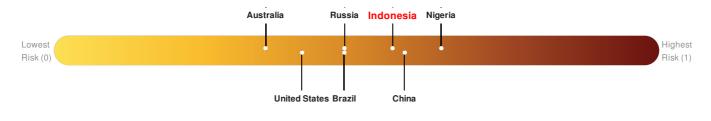
#### **Risk & Vulnerability**

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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.

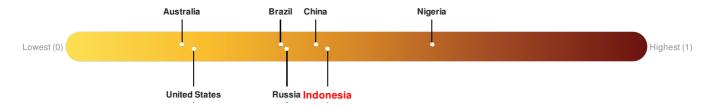


Source: PDC

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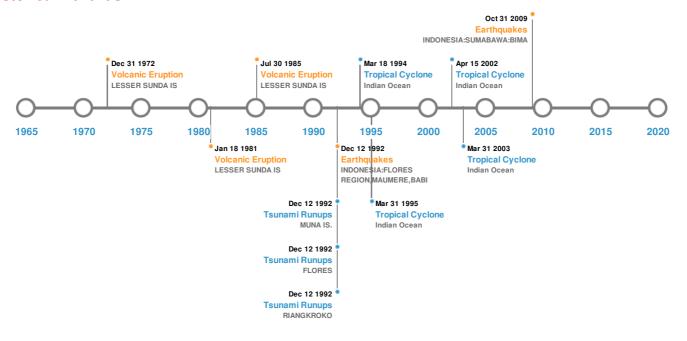


Source: PDC

### **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			
<b>*</b>	08-Nov-1818 00:00:00	8.50	600	INDONESIA: SUMBAWA ISLAND: BIMA	7° S / 117° E			
<b>*</b>	12-Dec-1992 00:05:00	7.80	28	INDONESIA: FLORES REGION, MAUMERE, BABI	8.48° S / 121.9° E			
<b></b>	28-Nov-1836 00:00:00	7.50	-	FLORES SEA	8.3° S / 118.7° E			
<b></b>	02-Nov-1954 00:08:00	6.80	-	INDONESIA: SUMABAWA: BIMA,RABA	8° S/119° E			
<b>*</b>	08-Nov-2009 00:19:00	6.60	18	INDONESIA: SUMABAWA: BIMA	8.21° S / 118.63° E			

Source: Earthquakes

# **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)								
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long			
<b>♦</b>	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
<b>♦</b>	PALUWEH	18-Jan-1981 00:00:00	3.00	LESSER SUNDA IS	8.32° S / 121.71° E
<b>♦</b>	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		
<b>\$</b>	12-Dec-1992 00:00:00	INDONESIA	26.2	137	RIANGKROKO	8.15° S / 122.8° E		
<b>♦</b>	12-Dec-1992 00:00:00	INDONESIA	25	-	FLORES	8.5° S/121° E		
<b>♦</b>	29-Dec-1820 00:00:00	INDONESIA	25	-	NIPANIPA, SULAWESI	5.55° S / 120.02° E		
<b>\$</b>	29-Dec-1820 00:00:00	INDONESIA	25	500	BULUKUMBA, SULAWESI	4.8° S / 119.65° E		
<b>\$</b>	12-Dec-1992 00:00:00	INDONESIA	10	-	MUNA IS.	5.4° S / 122.4° 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		
	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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<sup>\*</sup> 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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