HONOLULU 14:09:02 15 Oct 2018 WASH.D.C. 20:09:02 15 Oct 2018 ZULU 00:09:02 16 Oct 2018 NAIROBI 03:09:02 16 Oct 2018 BANGKOK 07:09:02 16 Oct 2018 DILI 09:09:02 16 Oct 2018

Region Selected » Lower Left Latitude/Longitude: -1.512 N° , 124.63 E° Upper Right Latitude/Longitude: 4.4879999999999 N° , 130.63 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:

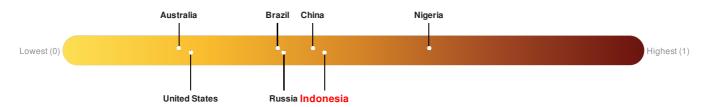
Active Volcanoes									
Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long	
	!	14-Oct-2018 23:21:54	Volcano - Ibu, Indonesia	-	-	-	-	1.49° N / 127.63° E	
	1	29-Sep-2009 02:19:39	Volcano - Dukono, Indonesia	-	-	-	-	1.68° N / 127.88° E	

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 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

Regional Overview

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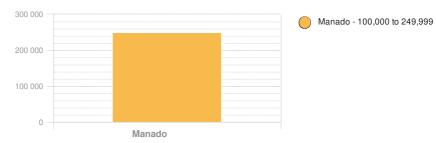
Population Data:

2011

Total: 2, 265, 741

Max Density: 88, 816(ppl/km²)

Populated Areas:



Source: iSciences

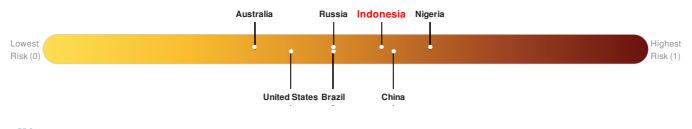
Risk & Vulnerability

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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

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.

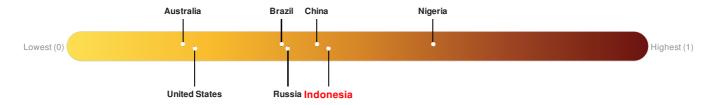


Source: <u>PDC</u>

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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			
*	06-Sep-1889 00:00:00	8.00	-	N. MOLUCCAS ISLANDS, INDONESIA	1° N / 126.25° E			
*	25-Jun-1907 00:17:00	7.90	200	INDONESIA: DJAILOLO GILOLO	1° N / 127° E			
	10-Aug-1968 00:02:00	7.60	1	INDONESIA: MOLUCCA ISLANDS: MANADO, CELEBES	1.4° N / 126.2° E			
	21-Jan-2007 00:11:00	7.50	22	INDONESIA: MOLUCCA ISLANDS: N	1.07° N / 126.28° E			
*	14-May-1932 00:13:00	7.40	25	INDONESIA: SULAWESI: KAKAS,LANGOWAN,POSO,TONDANO	0.5° N / 126° E			

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)								
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long			
♦	AWU	03-Jan-1641 00:00:00	5.00	SANGIHE IS-INDONESIA	3.67° N / 125.5° E			
	MAKIAN	17-Jul-1988 00:00:00	4.00	HALMAHERA-INDONESIA	0.32° N / 127.4° E			

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long	
	AWU	12-Aug-1966 00:00:00	4.00	SANGIHE IS-INDONESIA	3.67° N / 125.5° E	
♦	GAMALAMA	10-May-1687 00:00:00	4.00	HALMAHERA-INDONESIA	0.8° N / 127.32° E	
♦	GAMALAMA	01-Sep-1686 00:00:00	4.00	HALMAHERA-INDONESIA	0.8° N / 127.32° E	

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
\$	02-Mar-1871 00:00:00	INDONESIA	25	277	TAHULANDAG I., MOLUCCAS	2.38° N / 125.39° E		
♦	29-Sep-1899 00:00:00	INDONESIA	9	-	LAIMU	1.37° N / 125.08° E		
♦	28-Jun-1859 00:00:00	INDONESIA	9	-	HALMAHERA, W. COAST	0.8° N / 127.6° E		
♦	29-Mar-1907 00:00:00	INDONESIA	4	-	KARAKELONG ISLAND, TALAUD ISLANDS	4.15° N / 126.48° E		
\$	06-Sep-1889 00:00:00	INDONESIA	4	-	KEMA, TERNATE ISLAND	1.38° N / 125.07° 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		
	KATE	14-Oct-1970 12:00:00 - 25-Oct-1970 12:00:00	150	No Data	Western Pacific	10.06° N / 123.7° E		
	GREG	24-Dec-1996 18:00:00 - 28-Dec-1996 06:00:00	46	No Data	Western Pacific	4.53° N / 121.65° E		

Source: <u>Tropical Cyclones</u>

Disclosures

* 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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