



ONE ASEAN  
ONE RESPONSE

# WEEKLY DISASTER UPDATE

Week 8  
21 – 27 Feb 2022

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#### SOURCES

ASEAN Disaster Monitoring & Response System (DMRS);  
ASEAN Specialised Meteorological Centre (ASMC); Joint  
Typhoon Warning Centre (JTWC);

Indonesia: BNPB, BMKG, PVMBG;  
Malaysia: NADMA;  
Philippines: PHIVOLCS;  
Thailand: DDPM;

Various news agencies.

#### DISCLAIMER

The AHA Centre was established in November 2011 by the  
Association of Southeast Asian Nations (ASEAN) Member  
States to facilitate cooperation and coordination among  
Member States, relevant agencies of the United Nations  
and international organisations in disaster management and  
emergency response.

This update consists of significant natural disaster events  
that occurred in ASEAN Member States – Brunei  
Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia,  
Myanmar, Philippines, Singapore, Thailand, and Viet Nam.  
The disasters recorded include Drought, Flood, Earthquake,  
Tsunami, Volcano, Wind, Landslide, and Storm.

The use of boundaries, geographic names, related  
information, and potential considerations for response are  
for references, not warranted to be error-free or implying  
official endorsement from ASEAN Member States.

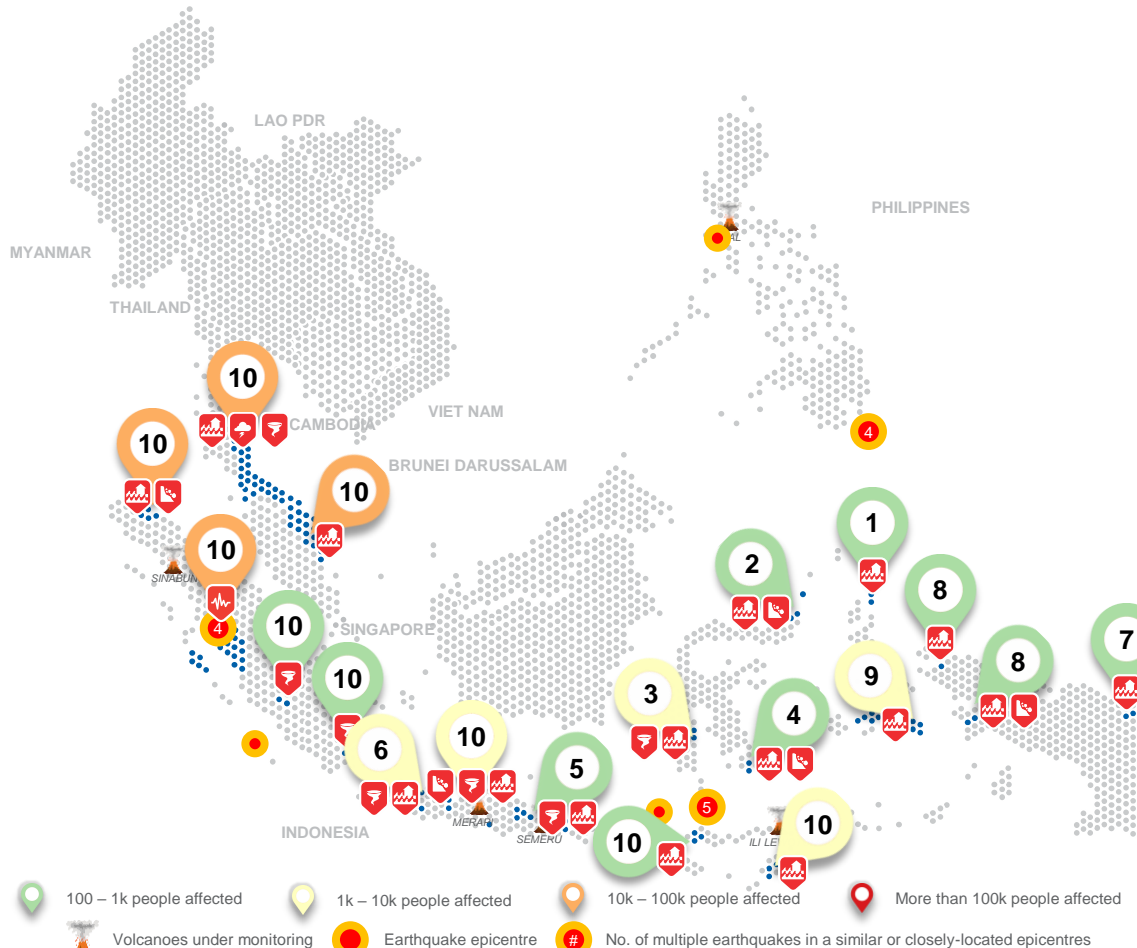
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## REGIONAL TALLY



Note: Estimations are based on data reported/confirmed by National  
Disaster Management Organisations of each respective ASEAN  
Member State and other verified sources

- 01 Indonesia, Flooding in [Morotai Island](#) Regency (North Maluku)**  
21 Feb 2022
- 02 Indonesia, Flooding in [Siau Tagulandang Biaro](#) Regency and  
Landslide in [Manado City](#) (North Sulawesi)**  
21, 21 Feb 2022
- 03 Indonesia, Flooding in [Wajo](#) and Strong Wind in [Sidenreng  
Rappang](#) Regency (South Sulawesi)**  
21, 22 Feb 2022
- 04 Indonesia, Flooding and Landslide in [South Buton](#) Regency  
(Southeast Sulawesi)**  
21 Feb 2022
- 05 Indonesia, Strong Wind and Flooding in [Sidoarjo](#), [Pasuruan](#)  
City, [Mojokerto](#), and [Banyuwangi](#) Regency (East Java)**  
21, 25, 26, 27 Feb 2022
- 06 Indonesia, Flooding and Strong Wind in [Cirebon](#) City,  
[Indramayu](#), and [Garut](#) Regency (West Java)**  
21, 22, 23 Feb 2022
- 07 Indonesia, Flooding in [Jayapura](#) Regency (Papua)**  
21 Feb 2022
- 08 Indonesia, Flooding in [Fakfak](#) Regency and [Sorong](#) City (West  
Papua)**  
22, 22 Feb 2022
- 09 Indonesia, Flooding in [Western Seram](#) and [Eastern Seram](#)  
Regency (Maluku)**  
22, 22 Feb 2022

**10 Others: Indonesia – [Gunung Kidul](#) (23-02), [Kupang](#) (22-02), [Kupang City](#) (23-02), [East  
Lampung](#) (23-02), [Musi Rawas](#) (23-02), [West Sumatra](#) (25-02), [Kupang](#) (26-02), [North Aceh](#) (26-  
02), [East Aceh](#) (26-02), [Brebès](#) (26-02), [Mangarai](#) (26-02); [Thailand – \[Songkhla\]\(#\) \(24-02\),  
Southern Region \(25-02\) \[Pattani\]\(#\) \(26-02\); \[Malaysia – \\[Kelantan\\]\\(#\\), \\[Pahang\\]\\(#\\), and \\[Terengganu\\]\\(#\\) \\(24-02\\)\]\(#\)](#)**

## REGIONAL SUMMARY:

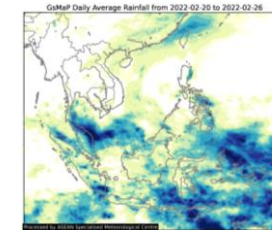
For the eighth week of 2022, a total of 40 disasters (1 earthquake, 22 floods, 6 landslides, 2 storms, and 9 wind-related) affected the region. Indonesia, Malaysia, and Thailand have reportedly been affected. Heavy rainfall has caused flooding, rain-induced landslides, storms, and wind-related events in Sumatra, Java, Nusa Tenggara, Sulawesi, Maluku, and Papua, and an earthquake was reported by Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)). For Malaysia, floods were reported by Agensi Pengurusan Bencana Negara ([NADMA](#)) in Peninsular Malaysia. The Thailand's Department of Disaster Prevention and Mitigation ([DDPM](#)) reported flooding, storm, and wind in the South Region of Thailand.

## HIGHLIGHT:

A M6.1 earthquake with epicentre at 99.98E, 0.15N (17 km northeast of West Pasaman Regency, West Sumatra) and a depth of 10km occurred in Indonesia on 25 Feb as reported by Badan Meteorologi dan Geofisika ([BMKG](#)). Modelling results show that this earthquake DID NOT have TSUNAMI POTENTIAL. As of 27 Feb, at 2145 HRS UTC+7, it has cost the life of 11 individuals, injured 388 persons, displaced 13K persons, and damaged 1.4K houses, 18 schools, 2 health facilities, 52 government offices/public facilities, and 22 worship places as reported by [BNPB](#). Emergency Response Status has been instated by the Head of West Pasaman Regency for 14 days (25 Feb – 10 March 2022).

According to [NADMA](#) Malaysia, flooding has been reported in Peninsular Malaysia. As of 28 Feb, at 0700 HRS UTC+7, a total of 5.9K families (19.9K persons) still displaced in 224 evacuation centres across 15 districts in Kelantan and Terengganu State. The Thailand's [DDPM](#) reported that the Low-Pressure Area with the easterly and northeasterly wind has caused flooding in the Southern Region of Thailand. The events have affected 12.2K families (60.6K people) in Narathiwat, Yala, Nakhon Si Thammarat, Phattalung, Pattani, Songkhla, and Trang Provinces.

## HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall spreading across Papua, Maluku, Nusa Tenggara, Java and Sumatra in Indonesia; Peninsular Malaysia; Southern Thailand; and Eastern parts of the Philippines. As of reporting, Tropical Cyclone ANIKA and VERNON is located outside the ASEAN Region and forecasted to not directly impact ASEAN Region ([BMKG](#), [JTWC](#)).

## GEOPHYSICAL:

Sixteen (16) significant earthquakes (M≥5.0) were recorded in the region by Indonesia's [BMKG](#) and the Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Semeru (alert level III), Dukono (alert level II), and Ibu (alert level II) in Indonesia, and Mount Taal (alert level 2), and Kanlaon (alert level 1) in the Philippines reported recent volcanic activity according to Pusat Vulkanologi dan Mitigasi Bencana Geologi ([PVMBG](#)) and [PHIVOLCS](#).

## OUTLOOK:

According to the ASEAN Specialised Meteorological Centre ([ASMC](#)), for the coming week, wetter conditions are expected for much of the region encompassing the Malay Peninsula, coastal parts of southeastern Mainland Southeast Asia, the Philippines, and northeast Borneo. For the regional assessment of extremes, there is a moderate increase in chance in The Philippines, and a small increase in chance in southeastern mainland Southeast Asia for very heavy rainfall event; and small increase in chance for extreme cold conditions to occur in Western and central Mainland Southeast Asia. La Niña conditions are still present in the Pacific. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region.