



ONE ASEAN  
ONE RESPONSE

# WEEKLY DISASTER UPDATE

Week 29  
18 – 24 July 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;  
Myanmar: DMH;  
Philippines: NDRRMC, PAGASA, PHIVOLCS, DSWD;  
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.

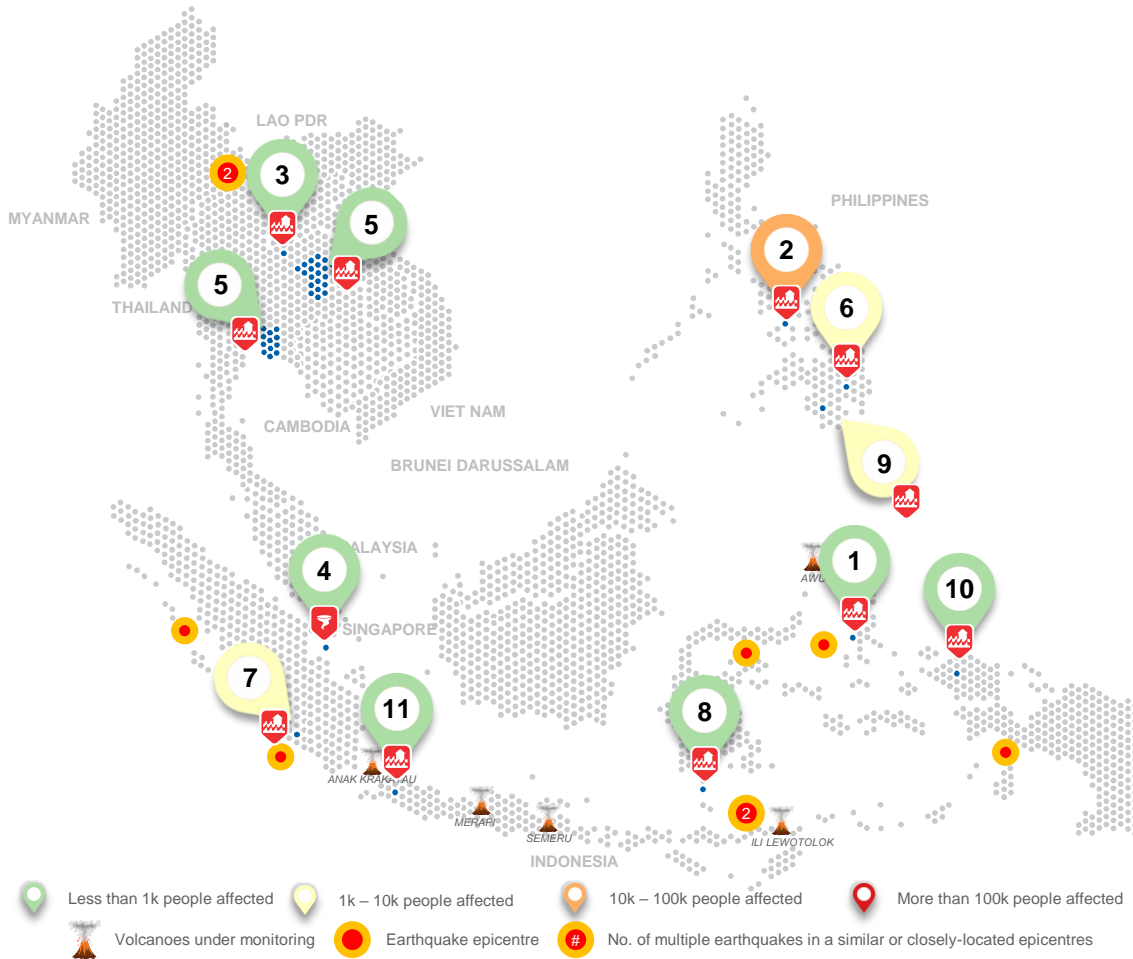
The use of boundaries, geographic names, related  
information, and potential considerations for response are  
for references, not warranted to be error-free or implying  
official endorsement from ASEAN Member States.

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SCAN TO SUBSCRIBE



- Less than 1k people affected
- 1k – 10k people affected
- 10k – 100k people affected
- More than 100k people affected
- Volcanoes under monitoring
- Earthquake epicentre
- No. of multiple earthquakes in a similar or closely-located epicentres

## REGIONAL TALLY



- 01 Indonesia, Flooding in [Tidore Islands City](#) (North Maluku)**  
18 Jul 2022
- 02 Philippines, Flooding in [Himamaylan City](#) (Negros Occidental)**  
18 Jul 2022
- 03 Thailand, Flooding in [Muang](#) (Loei)**  
20 Jul 2022
- 04 Indonesia, Tornado in [Karimun Regency](#) (Riau Islands)**  
20 Jul 2022
- 05 Thailand, Flooding in [Northeastern, Eastern, and Central Regions](#)**  
20 Jul 2022
- 06 Philippines, Flooding in [Sto. Tomas, Davao del Norte](#) (Region XI)**  
21 Jul 2022
- 07 Indonesia, Flooding in [Empat Lawang Regency](#) (South Sumatra)**  
21 Jul 2022
- 08 Indonesia, Flooding in [Selayar Islands Regency](#) (South Sulawesi)**  
21 Jul 2022
- 09 Philippines Flooding in [Tantangan, South Cotabato](#) (SOCCSKSARGEN)**  
22 Jul 2022
- 10 Indonesia, Flooding in [Maybrat Regency](#) (West Papua)**  
22 Jul 2022
- 11 Indonesia, Flooding and Landslide in [Bogor Regency](#) (West Java)**  
24 Jul 2022

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

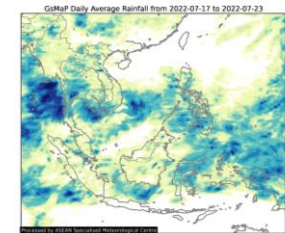
## REGIONAL SUMMARY:

For the twenty-ninth week of 2022, a total of 12 disasters (10 floods, 1 landslide, and 1 wind-related) affected the region. Indonesia, the Philippines, and Thailand have reportedly been affected. Flooding and rain-induced landslides due to moderate to heavy rainfall, overflowing of rivers, and unstable soil condition were reported by *Badan Nasional Penanggulangan Bencana (BNPB)* in North Maluku, Riau Islands, South Sumatra, South Sulawesi, West Papua, and West Java. Second, the Philippines' National Disaster Risk Reduction and Management Council (*NDRRMC*) reported that heavy rains and localised thunderstorms brought by the Southwest Monsoon, resulted in flooding in Negros Occidental and localised thunderstorms and easterlies also caused flooding in Davao del Norte and South Cotabato of the Philippines. Lastly, the Department of Disaster Prevention and Mitigation (*DDPM*) of Thailand reported flooding to have occurred in Loei and in the Northeastern, Eastern, and Central Regions due to the Southwest Monsoon.

## HIGHLIGHT:

On 18 Jul 2022, a flooding incident occurred in three (3) barangays in Himamaylan City, Negros Occidental caused by moderate and at times heavy rains due to the Southwest Monsoon. Reports from *NDRRMC* indicate that the flooding affected 2,276 families (13,630 persons), displaced 13,630 persons, 13,175 of which sought temporarily shelter with their relatives/friends' homes and 455 others in four (4) evacuation centres in Himamaylan City, Negros Occidental. Two (2) houses were partially damaged. 382 USD worth of assistance have been provided to the victims of the flood. National and local disaster management authorities are in close coordination for significant disaster and response updates as well for any further assistance that is needed.

## HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre (*ASMC*) showed high 7-day average rainfall spreading across Mainland Southeast Asia especially over the Andaman Sea and the coast of Myanmar and the southern coasts of Thailand, and coasts of Cambodia; moderately high rainfall is also spread across the whole of the Philippines, Sulawesi, and West Papua of Indonesia. As of reporting, there are no active tropical cyclone advisories for the region (*JTWC*).

## GEOPHYSICAL:

Nine (9) significant earthquakes ( $M \geq 5.0$ ) were recorded in the region by *Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika (BMKG)* and Myanmar's Department of Meteorology and Hydrology (*DMH*). Mount Semeru (alert level III), Anak Krakatau (alert level III), Ibu and Dukono (Alert Level II) in Indonesia and Taal Volcano (alert level 1), Bulusan Volcano (alert level 1), and Mount Kanlaon (alert level 1) in the Philippines reported recent volcanic activity according to the *Pusat Vulkanologi dan Mitigasi Bencana Geologi (PVMBG)* and the Philippine Institute of Volcanology and Seismology (*PHIVOLCS*).

## OUTLOOK:

According to the ASEAN Specialised Meteorological Centre (*ASMC*), for the coming week, wetter conditions are expected over most of the equatorial ASEAN region with the highest likelihood over the western Maritime Continent and the central parts and central-eastern parts of the equatorial region; drier conditions are expected over Mainland Southeast Asia; warmer temperatures are expected over the northern half of Mainland Southeast Asia. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in western/southern Borneo and Southern Sumatra and a moderate chance in Northern Sumatra, Peninsular Malaysia, eastern coastal Borneo, Sulawesi, Maluku Islands, and parts of West Papua; moderate increase in chance for extreme hot conditions in the Northern half of Mainland Southeast Asia. La Niña conditions are still present in the Pacific and weakening. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region. A negative Indian Ocean Dipole (IOD) is expected to establish by August. Negative IOD tend to bring wetter conditions to much of the southern ASEAN region.