



ONE ASEAN  
ONE RESPONSE

# WEEKLY DISASTER UPDATE

Week 15  
10-16 April 2023



The AHA Centre, GRAHA BNPB 13th floor,  
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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;  
Philippines: DROMIC, PAGASA, DSWD;

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.

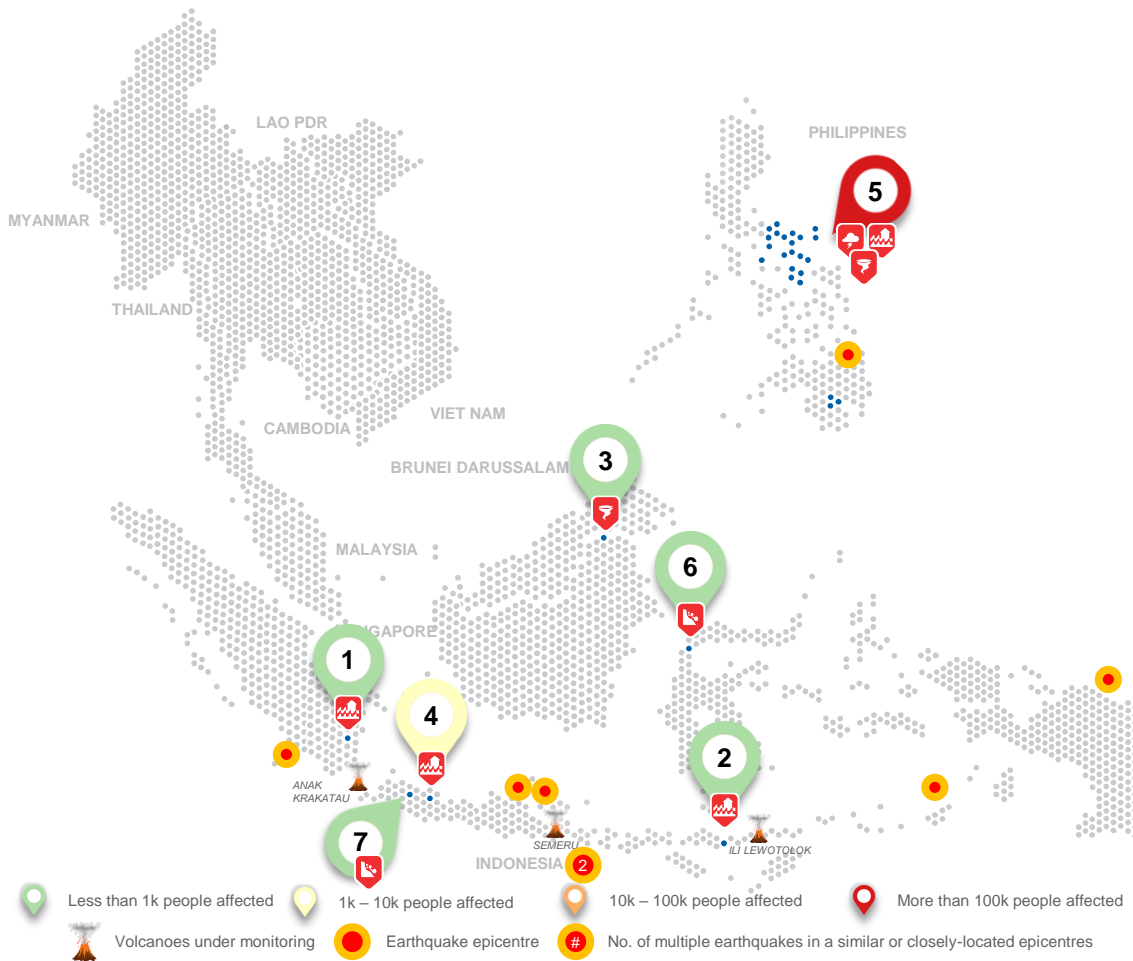
The use of boundaries, geographic names, related  
information, and potential considerations for response are  
for references, not warranted to be error-free or implying  
official endorsement from ASEAN Member States.

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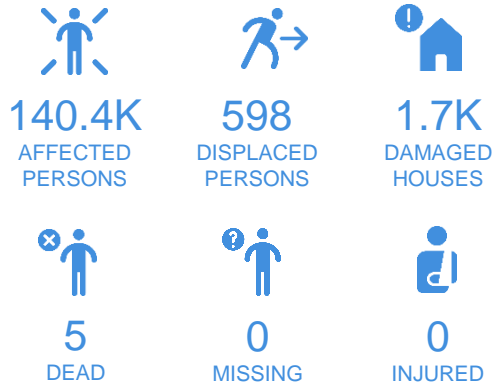
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## REGIONAL TALLY



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 [Mesuji Regency](#) (Lampung)**  
10 Apr 2023
- 02 Indonesia, Flooding in [Sikka Regency](#) (East Nusa Tenggara)**  
11 Apr 2023
- 03 Indonesia, Tornado in [Nunukan Regency](#) (North Kalimantan)**  
14 Apr 2023
- 04 Indonesia, Flooding in [Majalengka Regency](#) (West Java)**  
15 Apr 2023
- 05 Philippines, Floods and Winds in [Regions V, MIMAROPA, and XI](#) (TD 90W, local name: AMANG)**  
15 Apr 2023
- 06 Indonesia, Landslide in [Parigi Moutong Regency](#) (Central Sulawesi)**  
15 Apr 2023
- 07 Indonesia, Landslide in [Purwakarta Regency](#) (West Java)**  
15 Apr 2023

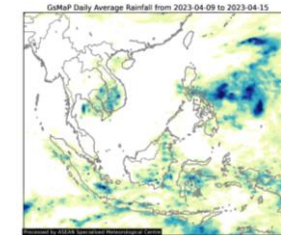
## REGIONAL SUMMARY:

For the fifteenth week of 2023, a total of 9 disasters (floods, landslides, storms, and tornado) affected the region. Indonesia and the Philippines have reportedly been affected. *Badan Nasional Penanggulangan Bencana (BNPB)* reported floods caused by moderate to heavy rainfall in Lampung, East Nusa Tenggara, and West Java. Landslides due to the combination of heavy rainfall and unstable soil conditions were also experienced in Central Sulawesi and West Java. The Philippines' Disaster Response Operations Monitoring Information Center ([DROMIC](#)) reported that Tropical Depression 90W (local name: AMANG), affected multiple regions (Region V, XI, and MIMAROPA) bringing flash floods, strong winds, and severe local storms.

## HIGHLIGHT:

According to [DROMIC](#), a low-pressure area that started to develop on 9 April 2023 progressed into a Tropical Depression that later impacted Regions V and MIMAROPA which has then dissipated around 14 April as it tracked towards the Eastern seaboard of Luzon. According to [DROMIC](#), 37.5K families (135K persons) were affected in 233 barangays in Regions V, XI, and MIMAROPA. A total of 598 persons were also reportedly internally displaced, 163 of which are temporarily staying with relatives and friends and 435 others, in 18 evacuation centres in Region V. A total of 125.7K USD worth of assistance have been provided by the Department of Social Welfare and Development (DSWD) and the local government units to those affected by the disaster. Local authorities continue to conduct assessments and necessary actions to address the situation. The AHA Centre stands ready to assist the Philippines.

## HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed medium to high 7-day average rainfall spreading across the Philippine Sea and the easter portion of the Philippines attributed to the development of INVEST 90W (local name: TD AMANG). Generally low rainfall was observed in Mainland Southeast Asia and portions of low-medium across Indonesia. According to the Joint Typhoon Warning Centre ([JTWC](#)), currently, there are no active tropical cyclone advisories for the region.

## GEOPHYSICAL:

Eight (8) significant earthquakes ( $M \geq 5.0$ ) were recorded by Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika ([BMKG](#)) and Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Semeru (alert level III) in Indonesia, and Taal (alert level 1), Mayon Volcano (alert level 1), 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, drier conditions are expected over much of Mainland Southeast Asia, the Malay Peninsula and parts of the central Maritime Continent. Warmer than usual temperatures are predicted over much of Mainland Southeast Asia and the Malay Peninsula in line with the predicted drier conditions over these regions. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in parts of the Southern Maritime Continent; very likely extreme hot conditions in parts of northern and eastern Mainland Southeast Asia. The tropical Pacific Ocean is now in ENSO neutral state and have little to no contribution to rainfall in the region.