



ONE ASEAN  
ONE RESPONSE

# WEEKLY DISASTER UPDATE

Week 15

11 – 17 Apr 2022



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: NDRRMC, PAGASA, 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 reference, not warranted to be error-free or implying  
official endorsement from ASEAN Member States.

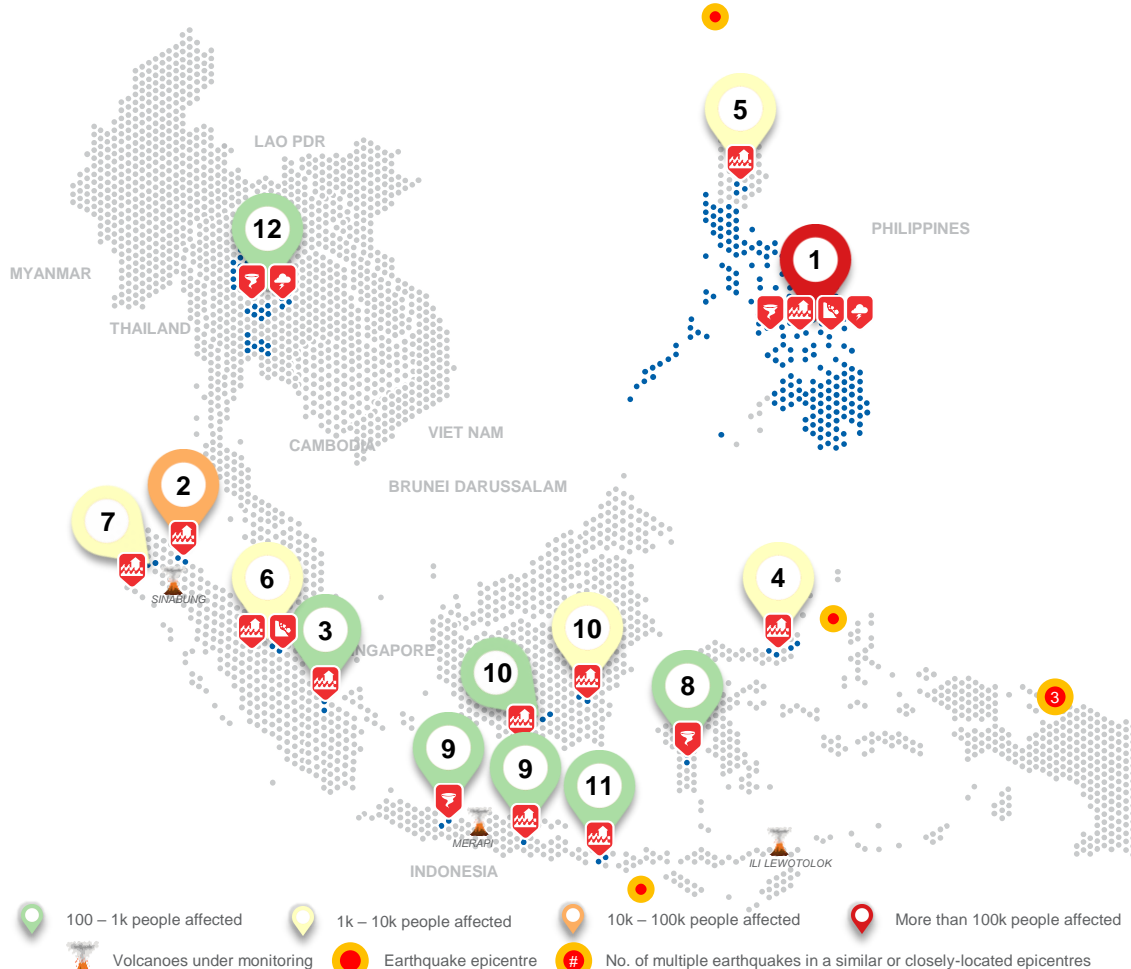
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100 – 1k people affected  
1k – 10k people affected  
10k – 100k people affected  
More than 100k people affected  
Volcanoes under monitoring  
Earthquake epicentre  
No. of multiple earthquakes in a similar or closely-located epicentres

## REGIONAL TALLY



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

- 01 Philippines, Flooding, Landslide, Storms, and Winds in [Region 5, 6, 7, 8, 10, 11, 12, CARAGA, and BARMM \(TC MEGI\)](#) from week 14 updated as of 18 Apr, 0700 HRS UTC+7**
- 02 Indonesia, Flooding in [Medan City \(2\)](#) (North Sumatra)**  
11, 16 Apr 2022
- 03 Indonesia, Flooding in [Banyuasin](#) Regency (South Sumatra)**  
12 Apr 2022
- 04 Indonesia, Flooding in [North Bolaang Mongondow](#) and [Southeast Minahasa](#) Regency (North Sulawesi)**  
13, 15 Apr 2022
- 05 Philippines, Flooding in [Bayombong](#) (Nueva Vizcaya)**  
13 Apr 2022
- 06 Indonesia, Flooding and Landslide in [Pekanbaru City](#) (Riau)**  
14 Apr 2022
- 07 Indonesia, Flooding in [Southeast Aceh](#) Regency (Aceh)**  
14 Apr 2022
- 08 Indonesia, Strong Wind in [Sidenreng Rappang](#) Regency (South Sulawesi)**  
15 Apr 2022
- 09 Indonesia, Flooding in [Malang City](#) (East Java) and Tornado in [Brebes Regency](#) (Central Java)**  
16, 16 Apr 2022
- 10 Indonesia, Flooding in [Pulang Pisau](#) (Central Kalimantan) and [Balangan](#) Regency (South Kalimantan)**  
16 Apr 2022
- 11 Indonesia, Flooding in [Mataram City](#) (West Nusa Tenggara)**  
16 Apr 2022
- 12 Thailand, Storms and Winds in [Northern, Northeastern, Eastern, and Central Regions](#)**  
16 Apr 2022

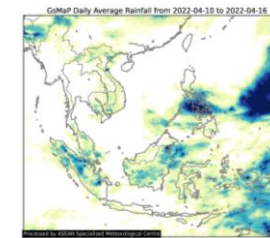
## REGIONAL SUMMARY:

For the fifteenth week of 2022, a total of 17 disasters (12 floods, 1 landslide, 1 storm, and 3 wind-related) affected the region. Indonesia, the Philippines, and Thailand have reportedly been affected. Heavy rainfall, strong wind, overflowing of the rivers, and high tide in the coastal area have caused flooding, rain-induced landslides, and wind-related events over Sumatra, Java, Nusa Tenggara, Kalimantan, and Sulawesi as reported by Indonesia's *Badan Nasional Penanggulangan Bencana (BNPB)*. The National Disaster Risk Reduction and Management Council ([NDRRMC](#)) reported that moderate to heavy rainfall due to a localised thunderstorm caused flooding in Nueva Vizcaya Province of the Philippines. Lastly, storms and wind-related events in the Northern, Northeastern, Eastern, and Central Regions of Thailand were reported by the Department of Disaster Prevention and Mitigation ([DDPM](#)).

## HIGHLIGHT:

As of 18 Apr 2022, the National Disaster Risk Reduction and Management Council ([NDRRMC](#)) reported that the impacts of Tropical Cyclone MEGI (local name: Agaton) in the Philippines (*from week 14*) has reached **584.1K families (2.01M persons) affected, 172 death, 110 missing, 8 injured, 346.6K displaced, and damaged 10.4K houses, 309 roads, and 15 bridges**. Damages to **infrastructure** amounting to **139K USD** and **agriculture** amounting to **5M USD**. In response, **1.01M USD worth of assistance** have already been provided to those affected by the effects of Tropical Cyclone MEGI in the Philippines. As of reporting, a total of **16 cities/municipalities** have declared a state of calamity related to the impacts of Tropical Cyclone MEGI. According to the NDRRMC, all operations are being managed at the regional level with support from the national. The AHA Centre shall continue to monitor and stands ready to support the affected member state if the need arises.

## HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall spreading across Sumatra, Kalimantan, and Papua in Indonesia; and Visayas, and southern parts of Luzon of the Philippines as well as the Philippine Sea associated with the development of TC MEGI (Agaton) and TC MALAKAS (Basyang). As of reporting, Tropical Disturbance INVEST 94P is located approximately 150 Km north-northwest of Gove Airport, Australia. INVEST 94P forecasted to move west-northwestward with steady intensification and consolidation, while INVEST 94W forecasted to tracks westward to northwestward and has a LOW chance of developing into a tropical cyclone in the next 24 hours. ([JTWC](#)).

## GEOPHYSICAL:

Six (6) significant earthquakes ( $M \geq 5.0$ ) were recorded in the region by Indonesia's *Badan Meteorologi, Klimatologi, dan Geofisika (BMKG)* and the Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Semeru (alert level III), Ibu (alert level II), Dukono (alert level II), and Anak Krakatau (alert level II) in Indonesia, and Taal Volcano (alert level 2), and Mount 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 over the southern Maritime Continent and central Mainland Southeast Asia (covering the eastern half of Myanmar and western half of Thailand); and cooler conditions are expected over much of Mainland Southeast Asia and the northern half of the Malay Peninsula. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in Java region. La Niña conditions are still present in the Pacific but are weakening. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region.