



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 16
17-23 April 2023



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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, DSWD, 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.

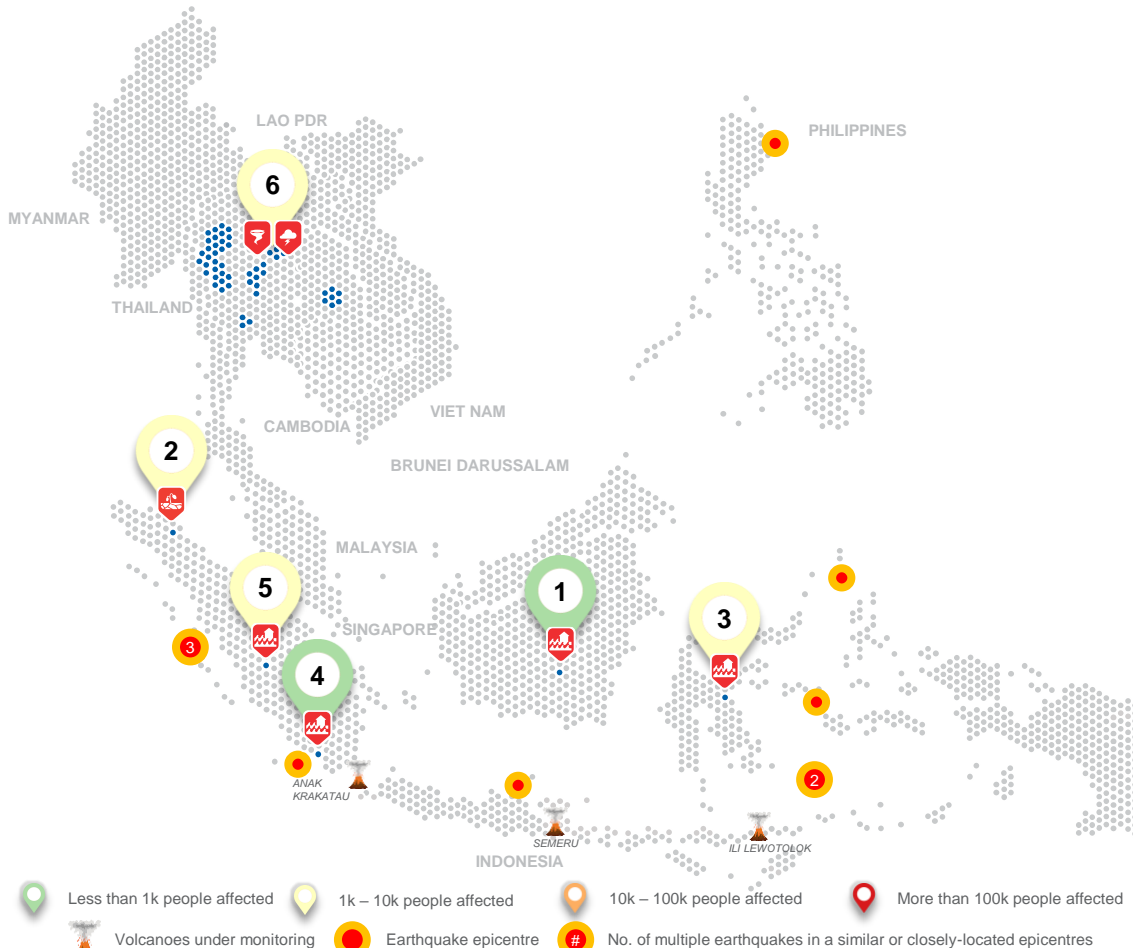
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Less than 1k people affected | 1k – 10k people affected | 10k – 100k people affected | More than 100k people affected
Volcanoes under monitoring | Earthquake epicentre | No. of multiple earthquakes in a similar or closely-located epicentres

REGIONAL TALLY



- 01 Indonesia, Flooding in [Kapas Regency \(Central Kalimantan\)](#)
17 Apr 2023
- 02 Indonesia, Drought in [Aceh Tamian Regency \(Aceh\)](#)
17 Apr 2023
- 03 Indonesia, Flooding in [North Morowali Regency \(Central Sulawesi\)](#)
17 Apr 2023
- 04 Indonesia, Flooding in [Ogan Komering Ulu Selatan \(South Sumatra\)](#)
22 Apr 2023
- 05 Indonesia, Flooding in [Tebo Regency \(Jambi\)](#)
23 Apr 2023
- 06 Thailand, Storms and Winds in [11 Provinces](#)
23 Apr 2023

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

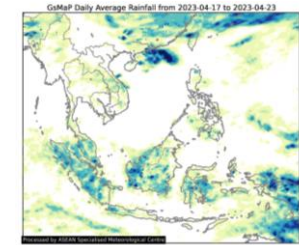
REGIONAL SUMMARY:

For the sixteenth week of 2023, a total of 6 disaster events (caused by flooding, drought, storms, and wind hazards) were reported for the region particularly in Indonesia and Thailand. *Badan Nasional Penanggulangan Bencana (BNPB)* reported floods caused by heavy rainfall in Central Kalimantan and Jambi, floods due to heavy rainfall and the overflowing of a river in Central Sulawesi, and drought in Aceh. Thailand's Department of Disaster Prevention and Mitigation ([DDPM](#)) reported that severe local storms and strong winds have affected 11 of its provinces.

HIGHLIGHT:

According to [BNPB](#), heavy rainfall has caused flooding in North Morowali Regency in Central Sulawesi. The reported flooding has affected 1.9K families (4.7K people) particularly in Perasia Timur Subdistrict. The floods also caused the internal displacement of 64 people and for 1.9K houses to be damaged. The disaster is still within the local capacity to respond. Rapid assessments, evacuation, and other necessary action have been undertaken by the responsive authorities. The AHA Centre stands ready to assist [BNPB](#) when the need arises.

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 Indonesia, Brunei Darussalam, Eastern and Peninsular Malaysia, and Singapore. Generally low rainfall was observed in Mainland Southeast Asia According to the Joint Typhoon Warning Centre ([JTWC](#)), currently, there are no active tropical cyclone advisories for the region.

GEOPHYSICAL:

Ten (10) significant earthquakes (M≥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, there is a low chance of very heavy rainfall over parts of the southern Maritime Continent, including Java. There is also a low chance of warmer than usual temperatures over parts of northern Myanmar, southern Philippines, and Maluku Islands, though mainly over the ocean regions. The tropical Pacific Ocean is now in ENSO neutral state. In this state, the contribution to rainfall of the ENSO is small to non-existent on a seasonal timescale.