



ONE ASEM
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 21
24 – 30 May 2021



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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.

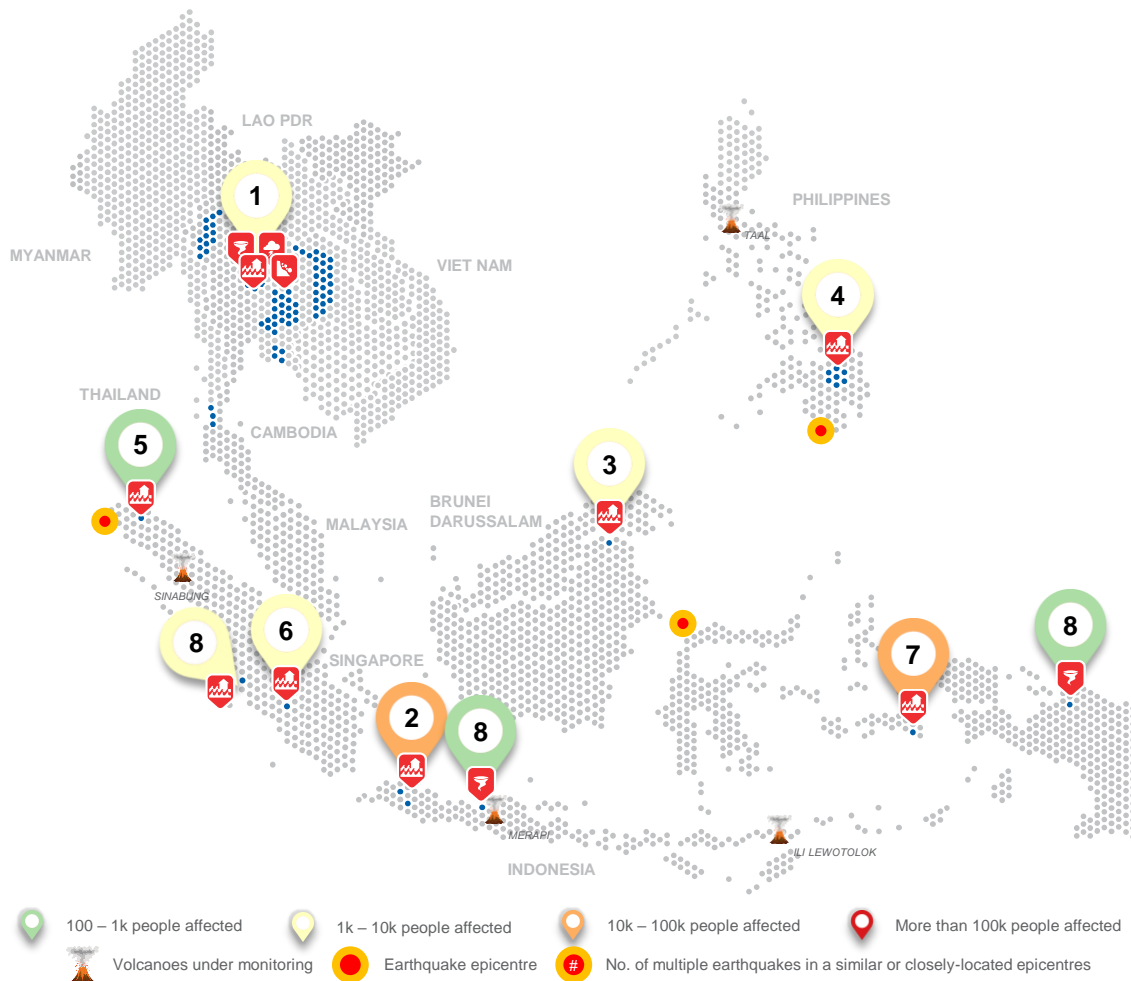
The use of boundaries, geographic names, related
information, and potential considerations for response are
for reference, not warranted to be error-free or implying
official endorsement from ASEAN Member States.

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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 Thailand, [Thunderstorms, Winds, Floods, and Landslides in 18 Provinces \(TC YAAS\)](#)

24 May 2021

02 Indonesia, [Flooding in Bandung and Bekasi Regency \(West Java\)](#)

25, 29 May 2021

03 Indonesia, [Flooding in Nunukan \(North Kalimantan\)](#)

25 May 2021

04 Philippines, [Flooding in Bukidnon \(Region X\)](#)

25 May 2021

05 Indonesia, [Flooding in Lhokseumawe City \(Aceh\)](#)

26 May 2021

06 Indonesia, [Flooding in Musi Rawas Regency \(South Sumatra\)](#)

27 May 2021

07 Indonesia, [Flooding in Eastern Seram Regency \(Maluku\)](#)

27 May 2021

08 Other Events: Indonesia – [Pesisir Selatan \(28 May\)](#), [Memberamo Raya \(28 May\)](#), [Semarang City \(29 May\)](#)

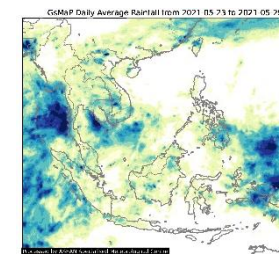
REGIONAL SUMMARY:

A total of 14 disasters (9 floods, 1 landslide, 3 wind-related, and 1 storm) affected the region in the 21st week of 2021. Indonesia, the Philippines, and Thailand have reportedly been affected. Several localised prolonged heavy rainfall which caused some rivers to overflow, strong winds, and tidal waves caused disasters in Indonesia as reported by Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)). In the Philippines, due to the easterlies and the effects of the Inter-Tropical Convergence Zone, flooding was reported in Region X by the National Disaster Risk Reduction and Management Council ([NDRRMC](#)). Lastly, Thailand's Department of Disaster Prevention and Mitigation ([DDPM](#)) reported that Tropical Cyclone Yaas caused thunderstorms, winds, floods, and landslide in 24 provinces.

HIGHLIGHT:

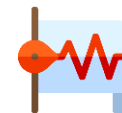
According to a report from [BNPB](#), the flooding triggered by prolonged high intensity rain on 25 May at 0400 HRS UTC+7 has affected Dayeuhkolot, Baleendah, Bojongsoang, and Margarahayu Sub-district in Bandung, West Java. As many as 16.9K families (59.8K persons) have been affected, and 8.8K houses, 18 schools, and 28 places of worship damaged. Dayeuhkolot, Baleendah, and Bojongsoang have been previously flooded in January and March since Bandung Regency is subject to frequent flooding according to InaRISK. Local disaster management agencies have taken appropriate actions—coordination, evacuation, data collection etc.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) shows high average rainfall in the west coast of Thailand and Western Pacific Ocean associated to the development of Tropical Cyclone Yaas and TS 04W (Dante) respectively. As of reporting, there is a Tropical Storm 04W (Dante) within the Philippine Area of Responsibility (PAR) and is likely to remain in the Philippine sea throughout the forecast period ([PAGASA](#)).

GEOPHYSICAL:



Three (3) 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](#)). Ili Lewotolok (on Alert Level III) and Taal (Alert Level 2) reported recent volcanic activity and is under close monitoring. Lastly, Kerinci, Semeru, and Dukono in Indonesia remain on Alert Level II and Mayon and Kanlaon in the Philippines on Alert Level 1 despite recent volcanic activity per [PVMBG](#) and [PHIVOLCS](#).

OUTLOOK:



For the coming week, the [ASMC](#) forecasts drier conditions in mainland and Southern Southeast Asia and Central Equatorial region; wetter conditions in Central and Southern Philippines; and warmer temperatures over much of the region. There is a small chance for a very heavy rainfall event in Central Philippines; moderate chance for extended dry conditions in much of mainland Southeast Asia, eastern Borneo, Sulawesi, Maluku Islands, southern Papua; and very likely extreme hot conditions in much of mainland Southeast Asia and moderate chance for the Southeastern Maritime Continent.