



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 52
10 Dec 22 – 1 Jan 23

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The AHA Centre, GRAHA BNPB 13th floor,
Jl. Raya Pramuka Kav. 38, East Jakarta 13120 Indonesia

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, 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.

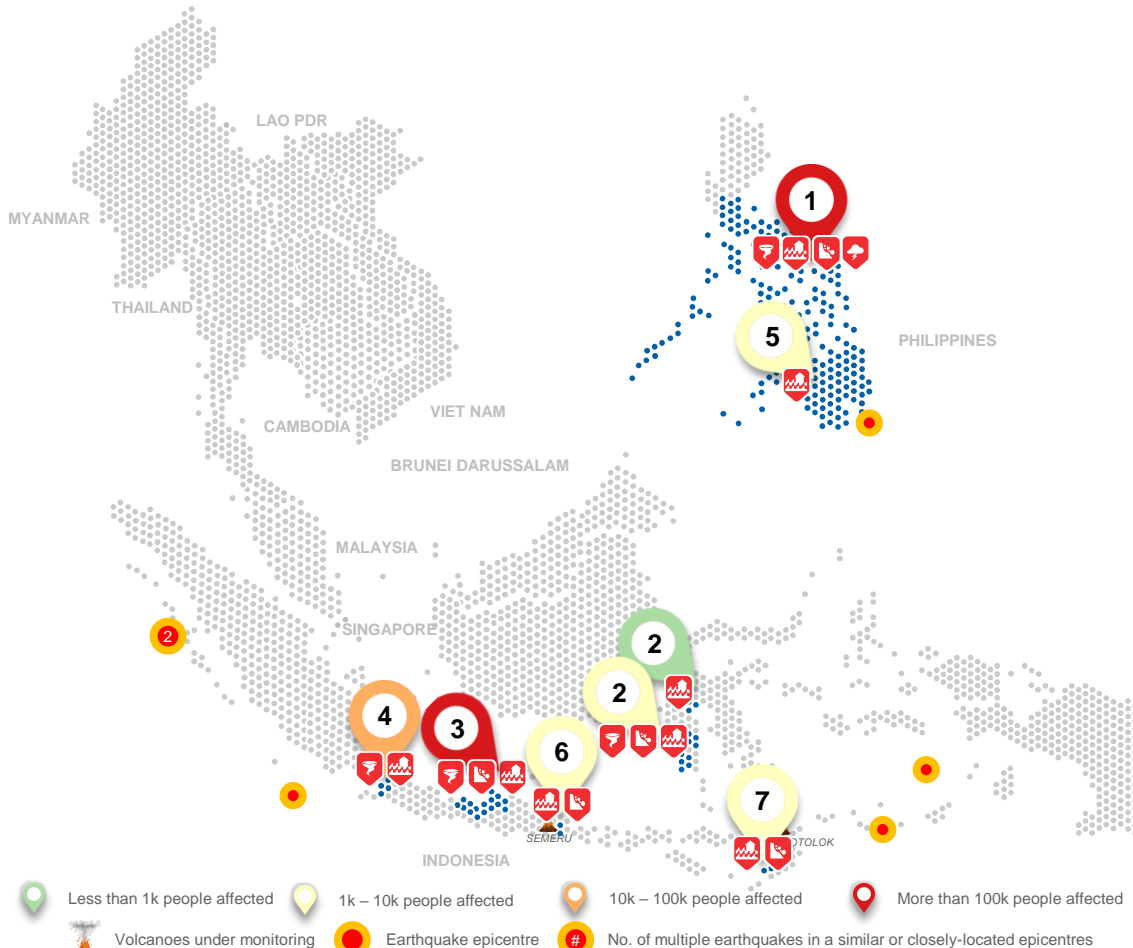
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SCAN TO SUBSCRIBE



- 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 Philippines, Flooding, Landslide, Storms, and Winds in Region V, VI, VII, VIII, IX, X, XI, MIMAROPA, CARAGA, and BARMM from week 51 updated as of 2 Jan 2023, 0700 HRS UTC+7
19 Dec 2022

02 Indonesia, Strong Wind, Flooding, Landslides, and Tornado in Wajo, Makassar City (2), Gowa, North Luwu, and Jeneponto Regency (South Sulawesi)
26, 26, 26, 27, 29, 30 Dec 2022

03 Indonesia, Strong Wind, Flooding, and Landslide in Kendal, Grobogan (2), Jepara (2), Kendal, Pekalongan, Demak, Pati, Kudus Regency, Semarang City, and Pekalongan City (Central Java)
26, 27, 29, 30, 31, 31, 31, 31, 31, 31, 31 Dec 2022, 1 Jan 2023

04 Indonesia, Flooding and Strong Wind in Serang (2), Pandeglang (2), and Tangerang (2) Regency (Banten)
27, 27, 28, 30, 30, 31 Dec 2022

05 Philippines, Flooding in Lanao del Norte (BARMM)
27 Dec 2022

06 Indonesia, Flooding and Landslides in Jember Regency (East Java)
28 Dec 2022

07 Indonesia, Flooding and Landslides in Kupang Regency (East Nusa Tenggara)
28 Dec 2022

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

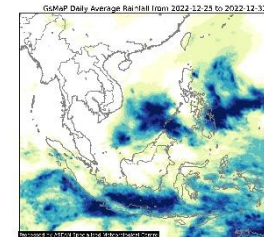
REGIONAL SUMMARY:

For the fifty-second week of 2022, a total of 35 disasters (23 floods, 7 landslides, and 5 wind-related) affected the region. Indonesia and the Philippines have reportedly been affected. *Badan Nasional Penanggulangan Bencana (BNPB)* reported floods and landslides caused by prolonged heavy rainfall and overflowing of rivers accompanied by strong winds in South Sulawesi, Central and East Java, Banten, and East Nusa Tenggara of Indonesia. The Philippines' National Disaster Risk Reduction and Management Council (*NDRRMC*) has also released an updated report on the storms, flooding, strong winds, and rain-induced landslides resulting from the effects of a shear line in MIMAROPA, CARAGA, and BARMM. Heavy rains due to a low pressure area also affected Lanao del Norte in BARMM. According to the ASEAN Specialised Meteorological Centre (*ASMC*), 15 December 2022 also marked the start of the dry season for the Northern ASEAN region.

HIGHLIGHT:

For the past week, according to *BNPB*, 19 disaster events have resulted in 325.4K persons affected, 5.2K internally displaced, and 75.4K houses damaged. The months of November to March are traditionally wet (the rainy season) for Java. The disasters were reportedly caused by extreme weather conditions (prolonged heavy rainfall accompanied by strong winds) and the overflowing of rivers. The reported disaster events are within the capacity of *BNPB* and the local disaster management authorities. Necessary actions to address the victims' needs as well as the situation (coordination, evacuation, rapid assessments, etc.) have been carried out by responsible agencies and authorities.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre (*ASMC*) showed high 7-day average rainfall spreading across South Sumatra, Java, Nusa Tenggara, and Papua in Indonesia; the Eastern seaboard of the Philippines as well as Palawan. Relatively low rainfall can be observed for Mainland Southeast Asia attributed to the dry season as announced by the *ASMC* on 15 December 2022. According to the Joint Typhoon Warning Centre (*JTWC*), there are no active tropical cyclone advisories as of reporting.

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) in Indonesia, and Taal (alert level 1), Kanlaon (alert level 1), Bulusan (alert level 1), and Mayon Volcano (alert level 2) in the Philippines reported recent volcanic activity according to the *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 Northeastern Maritime Continent extending to the southeastern Mainland Southeast Asia. Cooler than usual temperatures is predicted over much of central and eastern Mainland Southeast Asia as well as much of the western and southern Maritime Continent. For the regional assessment of extremes, there is a small increase in chance for a heavy rainfall event to occur in Southern Viet Nam and Northern Philippines; and a low chance for extreme hot conditions. La Niña conditions have been present. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region.