



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 40
3 - 9 October 2022

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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;
Malaysia: NADMA;
Philippines: NDRRMC, PAGASA, PHIVOLCS;

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.

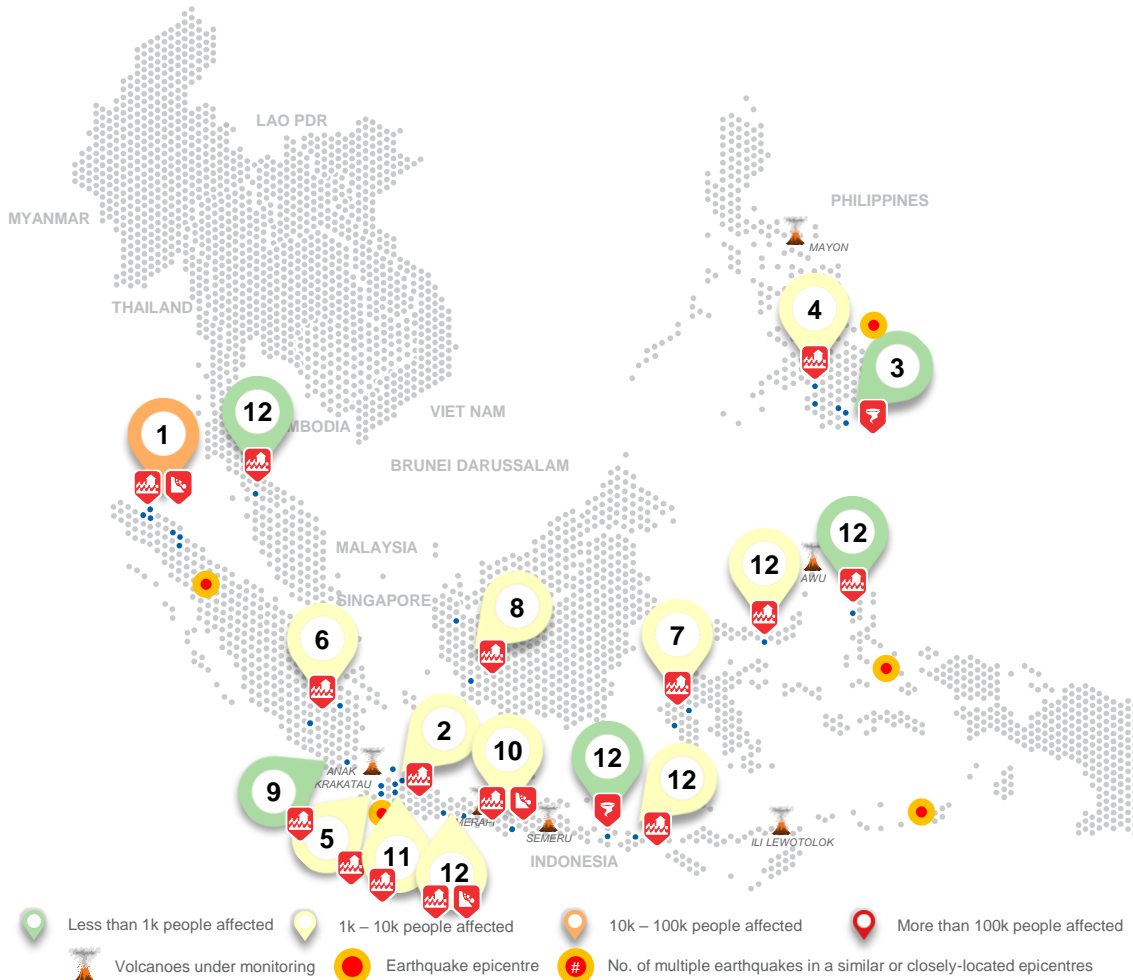
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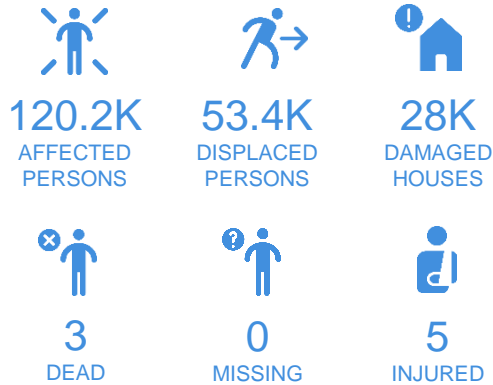
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SCAN TO SUBSCRIBE



- 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



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 [North Aceh](#), [Aceh Tamiang](#), [Lhokseumawe City](#), [Bireun](#), [Langsa City](#); Flooding and Landslide in [East Aceh](#) (Aceh)**
4, 5, 6, 7, 8; 7 Oct 2022
- 02 Indonesia, Flooding in [DKI Jakarta](#) (2)**
4, 6 Oct 2022
- 03 Philippines, Strong Winds in [Davao Occidental](#)**
4 Oct 2022
- 04 Philippines, Flooding in [Maguindanao](#) (BARMM)**
4 Oct 2022
- 05 Indonesia, Flooding in [South Tangerang City](#) (2), [Serang](#), [Lebak](#) (Banten)**
4, 6, 7, 9 Oct 2022
- 06 Indonesia, Flooding in [Palembang City](#); [Muara Enim](#) (South Sumatra)**
5, 6 Oct 2022
- 07 Indonesia, Flooding in [Palopo City](#) (South Sulawesi); [Polewali Mandar](#) (West Sulawesi)**
6 Oct 2022
- 08 Indonesia, Flooding in [Ketapang](#), [Sanggau](#) (West Kalimantan)**
6, 7 Oct 2022
- 09 Indonesia, Flooding in [South Lampung](#) (Lampung)**
6 Oct 2022
- 10 Indonesia, Flooding and Landslide in [Trenggalek](#) (East Java)**
7 Oct 2022
- 11 Indonesia, Flooding in [Bekasi](#), [Bekasi City](#), [Bogor](#) (West Java)**
7, 7, 7 Oct 2022
- 12 Other events: Indonesia – [Kebumen](#) (7-10), [Kendal](#) (8-10), [Bone Bolango](#) (8-10), [Sumbawa](#) (8-10), [Cilacap](#) (7-10), [Langkat](#) (8-10), [East Lombok](#) (9-10), [West Halmahera](#) (9-10); Malaysia – [Baling](#) (9-10)**

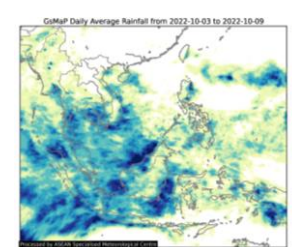
REGIONAL SUMMARY:

For the fortieth week of 2022, a total of 36 disasters (19 floods, 3 landslides, and 2 storms) affected the ASEAN region. Indonesia, the Philippines, and Malaysia have reportedly been affected. Flooding due to long durations of heavy rainfall and the overflowing of rivers were reported by *Badan Nasional Penanggulangan Bencana (BNPB)* in Aceh, Banten, South Sumatra, South and West Sulawesi, West Kalimantan, Lampung, East, Central, and West Java, Gorontalo, Nusa Tenggara, and West Halmahera. Second, Malaysia's Agensi Pengurusan Bencana Negara (*NADMA*) reported flooding to have occurred in Baling in Kedah. Lastly, the Philippines' National Disaster Risk Reduction and Management Council (*NDRRMC*) reported that localised thunderstorms and strong winds brought by the Intertropical Convergence Zone (ITCZ) resulted in disasters in Davao Occidental and Maguindanao.

HIGHLIGHT:

According to the [BNPB](#), flooding incidents occurred in numerous areas in Jakarta Raya and West Java due to continuous rain caused by the start of the monsoon season in Indonesia. Based on the progress report, a total of 25.6K persons were affected and at least 856 persons are displaced, and the flooding has also caused three (3) death. As of reporting, local disaster management authorities have carried out necessary actions to address the situation.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall spreading across Papua, Sumatera, and western parts of Kalimantan and Java in Indonesia; Malaysia; Singapore; Luzon of the Philippines; and southern parts of Myanmar, Thailand, Cambodia, and Viet Nam. As of reporting time, there's an area of disturbed weather, being referred to as Invest 98W which is around 645 NM east of Manila, Philippines. The potential for the development of TC is low. (PDC, JTWC).

GEOPHYSICAL:

Five (5) significant earthquakes (M>5.0) were recorded in the region by Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika ([BMKG](#)) and Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Semeru (alert level III), Ili Lewotolok (alert level III), Anak Krakatau (alert level III), and Merapi (alert level III) in Indonesia, and Mount Taal (alert level 1), Kanlaon (alert level 1), and Mount Mayon (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 predicted over much of the southern ASEAN; drier conditions are expected over the western Maritime Continent; cooler temperatures is predicted over much of the central Maritime Continent in line with the wetter conditions. For the regional assessment of extremes, there is a small increase in chance for Southern Maritime continent and parts of Viet Nam; a small increase in chance for extreme hot conditions in Southeastern Maritime Continent. La Niña conditions have been present. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region. A negative Indian Ocean Dipole (IOD) is now likely also present. Negative IOD tends to bring wetter conditions to much of the southern ASEAN region.