ONE **ASEAN**
ONE **RESPONSE**

WEEKLY DISASTER UPDATE

Week 44
31 Oct – 6 Nov 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.

For inquiries, comments, and/or suggestions, you may reach us through dma@ahacentre.org

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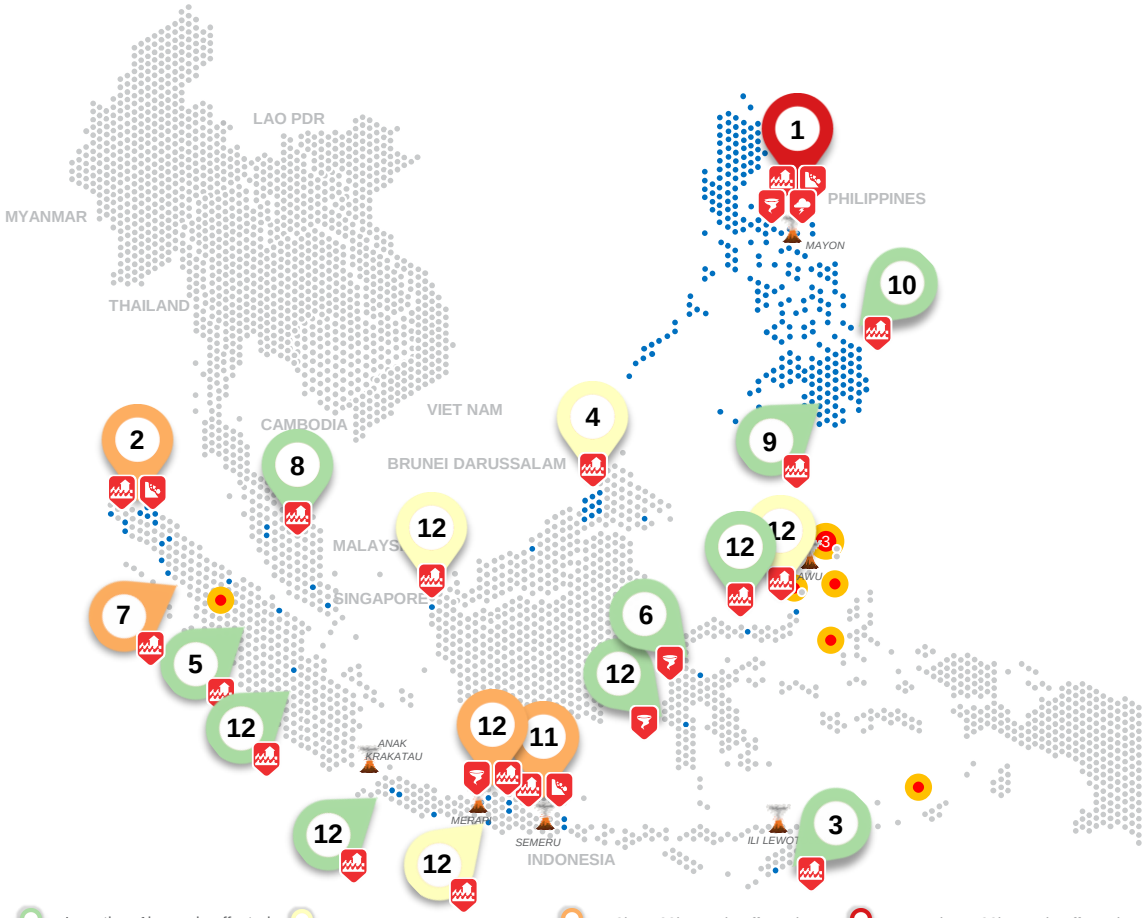


Less than 1k people affected | 1k – 10k people affected | 10k – 100k people affected | More than 100k people affected

Volcanoes under monitoring | Earthquake epicentre | No. of multiple earthquakes in a similar or closely-located epicentres

REGIONAL TALLY

156K
AFFECTED PERSONS

7.4K
DISPLACED PERSONS

28.3K
DAMAGED HOUSES

3
DEAD

0
MISSING

1
INJURED

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, Winds, & Storms (TC NALGAE) from week 43 updated as of 7 Nov, 0700 UTC+7
28 Oct 2022

02 Indonesia, Flooding in East Aceh, Subulussalam City, Nagan Raya, Aceh Tamiang, Aceh Singkil, Southeast Aceh, Langsa City, North Aceh, West Aceh, & Aceh Jaya; Flooding & Landslide in Aceh Singkil & East Aceh (Aceh)
31 Oct-5 Nov 2022

03 Indonesia, Flooding in Timor Tengah Utara Regency (East Nusa Tenggara)
31 Oct 2022

04 Malaysia, Flooding in Sabah & Sarawak
1 Nov 2022

05 Indonesia, Flooding Bengkalis Regency (Riau)
1 Nov 2022

06 Indonesia, Tornado in Poso Regency (Central Sulawesi)
1 Nov 2022

07 Indonesia, Flooding in Langkat, Labuhan Batu Utara, & Batubara (North Sumatra)
2 Nov 2022

08 Malaysia, Flooding Pahang and Johor
2 Nov 2022

09 Philippines, Flooding in Quirino (Sultan Kudarat)
2 Nov 2022

10 Philippines, Storm in Tubajon (Dinagat Islands)
2 Nov 2022

11 Indonesia, Flooding & Landslide in Banyuwangi & Trenggalek; Flooding in Bojonegoro; Strong Wind in Madiun & Bondowoso (East Java)
3, 3, 4, 5, 5 Nov 2022

12 Other events: Indonesia – Cilacap (3-11), Bogor (5-11), Sidenreng Rappang (5-11), Batang Hari (5-11), Minahasa (5-11), Singkawang City (6-11), Kenal (6-11), Gorontalo (6-11), Semarang City (6-11)

REGIONAL SUMMARY:

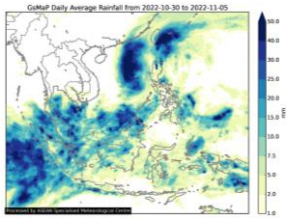
For the forty-fourth week of 2022, a total of 33 disasters (28 floods, 1 storm, and 4 wind-related) affected the ASEAN region. Indonesia, Malaysia, and the Philippines were reportedly affected. Flooding due to long durations of heavy rainfall and the overflowing of rivers were reported by *Badan Nasional Penanggulangan Bencana* (BNPB) in Aceh, East Nusa Tenggara, Riau, Central Sulawesi, North Sumatra, East and Central Java, and North, South, and Central Sulawesi. Second, the Philippines' National Disaster Risk Reduction and Management Council (NDRRMC) reported that TD 27W (local name: "Queenie") resulted in disasters Mindanao. Lastly, *Agensi Pengurusan Bencana Negara* (NADMA) of Malaysia reported that flooding occurred in Sabah, Sarawak, Johor, and Pahang.

HIGHLIGHT:

As of 7 Nov, NDRRMC reported that the impact of TC NALGAE has resulted in 156 dead, 141 injured, 37 missing, 1.27M families (4.64M persons) affected from 17 regions, and 1.03M persons displaced (109K persons inside 951 evacuation centres and 920k outside). The AHA Centre has deployed DELSA relief items, 2 ICLT from the AHA Centre, 3-member ASEAN Emergency Response and Assessment Team (ERAT) from Brunei Darussalam, Malaysia, and Singapore, and 6 in-country ASEAN-ERAT members to support the ongoing assessment and provision of humanitarian response.

Meanwhile, from the previous week in Indonesia, according to the BNPB, continuous heavy rainfall has resulted in 12 flooding and rain-induced landslides events in Aceh and Sumatra. Based on the progress report, a total of 86.4K persons were affected and at least 4K persons are displaced, and the flooding has also caused two (2) deaths. 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 Indonesia; Malaysia; Brunei Darussalam; several regions of in the Philippines; Southern Region of Thailand; As of reporting, there are no active tropical cyclone advisories for the ASEAN region (JTWC).

GEOPHYSICAL:

Eight (8) significant earthquakes (M>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), Anak Krakatau (alert level III), Merapi (alert level III), and Ili Lewotolok (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), wetter conditions are expected over parts of central Maritime Continent and Malay Peninsula; Drier conditions over much of central and western Mainland Southeast Asia; Cooler conditions over much of central and eastern Mainland Southeast Asia and the southern Maritime Continent. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in central parts of Mainland Southeast Asia, and a moderate chance in Viet Nam and southern Borneo; a moderate increase in chance for extreme hot conditions to occur in the Philippines and southeast and east of Indonesia. La Niña conditions have been present which tend to bring wetter conditions to much of the Maritime Continent. A negative Indian Ocean Dipole (IOD) is also present which tend to bring wetter conditions to much of the ASEAN region.