ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 34
22 – 28 August 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;
Myanmar: DDM;
Philippines: NDRRMC, PAGASA, PHIVOLCS, DSWD;
Thailand: DDPM; TMD;
Viet Nam: VNDMA;

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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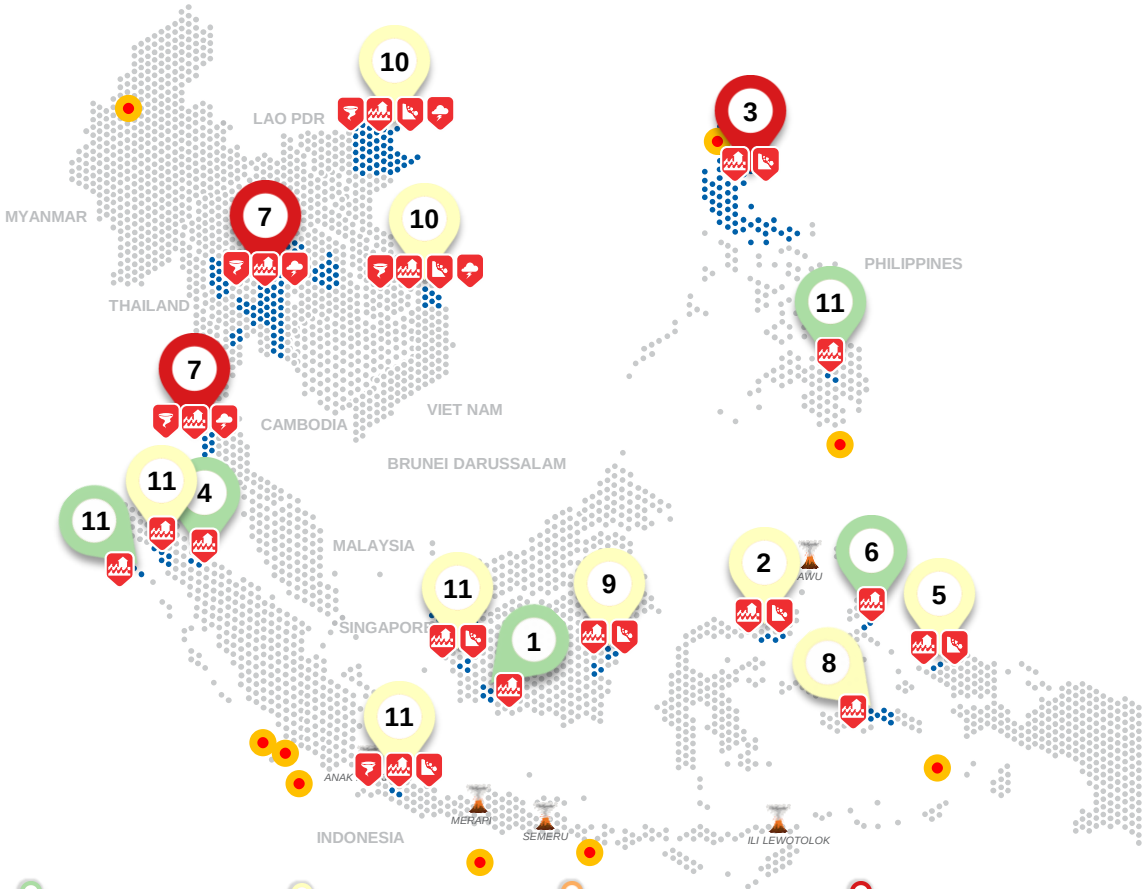


Less than 1k people affected | 1k – 10k people affected | 10k – 100k people affected | More than 100k people affected

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

REGIONAL TALLY

262.9K	4.9K	26.9K
AFFECTED PERSONS	DISPLACED PERSONS	DAMAGED HOUSES

11	0	14
DEAD	MISSING	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 Indonesia, Flooding in Sukamara and West Kota Waringin Regency (Central Kalimantan)
22, 23 Aug 2022

02 Indonesia, Flooding and Landslide in Bone Bolango (Gorontalo) and South Bolaang Mongondow Regency (North Sulawesi)
22, 23 Aug 2022

03 Philippines, Flooding and Landslide in Region 1, 2, 3, 5, 6, CALABARZON, CAR, and NCR (TC MA-ON)
22 Aug 2022

04 Indonesia, Flooding in Asahan Regency (North Sumatra)
22 Aug 2022

05 Indonesia, Flooding and Landslide in Sorong City (West Papua)
22 Aug 2022

06 Indonesia, Flooding in East Halmahera Regency (North Maluku)
23 Aug 2022

07 Thailand, Flooding, Storm, and Wind in 24 Provinces (TC MA-ON)
24 Aug 2022

08 Indonesia, Flooding in Western Seram (2) and Central Maluku Regency (Maluku)
24, 27, 27 Aug 2022

09 Indonesia, Flooding and Landslide in Panajem Paser Utara Regency (North Kalimantan) and Balikpapan City (East Kalimantan)
25, 25 Aug 2022

10 Viet Nam, Flooding, Landslide, Storm, and Wind in Quang Ninh, Hai Duong, Vinh Phuc, Tuyen Quang, Gia Lai, Bac Kan and Son La Province (TC MA-ON)
25 Aug 2022

11 Others: Indonesia – Kapuas Hulu (25-8), South Aceh (26-8), (27-8), Bogor City (27-8), Singkawang City (27-8), Bogor (27-8), Sumeulue (27-8), Aceh Singkil (28-8), Ketapang (28-8); **Philippines** – Bukidnon (26-8);

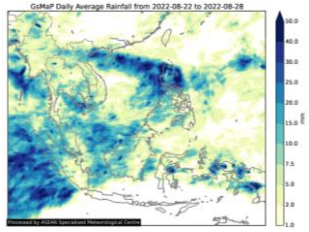
REGIONAL SUMMARY:

For the thirty-fourth week of 2022, a total of 36 disasters (24 floods, 7 landslides, 2 storms, and 3 wind-related) affected the region. Indonesia, the Philippines, Thailand, and Viet Nam have reportedly been affected. Flooding, landslides, and wind-related events due to prolonged moderate to heavy rainfall, strong wind, overflowing of rivers, and unstable soil condition were reported by *Badan Nasional Penanggulangan Bencana* (BNPB) in Aceh, North Sumatra, West Java, West Kalimantan, Central Kalimantan, East Kalimantan, North Kalimantan, Gorontalo, North Sulawesi, Maluku, North Maluku, and West Papua Province in Indonesia. The Philippines' National Disaster Risk Reduction and Management Council (NDRRMC) reported flooding and landslide caused by Tropical Cyclone MA-ON in Region 1, 2, 3, 5, 6, CALABARZON, CAR, and NCR, and flooding caused by the Intertropical Convergence Zone (ITCZ) in Region 10. The Department of Disaster Prevention and Mitigation (DDPM) of Thailand reported that Tropical Cyclone MA-ON and the Southwest Monsoon caused floods, storms, and winds which affected 24 provinces in Thailand. Lastly, The Viet Nam Disaster Management Authority (VNDMA) reported that floods, landslides, storms, and wind caused by Tropical Cyclone MA-ON have affected several provinces in Viet Nam.

HIGHLIGHT:

According to the NDRRMC, Tropical Cyclone (TC) MA-ON (Florita) made initial landfall in the east coast of Isabela or Cagayan on the morning of 23 August. At most Tropical Cyclone Wind Signal no. 2 was raised over some provinces in Regions I, II, III, and CAR. As of 29 August, the NDRRMC reported that 91 incidents (floods, landslides and other-related incidents) in Regions 6, 7, 8, 9, 10, 11, 12, CARAGA, and BARMM. NDRRMC reported the following: 31.9K families (129.8K persons) affected in 486 barangays, 1.6K persons displaced (286 inside evacuation centres, 993 outside), 3 dead, 4 injured; for damages, 72 houses, 45 roads, and 14 bridges were reportedly damaged. 10.3K USD worth of damage to agriculture and infrastructure was reported; for critical lifelines, 57 cities/municipalities reported power outage, 2 cities/municipalities reported water supply interruption, and 1 cities/municipalities reported communication interruption. A total of 154K USD worth of assistance have been provided to the affected persons. The AHA Centre stands ready to support the affected member state, is in constant coordination with NDRRMC-OCD, and continues to monitor 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 southern Parts of Cambodia; Papua, Maluku, Central Sulawesi, West Kalimantan, and North Sumatra in Indonesia; Northern Myanmar; Luzon of the Philippines and Northeastern parts of Viet Nam associated with the development of TC MA-ON. As of reporting time, there are no active tropical cyclone advisories for the ASEAN region (JTWC).

GEOPHYSICAL:

Nine (9) significant earthquakes (M≥5.0) were recorded in the region by *Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika* (BMKG), Myanmar's Department of Meteorology and Hydrology (DMH), and Philippine Institute of Volcanology and Seismology (PHIVOLCS). Mount Semeru (alert level III), Ibu (alert level II), and Dukono (alert level II) in Indonesia, and Taal Volcano (alert level 1), Mayon Volcano (alert level 1), and Mount Kanlaon (alert level 1) 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 much of the southern ASEAN region. The highest likelihood for wetter conditions is over areas between the equator and 5°S. Cooler conditions are expected over parts of the equatorial region. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur over much of the equatorial region; a small increase in chance for extreme hot conditions to occur over western and southern Myanmar. Weak 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.