



ONE ASEAN ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 37
12 – 18 September 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; Thailand: DDPM; 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.

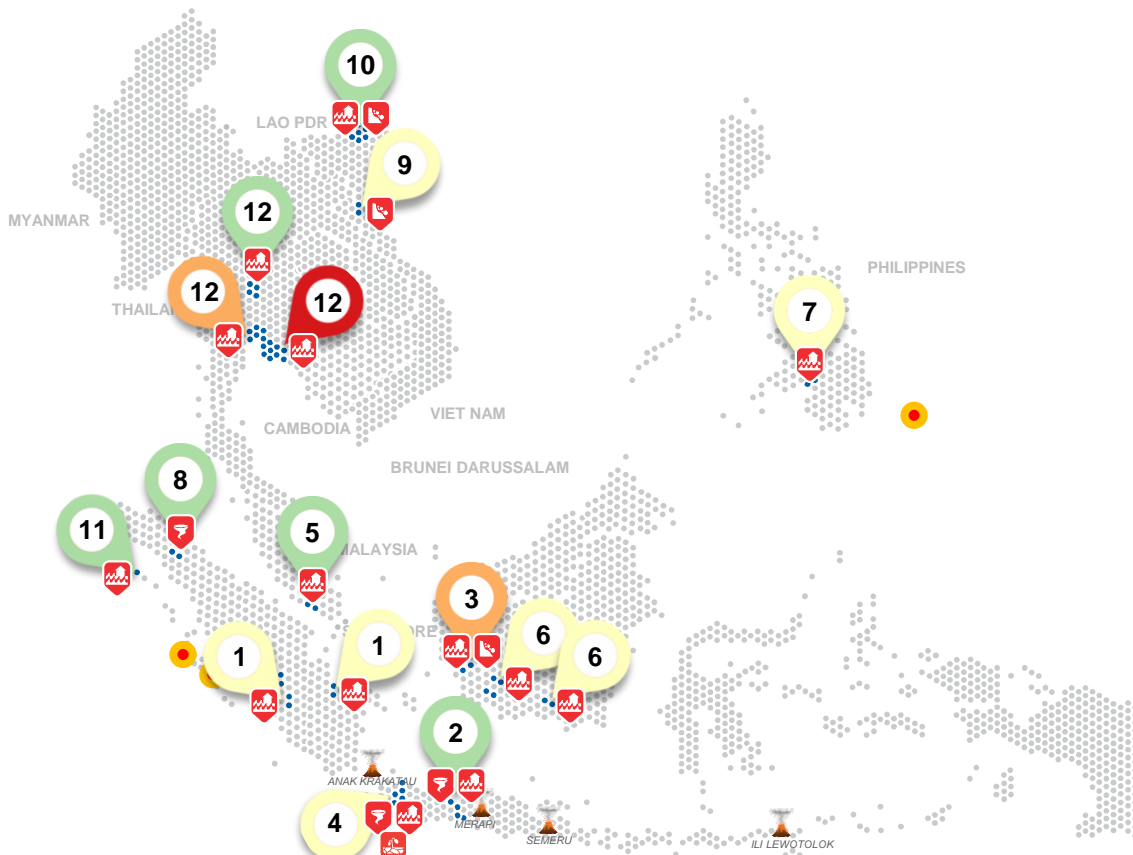
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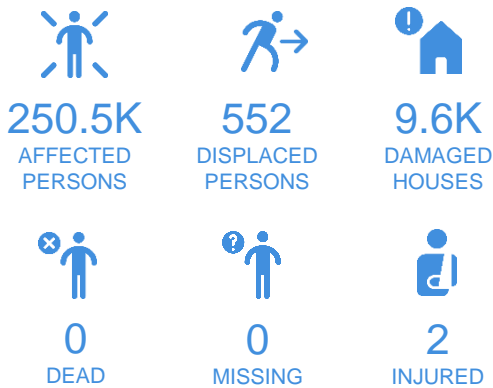
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SCAN TO SUBSCRIBE



- 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

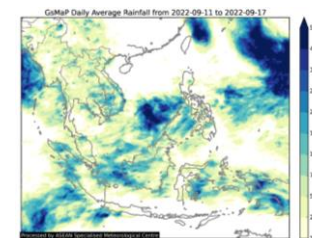
REGIONAL SUMMARY:

For the thirty-seventh week of 2022, a total of 25 disasters (1 drought, 16 floods, 4 landslides, and 4 wind-related) affected the region. Indonesia, Malaysia, the Philippines, Thailand, and Viet Nam have reportedly been affected. *Badan Nasional Penanggulangan Bencana (BNPB)* reported floods, landslides, and wind-related events caused by heavy rainfall, strong wind, overflowing of the rivers, and unstable soil condition in Aceh, North Sumatra, Jambi, South Sumatra, West Java, Central Java, West Kalimantan, and South Kalimantan Province, and Drought in Bekasi Regency in West Java. *Agensi Pengurusan Bencana Negara (NADMA)* reported that flooding occurred in Johor, Melaka, and Perak State, Malaysia. The Philippines' National Disaster Risk Reduction and Management Council (*NDRRMC*) reported flooding caused by localised thunderstorms in Bangsamoro Autonomous Region in Muslim Mindanao (BARMM). The Department of Disaster Prevention and Mitigation (*DDPM*) of Thailand reported floods in Singburi, Rayong, and Bangkok, Thailand. Lastly, The Viet Nam Disaster Management Authority (*VNDMA*) reported that floods and landslides in Ha Giang and Nghe An, Viet Nam.

HIGHLIGHT:

According to *DDPM*, from the 11th to the 15th of September, heavy rainfall and overflowing of the rivers have caused floods in Singburi, Rayong, and Bangkok. In total, the events have affected 39.2K families and no injuries or deaths have been reported by *DDPM*. According to *DDPM* as of 16 September, 0600 HRS UTC+7, flood depth has been reported to have increased in Singburi and to have started to decrease in Rayong and Bangkok. Meanwhile, in Ketapang Regency, West Kalimantan (Indonesia), flooding and landslide caused by heavy rainfall and overflowing of Jelai river on 13 September had affected 4.3K families (14.7K persons), displaced 36 persons, and damaged 3.9K houses, and 1 educational facility as reported by *BNPB*. Local disaster management agencies coordinate with relevant agencies to carried out necessary actions and continue to monitor and assess 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, southeast Sulawesi, central and western Kalimantan, and northern Sumatra in Indonesia; and South Central coast of Viet Nam. As of reporting time, TC NANMADOL is forecasted to move away from and not directly affect the ASEAN region (*JTWC*).

GEOPHYSICAL:

Three (3) 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), Ibu (alert level II), Dukono (alert level II), and Ili Lewotolok (alert level III) in Indonesia, and Taal (alert level 1), Mayon (alert level 1), and Kanlaon Volcano (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 most of the southern ASEAN region. Drier conditions are expected over parts of northeastern Mainland Southeast Asia. Cooler conditions are expected over parts of the central Maritime Continent. Warmer conditions are expected over parts of the southeastern Maritime Continent. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall to occur in the parts of southern and southeastern Maritime Continent; and a small increase in chance for extreme hot conditions to occur in Southeastern Indonesia and the Philippines. 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 established. Negative IOD tends to bring wetter conditions to much of the southern ASEAN region.

- 01 Indonesia, Flooding in Musi Banyuasin and Musi Rawas (South Sumatra) and Sarolangun Regency (Jambi)**
12, 12, 15 Sep 2022
- 02 Indonesia, Flooding in Cilacap and Tornado in Tegal Regency (Central Java)**
12, 13 Sep 2022
- 03 Indonesia, Flooding and Landslide in Ketapang Regency (West Kalimantan)**
13 Sep 2022
- 04 Indonesia, Strong Wind in Bandung, Drought in Bekasi, Landslide in Bogor, and Tornado in Sukabumi Regency (West Java)**
13, 14, 14, 17 Sep 2022
- 05 Malaysia, Flooding in in Batu Pahat (Johor), Alor Gadjah (Melaka), and Kerian (Perak)**
14, 18, 18 Sep 2022
- 06 Indonesia, Flooding in Pulang Pisau, Lamandau (2), and Sukamara Regency (Central Kalimantan)**
14, 14, 16, 17 Sep 2022
- 07 Philippines, Flooding in Lanao del Sur (BARMM)**
15 Sep 2022
- 08 Indonesia, Tornado in Southeast Aceh Regency (Aceh)**
15 Sep 2022
- 09 Viet Nam, Landslides in Ky Son (Nghe An)**
15 Sep 2022
- 10 Viet Nam, Flooding and Landslides in Ha Giang**
15 Sep 2022
- 11 Indonesia, Flooding in Nias Regency (North Sumatra)**
17 Sep 2022
- 12 Others: Thailand – Bangkok (15-9), Rayong (15-9), Singburi (15-9).**