10TH ANNIVERSARY
A DECADE OF ACTION: FROM INCEPTION TO TRANSFORMATION

ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 43
25 – 31 October 2021

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SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); ASEAN Specialised Meteorological Centre (ASMC); Joint Typhoon Warning Centre (JTWC)

Cambodia: NCDM
Indonesia: BNPB, BMKG, PVMBG;
Malaysia: NADMA;
Philippines: NDRRMC, PHIVOLCS, DSWD;
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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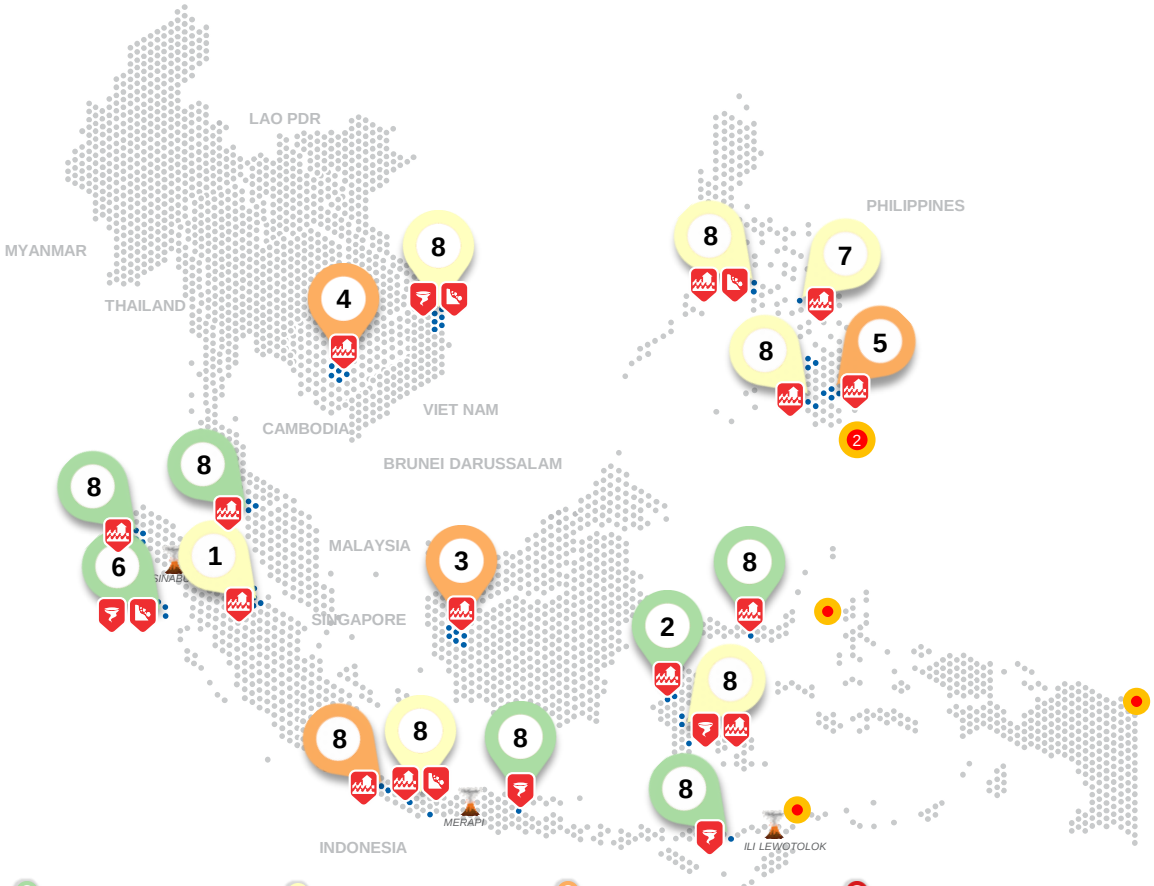


100 – 1k people affected
1k – 10k people affected
10k – 100k people affected
More than 100k people affected
Volcanoes under monitoring
Earthquake epicentre
No. of multiple earthquakes in a similar or closely-located epicentres

REGIONAL TALLY

83.7K AFFECTED PERSONS
12.1 DISPLACED PERSONS
14.3K DAMAGED HOUSES
1 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 Indonesia, Flooding in Siak Regency, Pekanbaru, and Dumai City (Riau)
25, 25, 30 Oct 2021

02 Indonesia, Flooding in Mamuju Regency (West Sulawesi)
25 Oct 2021

03 Indonesia, Flooding in Sanggau and Sekadau Regency (West Kalimantan)
25, 26 Oct 2021

04 Cambodia, Flooding in Phnom Penh, Khan Dangkor, and Khan Kambol
25, 27 Oct 2021

05 Philippines, Flooding in Davao del Norte and Davao del Sur (Region XI)
25 Oct 2021

06 Indonesia, Landslide and Strong Wind in Nias Regency (North Sumatra)
25 Oct 2021

07 Philippines, Flooding in Sogod (Cebu)
25 Oct 2021

08 Other events: Indonesia – Bogor (26-10), Wajo (26-10), Aceh Tenggara (26-10), Asahan (26-10), Garut (27-10), Cilacap (27-10), Serang (29-10), Pidie (29-10) Palopo (29-10), Sidoarjo (29-10), Gorontalo (30-10), Bogor (30-10), Sikka (30-10), Bandung (30-10), Luwu (30-10), South Tangerang (31-10) **Malaysia** – Baling and Pendang (26-10), **Philippines** – Bagumbayan (26-10), Cagayan de Oro, Opol, and Alubijid (27-10), Aklan (29-10), **Viet Nam** –Quang Ngai (27-10), Da Nang (27-10).

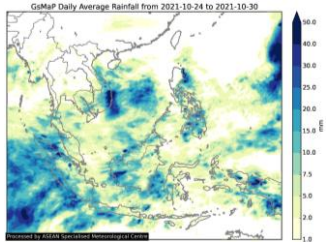
REGIONAL SUMMARY:

For the forty-third (43rd) week of 2021, a total of 39 disasters (27 floods, 7 wind-related, 4 landslides, and 1 storm) affected the region. Cambodia, Indonesia, Malaysia, the Philippines, and Viet Nam have reportedly been affected. Flooding was reported by the National Committee for Disaster Management (NCDM) in several areas. Localised heavy rainfall accompanied by strong winds has caused flooding and rain-induced landslides and resulted in disasters in Sumatra, Java, Sulawesi, and Kalimantan as reported by Indonesia's Badan Nasional Penanggulangan Bencana (BNPB). Flooding reportedly occurred in Kedah state of Malaysia according to the Agensi Pengurusan Bencana Negara (NADMA). For the Philippines, floods and a landslide were reported by the National Disaster Risk Reduction and Management Council (NDRRMC) which affected areas in Davao, Cebu, and Aklan. Lastly, the Viet Nam National Disaster Management Authority (VNDMA) reported strong winds and landslide in Quang Ngai.

HIGHLIGHT:

According to BNPB, flooding was reported in West Kalimantan particularly for the regencies of Sanggau and Sekadau. From 25-26 October, high-intensity rain caused the Kapuas River to overflow causing a flood that affected several Kecamatan in Sanggau Regency (Kapuas, Mukok, Jangkang, Tayan Hilir, and Meliau) and Sekadau Regency (Sekadau and Belitang). According to the report from BNPB, 3.3K families (10.6K persons) were affected, and 3.3K houses were damaged by the floods (flood depth ranging fro 30-100 cm) in Sanggau Regency. In Sekadau Regency, 3K families (10.4K persons) were affected, 2.2K persons were displaced, 1 person was dead and 3K houses were damaged. Local disaster management agencies, have coordinated with relevant authorities, conducted necessary data collection, and carried out flood monitoring. As of reporting, light-intensity rain is forecasted for West Kalimantan.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed noticeably high 7-day average rainfall in South Central Coast of Viet Nam (related to the development of INVEST 99W), in parts of Sumatra, Kalimantan, and Papua of Indonesia, and parts of Northern and Southern Philippines. As of reporting, no tropical cyclone advisories have been issued by the JTWC.

GEOPHYSICAL:

Five (5) 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). Ili Lewotolok in Indonesia (alert level III) and Taal in the Philippines (alert level II) reported recent volcanic activity and are under close monitoring. Volcanic activity was also reported for Semeru, Krakatau, Ibu, and Dukono in Indonesia, and Kanlaon in the Philippines according to Pusat Vulkanologi dan Mitigasi Bencana Geologi (PVMBG) and PHIVOLCS.

OUTLOOK:

According to the ASEAN Specialised Meteorological Centre (ASMC), for the coming week, wetter conditions should be expected over much of the southern ASEAN region, southern parts of Thailand, Cambodia, and Viet Nam, and parts of northern Mainland Southeast Asia (parts of Myanmar and Lao PDR). Drier conditions should be expected for eastern Mainland Southeast Asia and Northern Philippines with warmer temperatures expected over much of the northern ASEAN region. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in northeastern Myanmar, northern Lao PDR, and northwestern Viet Nam and a moderate increase in chance for parts of the Maritime Continent south of the equator; a moderate increase in chance for extreme hot conditions in Lao PDR, northern and central Viet Nam, and the Philippines.