



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 45
7 - 13 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;
Thailand: DDPM;

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.

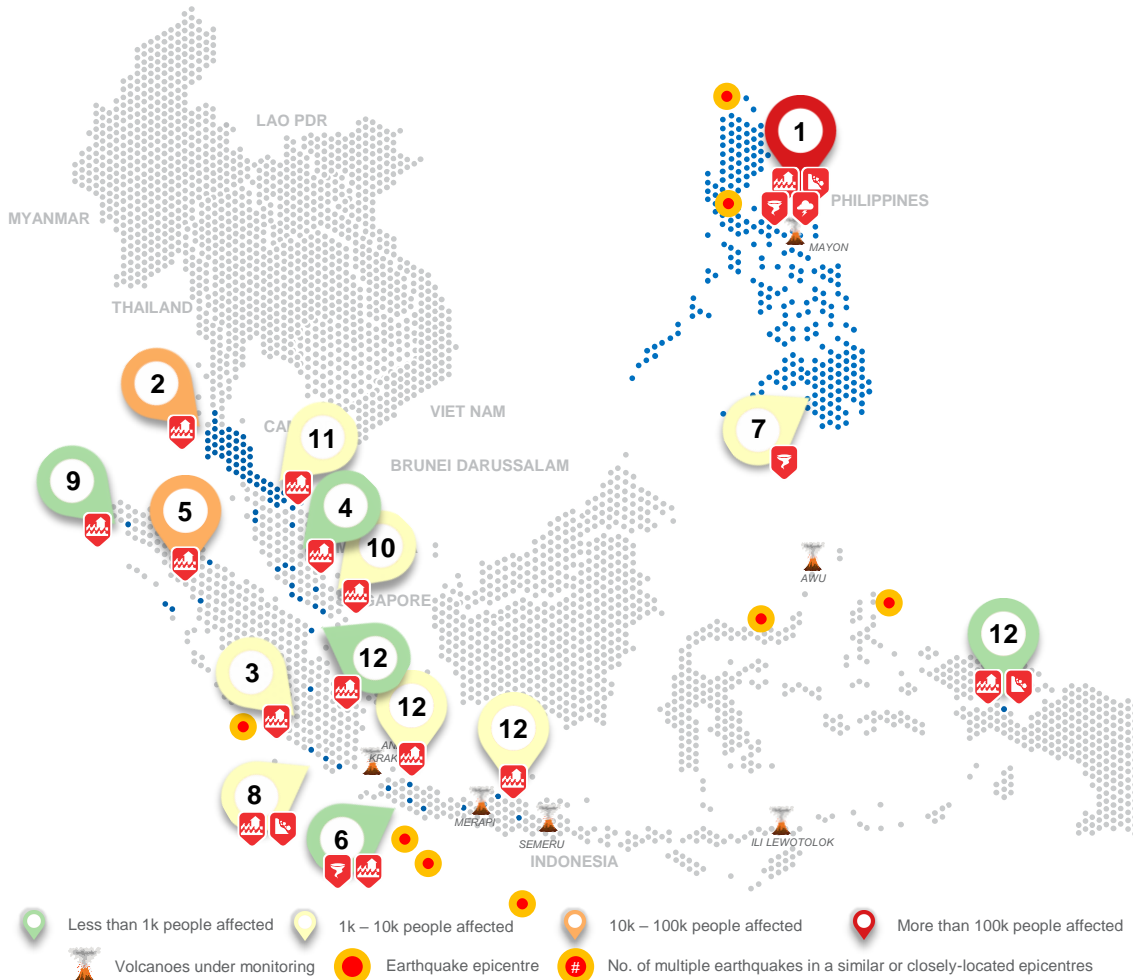
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REGIONAL TALLY



01 Philippines, Flooding, Landslide, Winds, & Storms (TC NALGAE) from week 43 updated as of 11 Nov, 0700 UTC+7
28 Oct 2022

02 Thailand, Flooding in 5 Provinces
7 Nov 2022

03 Indonesia, Flooding in Musi Banyuasin Regency, South Ogan Komerling Ulu Regency (South Sumatra)
7, 13 Nov 2022

04 Malaysia, Flooding in Kelantan and Pahang
7 Nov 2022

05 Indonesia, Flooding in Batu Bara Regency, South Tapanuli Regency, West Nias Regency, and North Nias Regency (North Sumatra)
7, 9, 13, 13 Nov 2022

06 Indonesia, Flooding in Bandung Regency and Karawang; Tornado in Garut Regency (West Java)
7 & 13, 9 Nov 2022

07 Philippines, Whirlwind in Maguindanao (BARM)
8 Nov 2022

08 Indonesia, Flooding in Pesawaran Regency and Lampung Regency; Flooding and Landslides in Lampung Barat (Lampung)
8, 13 Nov 2022

09 Indonesia, Flooding in Nagan Raya Regency (Aceh)
10 Nov 2022

10 Malaysia, Flooding in Johor, Kelantan, Melaka, Perak, Pulau Pinang, and Selangor
10 Nov 2022

11 Thailand, Flooding in the Lower Southern Region
11 Nov 2022

12 Other events: Indonesia – Rembang (11-11), Nganjuk (11-11), Tangerang (12-11), Teluk Wondama (13-11), Meranti (13-11)

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:

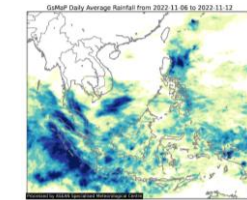
For the forty-fifth week of 2022, a total of 26 disasters (20 floods, 4 landslides, and 2 wind-related) affected the ASEAN region. Indonesia, Malaysia, the Philippines, and Thailand were reportedly affected. Flooding due to long durations of heavy rainfall and the overflowing of rivers were reported by *Badan Nasional Penanggulangan Bencana (BNPB)* in Aceh, Lampung, North and South Sumarta, West and Central Java. Second, *Agensi Pengurusan Bencana Negara (NADMA)* of Malaysia reported that flooding occurred in Kelantan, Pahang, Johor, Melaka, Perak, Pulau Pinang, and Selangor. the Philippines' National Disaster Risk Reduction and Management Council (*NDRRMC*) reported that a whirlwind affected Maguindanao. Lastly, Thailand's Department of Disaster Prevention and Mitigation (*DDPM*) reported that flooding occurred in its Southern Region.

HIGHLIGHT:

As of 14 Nov, *NDRRMC* reported that the impact of TC NALGAE has resulted in 160 dead, 146 injured, 29 missing, 1.39M families (5.57M persons) affected from 17 regions, and 356K persons displaced (25K persons inside 128 evacuation centres and 331K 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, according to the *BNPB*, continuous heavy rainfall has resulted in 11 flooding events in Indonesia (6 in Sumatra and 5 in Java). Based on the progress report, a total of 20.5K persons were affected and at least 105 persons are displaced, and the flooding has also caused damage to 4.7K houses. 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 Sumatra, Java, and Papua in Indonesia; Malaysia; Singapore; Eastern Region of Philippines; and Southern Region of Thailand. As of reporting, there are no active tropical cyclone advisories for the ASEAN region (*JTWC*).

GEOPHYSICAL:

Eight (8) significant earthquakes ($M \geq 5.0$) 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), 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 the central Maritime Continent and Malay Peninsula; drier conditions over parts of western and central Mainland Southeast Asia; cooler conditions are expected over parts of southern Maritime Continent and central and eastern Mainland Southeast Asia; and warmer conditions are expected over parts of Myanmar. 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 the Maritime Continent region; a moderate increase in chance for extreme hot conditions to occur in Philippines, and southern and eastern parts of Indonesia. La Niña conditions have been present which seasonally 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.