



WEEKLY DISASTER UPDATE

Week 46
14 – 20 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;
Philippines: NDRRMC, PHIVOLCS, DSWD;

Various news agencies.

DISCLAIMER

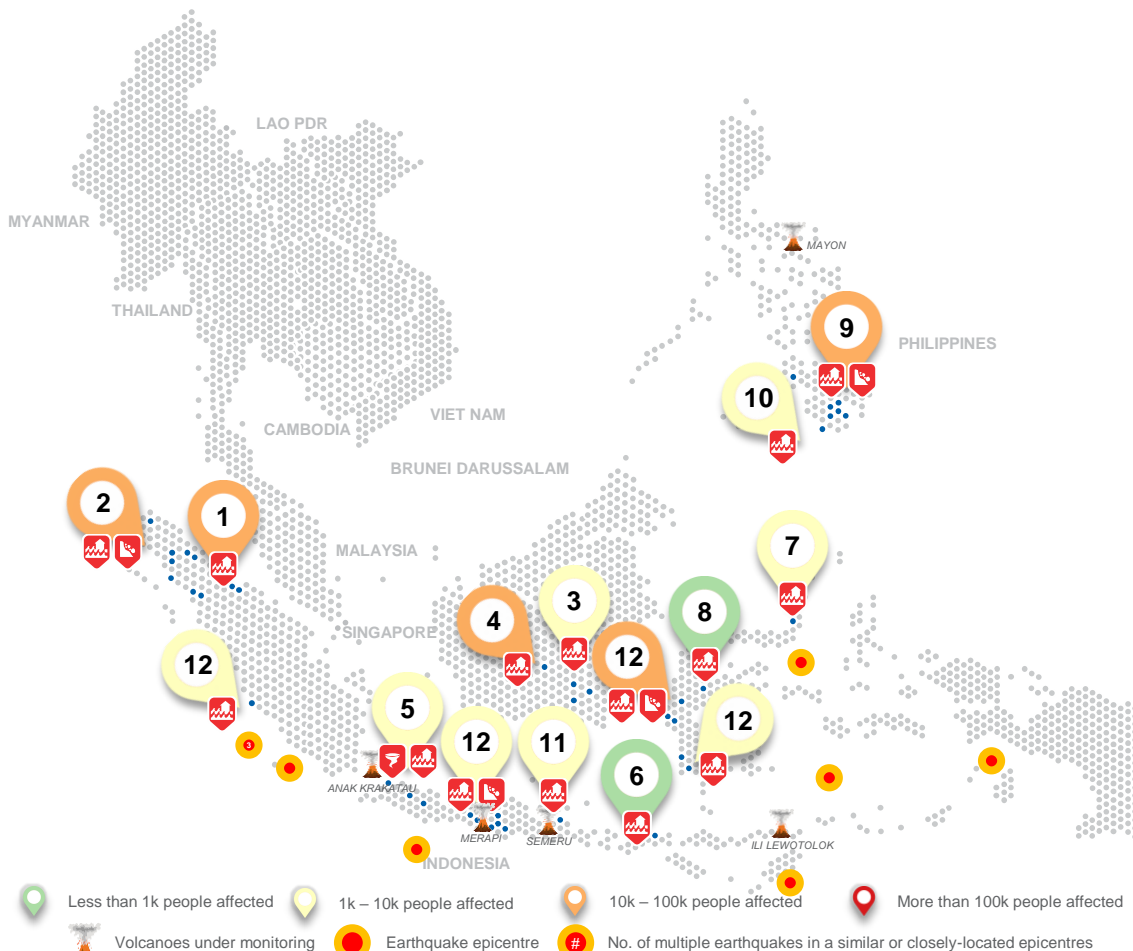
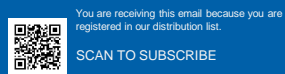
The AHA Centre was established in November 2011 by the
Association of Southeast Asian Nations (ASEAN) Member
States to facilitate cooperation and coordination among
Member States, relevant agencies of the United Nations
and international organisations in disaster management and
emergency response.

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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For inquiries, comments, and/or suggestions,
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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

- 01 Indonesia, Flooding in Deli Serdang, Batu Bara, South Tapanuli, Serdang Bedagai, Binjai City, and Medan City (North Sumatra)**
14, 15, 16, 16, 18, 19 Nov 2022
- 02 Indonesia, Flooding and Landslide in Subulussalam City, Aceh Singkil, North Aceh, Southeast Aceh, and Bireun (Aceh)**
14, 16, 18, 18, 19 Nov 2022
- 03 Indonesia, Flooding in Hulu Sungai Utara, Balangan (2), and Banjar (South Kalimantan)**
14, 16, 19, 19 Nov 2022
- 04 Indonesia, Flooding in Palangkaraya City (Central Kalimantan)**
14 Nov 2022
- 05 Indonesia, Tornadoes and Flooding in Bekasi Regency and Karawang (West Java) and Serang City (Banten)**
15, 17 Nov 2022
- 06 Indonesia, Flooding in Dompu Regency (West Nusa Tenggara)**
15 Nov 2022
- 07 Indonesia, Flooding in Manado City (North Sulawesi)**
15 Nov 2022
- 08 Indonesia, Flooding in Poso Regency (Central Sulawesi)**
15 Nov 2022
- 09 Philippines, Flooding and Landslide in Davao Occidental and Davao del Sur and Lanao del Norte (Region XI)**
16, 17 Nov 2022
- 10 Philippines, Flooding in Region XII**
16 Nov 2022
- 11 Indonesia, Flooding in Pasuruan (2) (East Java)**
17, 18 Nov 2022
- 12 Others: Indonesia – Mukomuko (17-11), Brebes and Sukoharjo (18-11), Mamuju (18-11), Tegal (18-11), Polewali Mandar (18-11), Makassar City (18-11), Jenepono (18-11), Banyumas (18-11), Purbalingga (18-11), Surakarta City (18-11); Gunung Kidul (18-11); Majene (18-11); Wonorejo (18-11)**

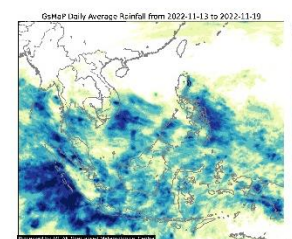
REGIONAL SUMMARY:

For the forty-sixth week of 2022, a total of 49 disasters (40 floods, 8 landslides, and 1 wind-related) affected the region. Indonesia and the Philippines have reportedly been affected. *Badan Nasional Penanggulangan Bencana (BNPB)* reported floods, landslides, and wind-related events caused by moderate to heavy rainfall, strong wind, unstable soil condition, and overflowing of the rivers in Aceh, Banten, Bengkulu, West Java, Central Java, East Java, South Kalimantan, Central Kalimantan, West Nusa Tenggara, West Sulawesi, Central Sulawesi, North Sulawesi, West Sumatra, North Sumatra, and Yogyakarta, Indonesia. The Philippines' National Disaster Risk Reduction and Management Council (*NDRRMC*) reported flooding and landslides caused by continuous rainfall due to the Intertropical Convergence Zone in the Philippines.

HIGHLIGHT:

According to the *NDRRMC*, from the previous week, 4 disasters were recorded including 3 floodings and 1 landslide in Region XI and XII, Philippines. *NDRRMC* reported the following: 9,4K families (41.6K persons) affected, 4K persons displaced, with 3 dead and 3 injured people. Meanwhile, in Indonesia, according to the BNPB, Central Java is the province with the highest disaster numbers this week. Nine (9) disasters were recorded in Central Java including 6 floodings and 3 landslides. Based on the progress report, a total of 1,1K families (5,1K persons) were affected and at least 2,7K persons are displaced. 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 all Indonesia regions especially Sumatra, Java, Kalimantan and Papua; Sarawak and Peninsular Malaysia; most of the Philippines (associated with the ITCZ); South Thailand; and South Central Coast Region of Viet Nam. As of reporting, there are areas of disturbed weather, being referred to as Invest 97W and 94S. Based on available data, *Invest 97W* is located approximately at 351 km southeast of Ho Chi Minh City, Vietnam. The potential for the development of a significant tropical cyclone within the next 24 hours is **low**. Meanwhile, *Invest 94S* is located approximately at 430 km southwest Banten, Indonesia. The potential for the development of a significant tropical cyclone within the next 24 hours is **low**. (*JTWC*).

GEOPHYSICAL:

Nine (9) significant earthquakes (M≥5.0) were recorded in the region by the Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika (*BMKG*). 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 Philippine Institute of Volcanology and Seismology (*PHIVOLCS*).

OUTLOOK:

According to the ASEAN Specialised Meteorological Centre (*ASMC*), for the coming week, wetter conditions are expected over parts of the southern and eastern Maritime Continent. Drier conditions are expected over the western Maritime Continent and some parts of the central Maritime Continent. Warmer than usual temperatures are expected over northeastern Mainland Southeast Asia. For the regional assessment of extremes, there is a small increase in chance to occur in southern Maritime Continent, southern parts of Myanmar and Thailand for a very heavy rainfall event. 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 also present and decaying. Negative IOD events tend to bring wetter conditions to much of the southern ASEAN region.