



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 33
14 - 20 August 2023

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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: 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.

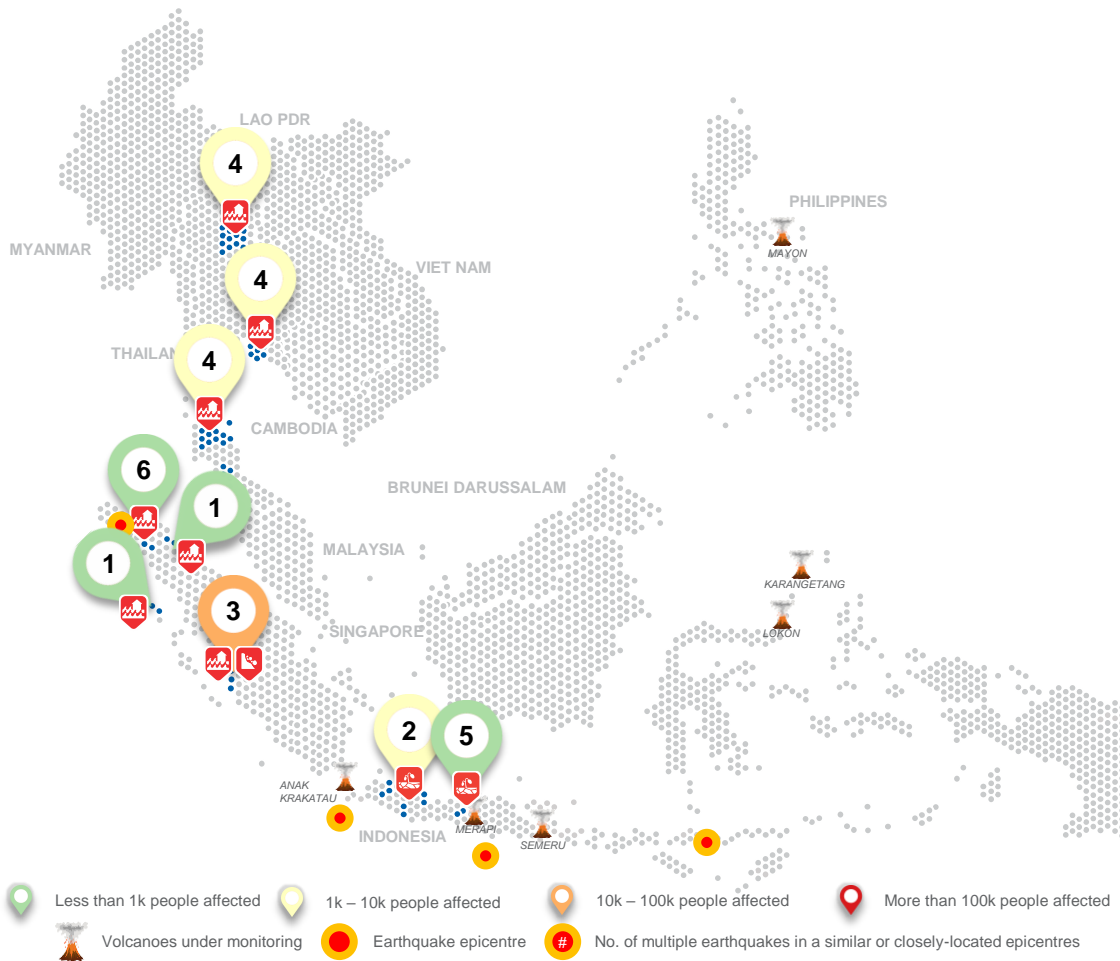
The use of boundaries, geographic names, related
information, and potential considerations for response are
for references, not warranted to be error-free or implying
official endorsement from ASEAN Member States.

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REGIONAL TALLY



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 [Gunung Sitoli](#) and [Medan](#) (North Sumatra)
14, 18 Aug 2023

02 Indonesia, Drought in [Bogor](#) (2), [Cirebon](#), [Bekasi](#), and [Garut](#) (West Java)
14, 15, 15, 15, 18 Aug 2023

03 Indonesia, Flooding and Landslides in Pesisir Selatan – Kec. [Silaut](#); Kec. [XI Koto Tarusan](#) and [IV Jurai Painan](#) (West Sumatra)
14, 17 Aug 2023

04 Thailand, Flooding in [Chiang Mai](#), [Surat Thani](#), [Satun](#), and [Rayong](#)
16 Aug 2023

05 Indonesia, Drought in [Batang](#) (Central Java)
16 Aug 2023

06 Indonesia, Flooding in [Aceh Tenggara](#) (Aceh)
17 Aug 2023

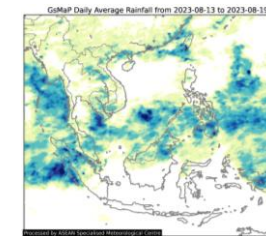
REGIONAL SUMMARY:

For the thirty-third week of 2023, thirteen (13) disaster events reportedly affected the region. Indonesia and Thailand have been reportedly affected. [Badan Nasional Penanggulangan Bencana \(BNPB\)](#) of Indonesia reported floods and landslides in Aceh, West Sumatra, and North Sumatra; and drought in West and Central Java. Thailand's Department of Disaster Prevention and Mitigation ([DDPM](#)) floods in Chiang Mai, Surat Thani, Satun, and Rayong Provinces.

HIGHLIGHT:

According to the [BNPB](#) Indonesia, heavy rainfall and unstable soil condition have resulted in flooding and landslides events in Pesisir Selatan, West Sumatra, particularly in Kecamatan XI Koto Tarusan and IV Jurai Painan on 17 August, and Kecamatan Silaut on 14 August. Based on the report, a total of 7.5K families (22.5K persons) were affected and damaged 3.6K houses. The Regent of Lumajang has declared an extension of the Emergency Response Status for a duration of 30 days (28 July – 26 August 2023). 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 north and central parts of Cambodia; central parts of Lao PDR; Peninsular, Sabah, and Sarawak Malaysia; coastal parts of Myanmar; central and northern parts of Sumatra, northern Kalimantan, and Papua in Indonesia; Mindanao of the Philippines; and southern parts of Viet Nam. As of reporting, INVEST 90W has persisted approximately 3,500 km east-northeast of Luzon in the Philippines. According to the global forecast model, INVEST 90W will slowly consolidate over the next 2 days and may move northwestward toward Japan ([JTWC](#)).

GEOPHYSICAL:

Four (4) significant earthquakes ($M \geq 5.0$) were recorded by *Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika (BMKG)*. Mount Dempo (alert level II), Ibu (alert level II), Semeru (alert level III), and Ili Lewotolok (alert level II) in Indonesia, and Mayon (alert level 3), Taal (alert level 1), and Kanlaon (alert level 1) in the Philippines reported recent volcanic activity according to *Indonesia's Pusat Vulkanologi dan Mitigasi Bencana Geologi (PVMBG)* and the 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 Mainland Southeast Asia and the Philippines; drier conditions are expected over much of the central Maritime Continent; warmer conditions are expected over much of the Maritime Continent and northern Mainland Southeast Asia. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in the parts of Myanmar, Cambodia, and central Philippines; a small increase in chance in the coastal parts of the equatorial region and moderate increase in chance in the parts of central Myanmar and western Thailand for extreme hot conditions. El Niño conditions are predicted to strengthen over the next few months. At the seasonal timescale during June to August, El Niño events bring drier conditions to much of the southern ASEAN region.