



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 33
16 – 22 August 2021

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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, DSWD, PHIVOLCS;

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.

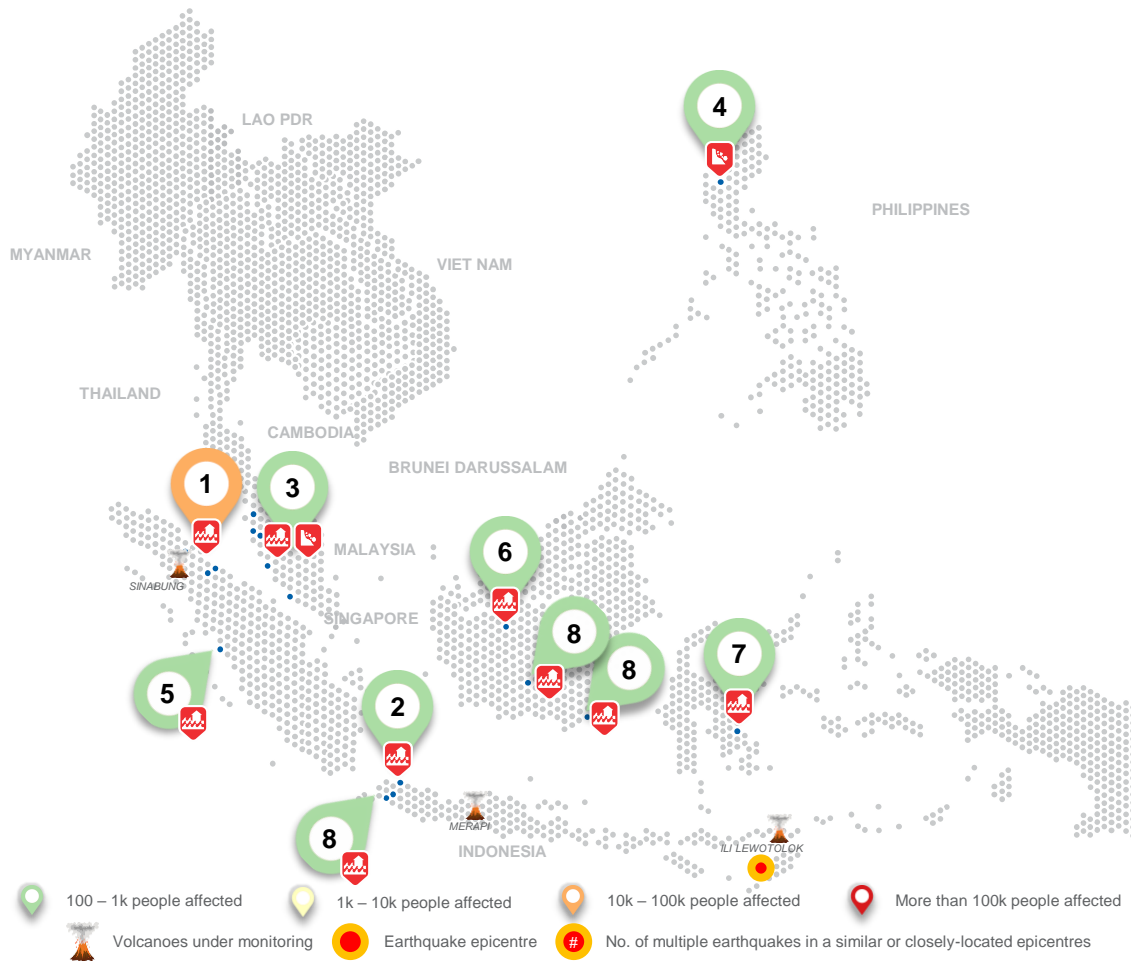
The use of boundaries, geographic names, related
information, and potential considerations for response are
for references, not warranted to be error-free or implying
official endorsement from ASEAN Member States.

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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 [Batu Bara](#), [Asahan](#), [Medan City](#) (North Sumatra)**
16, 16, 20 Aug 2021
- 02 Indonesia, Flooding in [Karawang](#) and [Bogor](#) (West Java)**
16, 21 Aug 2021
- 03 Malaysia, [Flooding and Landslide in Pulau Pinang, Perak, Selangor, and Kedah States](#)**
17 Aug 2021
- 04 Philippines, [Landslide in Itogon \(Benguet\)](#)**
05 Aug 2021
- 05 Indonesia, [Flooding in Padang Pariaman \(West Sumatra\)](#)**
18 Aug 2021
- 06 Indonesia, [Flooding in Kapuas Hulu \(West Kalimantan\)](#)**
19 Aug 2021
- 07 Indonesia, [Flooding in Konawe \(South Sulawesi\)](#)**
20 Aug 2021
- 08 Other Events: Indonesia – [Tanah Bumbu](#) (20 Aug), [Katingan](#) (20 Aug), [Lebak](#) (21 Aug)**

REGIONAL SUMMARY:

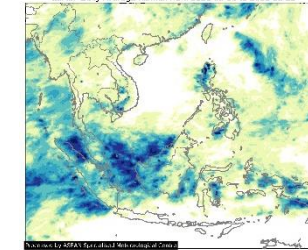
For the thirty-third (33rd) week of 2021, a total of 14 disasters (12 floods and 2 landslides) affected the region. Indonesia, Malaysia, and the Philippines have reportedly been affected. Flooding caused by heavy rainfall and the overflowing rivers as well as coastal flooding has been reported by Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)). In Malaysia, heavy rainfall has caused flooding and landslide in different states as reported by the Agensi Pengurusan Bencana Negara ([NADMA](#)). Meanwhile in the Philippines, a landslide event was reported in Itogon, Benguet as reported by the Department of Social Welfare and Development ([DSWD](#)).

HIGHLIGHT:

According to [BNPB](#), heavy rainfall and the overflowing of rivers on 16 Aug have affected Batu Bara and Asahan Regencies in North Sumatra. In Batu Bara, 5.9K families (23.6K persons) were affected and 5.9K houses and 5.3K ha of rice fields were damaged. In Asahan, 3.3K families (16.6K persons) were affected and 510 were displaced and 3.3K houses, 5 schools, a health facility, 3 public buildings, and 4 worship places were damaged. Flooding has already reportedly receded in both regencies. In North Sumatra as well, flooding occurred in Medan City on 20 Aug. Heavy rainfall has caused the Deli River to overflow causing a flood that affected 578 families (2.1K persons) and damaged 507 houses. The flood has already reportedly receded and local disaster management agencies have responded accordingly.

HYDRO-METEO-CLIMATOLOGICAL:

CaMapi Daily Average Rainfall from 2021-08-15 to 2021-08-21



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed sparse high 7-day average rainfall across Peninsular and Eastern Malaysia, Northwestern Philippines, Sumatra, and in several parts of the Maritime Continent. Currently, there is an active tropical cyclone being monitored—TS OMAIS (ISANG) but has no direct impacts to the region. Other than TS OMAIS (ISANG), there are no other tropical cyclone advisories according to [JTWC](#).

GEOPHYSICAL:

One (1) significant earthquake (M_≥5.0) was recorded in the region by Indonesia's Badan Meteorologi Klimatologi dan Geofisika ([BMKG](#)). Ili Lewotolok and Merapi in Indonesia (Alert level III) reported recent volcanic activity and are under close monitoring. Volcanic activity was also reported for Mount Semeru and Ibu in Indonesia according to Pusat Vulkanologi dan Mitigasi Bencana Geologi ([PVMBG](#)) and Taal Volcano (Alert Level 2), and Mount Kanlaon (Alert Level 1) according to the Philippine Institute for Volcanology and Seismology ([PHIVOLCS](#)).

OUTLOOK:

According to the [ASMC](#), for the coming week, wetter conditions should be expected over most of the central and eastern Maritime Continent; Warmer temperatures over the southern Maritime Continent and cooler temperatures parts of the equatorial region and Philippines are forecasted for the coming week. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event in the southeastern coastal parts of Mainland Southeast Asia and parts of Eastern Borneo and moderate increase in chance in parts of southeastern Maritime Continent; small increase in chance for extended dry conditions in Northwest Sumatra; moderate increase in chance for extreme hot conditions in Western Mainland Southeast Asia and very likely in the Southern Maritime Continent; small increase in chance for extreme cold conditions in Northeast Philippines.