



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 38
16 - 22 September 2024

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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;
Lao PDR: NDMO, DMH;
Malaysia: NADMA;
Myanmar: DDM, DMH;
Philippines: NDRRMC, PAGASA, PHIVOLCS;
Thailand: DDPM, TMD;
Viet Nam: VDDMA, NCMHF;
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.

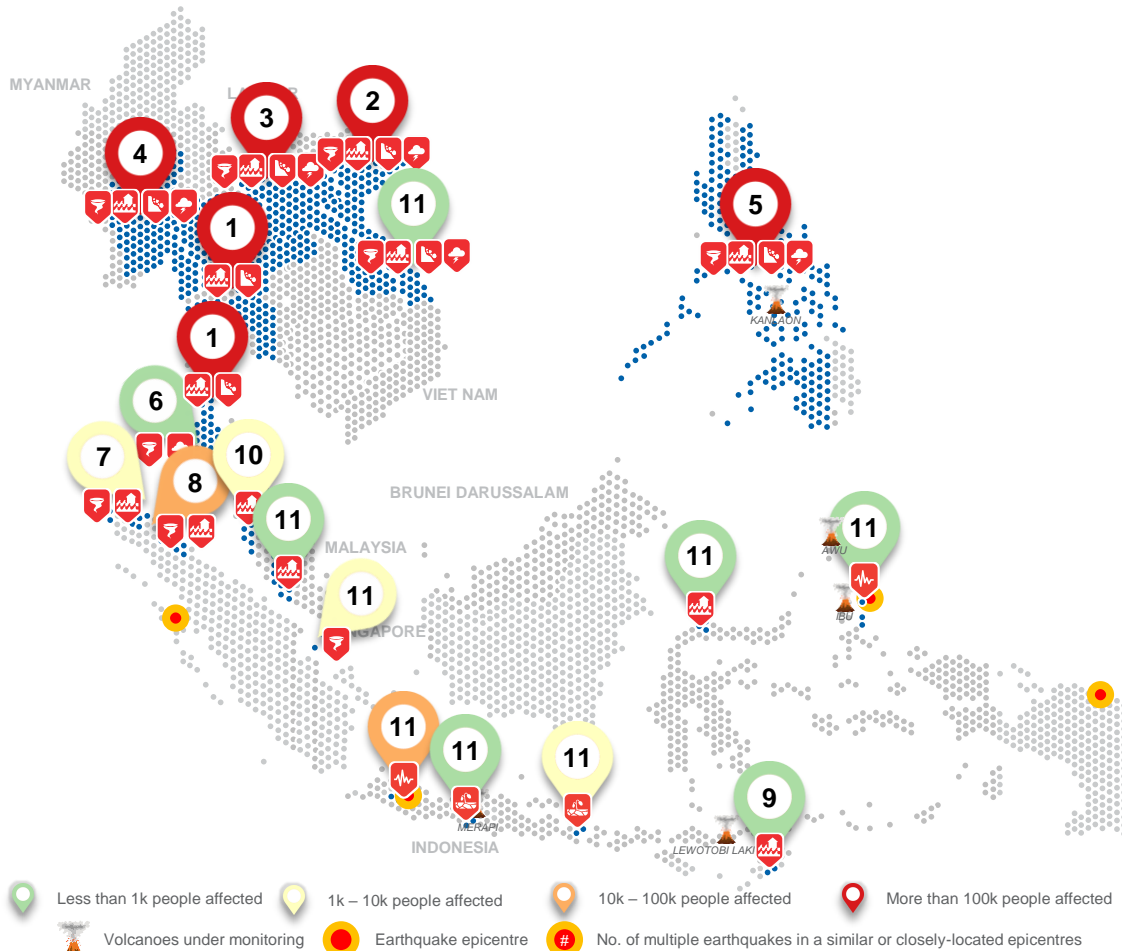
The use of boundaries, geographic names, related
information, and potential considerations for response are
for references, not warranted to be error-free or implying
official endorsement from ASEAN Member States.

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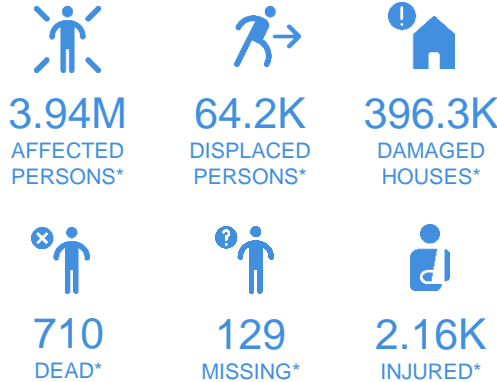
For inquiries, comments, and/or suggestions,
you may reach us through dma@ahacentre.org



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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

* Include the figure of the impacts of TC YAGI in Lao PDR, Myanmar, Thailand, and Viet Nam; and
BEBINCA, SOULIK, and PULASAN in the Philippines from the previous week.

**01 Thailand, Flooding and Landslides in 30 Provinces (Effects of Monsoon
Rains and TC YAGI) from Week 33**
16 Aug 2024

**02 Viet Nam, Floods, Landslides, Storms, and Strong Winds in Northern Region
(Effects of TC YAGI and Southwest Monsoon) from Week 36**
7 Sep 2024

**03 Lao PDR, Flooding, Landslides, Storms, and Strong Winds in 15 Provinces
(Effects of TC YAGI and Southwest Monsoon) from Week 36**
7 Sep 2024

**04 Myanmar, Floods, Landslides, Storms, and Strong Winds in Naypyitaw,
Kayah, Kayin, Bago, Magway, Mandalay, Mon, Shan, and Aveyarwaddy (Effects
of TC YAGI and Southwest Monsoon) from Week 37**
10 Sep 2024

**05 Philippines, Flooding, Landslides, Storms, and Strong Winds in 10 Regions
(Effects of Southwest Monsoon and TCs BEBINCA, SOULIK, PULASAN) from
Week 37**
12 Sep 2024

06 Thailand, Storms and Strong Winds in Krabi
16 Sep 2024

07 Indonesia, Flooding in Aceh Jaya and Strong Winds in Aceh Timur (Aceh)
17, 21 Sep 2024

**08 Indonesia, Flooding and Tornadoes in Deli Serdang (2), Serdang Bedagai,
Tanjung Balai, and Medan (North Sumatra)**
17, 19, 20, 20 Sep 2024

09 Indonesia, Flooding in Timor Tengah Selatan (East Nusa Tenggara)
17 Sep 2024

10 Malaysia, Flooding in Kedah and Perak
18 Sep 2024

**11 Others: Indonesia – Bandung (18 Sep), Maluku (19 Sep), Riau Islands (20 Sep),
Karangasem (21 Sep), Kulon Progo (21 Sep), Toli Toli (21 Sep); Malaysia – Perlis,
Pulau Pinang, Selangor (18 Sep); Viet Nam – TC SOULIK (19 Sep)**

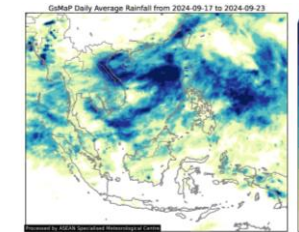
REGIONAL SUMMARY:

For the thirty-eighth week of 2024, the ASEAN region experience 22 significant
disasters, including floods, storms, strong winds, drought, earthquake, and the impacts
of tropical cyclone SOULIK. Indonesia, Malaysia, Thailand, and Viet Nam were affected
by these disasters. Additionally, the impacts of Southwest Monsoon and Tropical
Cyclone YAGI are still being reported in Lao PDR, Myanmar, Thailand, and Viet Nam,
while the Philippines are currently responding to the impacts of Southwest Monsoon and
TCs BEBINCA, SOULIK, PULASAN. The *Badan Nasional Penanggulangan Bencana*
(BNPB) of Indonesia reported flooding storms, and wind-related disasters in Aceh, North
Sumatra, Riau Islands, East Nusa Tenggara, and Central Sulawesi, while droughts were
reported in Yogyakarta and Bali, and M4.9 were reported in Bandung and M5.6
Earthquake were reported in North Maluku. In Malaysia, Agensi Pengurusan Bencana
Negara (NADMA) reported flooding events in Perlis, Pulau Pinang, Selangor, Kedah,
and Perak. Meanwhile, in addition to the impacts of Southwest Monsoon and YAGI in
Thailand, Department of Disaster Prevention and Mitigation (DDPM) also reported
storms and strong winds in Krabi. Lastly, Viet Nam Disaster and Dyke Management
Authority (VDDMA) also reported the impacts of Tropical Cyclone SOULIK in Viet Nam.

HIGHLIGHT:

As of 23 September, the [AHA Centre](#) maintains the EOC alert level at RED Alert to
support ongoing emergency response operations led by [NDMO](#) in Lao PDR, [DDM](#)
in Myanmar, [NDRRMC](#) in the Philippines, [DDPM](#) Thailand, and [VDDMA](#) in Viet Nam for
the impacts of Southwest Monsoon and Tropical Cyclone YAGI. As of 23 Sep, in Lao
PDR, YAGI and Southwest Monsoon have impacted 1,208 villages across 106 districts
in 15 provinces. According to the [NDMO](#) Lao PDR, these events have resulted in eight
fatalities and affected approximately 76.1K families (185.8K people). In Myanmar, as of
23 Sep, [DDM](#) reports that YAGI and Southwest Monsoon have affected approximately
569.3K individuals, resulting in 328 fatalities and 86 people missing. In Thailand, the
[DDPM](#) has reported that around 160.7K households have been affected across 33
provinces, with 46 fatalities. In Viet Nam, as of 23 Sep, [VDDMA](#) has reported that 333
individuals are either dead or missing across the Northern Region. Meanwhile, in the
Philippines, the [NDRRMC](#) is currently responding to the effects of the Southwest
Monsoon and multiple tropical cyclones, including BEBINCA (local name Ferdie),
INVEST 98W (local name Gener), Tropical Cyclone PULASAN (local name Helen), and
INVEST 90W (local name Igme). As of 23 Sep, [NDRRMC](#) reported that a total of 387.8K
families or 1.45M persons have been affected, with 47.9K persons displaced, 25
fatalities, 13 injuries, and eight individuals missing. For detailed information on Tropical
Cyclone YAGI, please refer to the [AHA Centre Situation Update](#).

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised
Meteorological Centre ([ASMC](#)) indicates a 7-day average
rainfall ranging from medium to high across most of
mainland Southeast Asia including Cambodia, Lao PDR,
Thailand, Myanmar, and Viet Nam. Additionally, medium
to high 7-day average rainfall also shows in Luzon,
Malaysia (Peninsular, Sabah, Serawak, Northern
Sumatra, Kalimantan, Maluku, and Papua. As of this
reporting period, Tropical Disturbances INVEST 93W
over Viet Nam East Sea and INVEST 91W over West
Pacific Ocean under monitoring for its potential for the
development into a significant tropical cyclone ([JTWC](#)).

GEOPHYSICAL:

Four (4) significant earthquakes (M_w≥5.0) were recorded by Indonesia's *Badan Meteorologi, Klimatologi,
dan Geofisika* ([BMKG](#)). Mount Semeru (alert level II), Lewotobi Laki-laki (alert level III), and Ibu (alert
level III) in Indonesia, and Mayon Volcano (alert level I), Taal (alert level I), Kanlaon (alert level 2),
and Bulusan (alert level 1) in the Philippines reported recent volcanic activity according to *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 predicted over much of the Maritime Continent, with the highest likelihood over the
western half of the region; and warmer than usual temperature is predicted over southern Mainland
Southeast Asia. For the regional assessment of extremes, there is a small increase in chance of very
heavy rainfall over parts of central and southern Maritime Continent; and small increase in chance of
extreme hot conditions over southern parts of Mainland Southeast Asia and parts of Maritime
Continent. La Niña conditions are predicted to develop during September - October 2024.