



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 14
4 - 10 April 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, PAGASA;
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 hazard 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 reference, not warranted to be error-free or implying
official endorsement from ASEAN Member States.

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SCAN TO SUBSCRIBE



- 100 – 1k people affected
- 1k – 10k people affected
- 10k – 100k people affected
- More than 100k people affected
- Volcanoes under monitoring
- Earthquake epicentre
- No. of multiple earthquakes in a similar or closely-located epicentres

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 Philippines, Storms and Flooding in [Mamasapano \(Maguindanao\)](#)**
4 Apr 2022
- 02 Thailand, Flooding in [Southern Region](#)**
4 Apr 2022
- 03 Indonesia, Flooding in [Tangerang City \(Banten\)](#)**
5 Apr 2022
- 04 Indonesia, Flooding in [South Barito Regency \(Central Kalimantan\)](#)**
5 Apr 2022
- 05 Indonesia, Flooding in [Bekasi City, Bekasi Regency, & Bandung Regency \(West Java\)](#)**
5, 6, 7 Apr 2022
- 06 Philippines, Storms and Flooding in [Agusan del Sur \(CARAGA\)](#)**
5 Apr 2022
- 07 Indonesia, Flooding in [Kudus Regency \(Central Java\)](#)**
4 Apr 2022
- 08 Indonesia, Tornado in [Sidoarjo](#) & Flooding in [Lamongan Regency & Malang City \(East Java\)](#)**
6, 7, 8 Apr 2022
- 09 Indonesia, Flooding in [Southeast Minahasa Regency \(North Sulawesi\)](#)**
6 Apr 2022
- 10 Indonesia, Tornado in [Dharmasraya Regency \(West Sumatra\)](#)**
8 Apr 2022
- 11 Indonesia, Flooding in [Medan City \(North Sumatra\)](#)**
8 Apr 2022
- 12 Philippines, Flooding, Landslide, Wind, and Storms in [Region 5, 6, 7, 8, 10, 11, 12, CARAGA, & BARMM \(TC MEGI\)](#)**
10 Apr 2022
- 13 Indonesia, Tornado in [Lubuklinggau City \(South Sumatra\)](#)**
10 Apr 2022

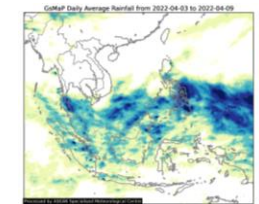
REGIONAL SUMMARY:

For the fourteenth week of 2022, a total of 22 disasters (14 floods, 1 landslide, 3 storms, and 4 wind-related) affected the region. Indonesia, the Philippines, and Thailand have reportedly been affected. Prolonged heavy rainfall and overflowing of the rivers have caused flooding and strong winds/tornadoes were experienced over Central Kalimantan, West, Central, and East Java, North Sulawesi, and North, West, and South Sumatra as reported by Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)). The Thailand's Department of Disaster Prevention and Mitigation ([DDPM](#)) reported that easterly winds brought heavy rains to the Southern Region of Thailand. The Philippines' National Disaster Risk Reduction and Management Council ([NDRRMC](#)) reported that the ITCZ brought rains to Maguindanao, a low-pressure area affected Agusan del Sur, and Tropical Cyclone MEGI (local name "Agaton") caused flooding and rain-induced landslides in several regions of the Philippines

HIGHLIGHT:

According to the [NDRRMC](#), Tropical Cyclone (TC) MEGI (Agaton) made initial landfall in Calicoan Island, Guiuan, Eastern Samar 0630HRS UTC+7 on 10 Apr. It meandered over the eastern seaboard of Eastern Visayas as a Tropical Depression on 9 Apr before intensifying into a Tropical Storm on 10 Apr. At most Tropical Cyclone Wind Signal no. 2 was raised in Eastern and Central Visayas and the northeastern portions of Mindanao. As of 11 Apr, the [NDRRMC](#) reported that 195 areas are still flooded and that 13 rain-induced landslides and 6 flash flood events occurred in Regions 6, 7, 8, 9, 10, 11, 12, CARAGA, and BARMM. [NDRRMC](#) reported the following: 86.5K families (136.4K persons) affected in 201 barangays, 15.3K persons displaced (13K inside evacuation centres, 2.3K outside), 1 dead, 1 missing, 2 injured; for damages, 52 houses were reportedly damaged, and 16 roads and 4 bridges are currently not passable. 17.5K USD worth of damage to agriculture was reported in CARAGA; for critical lifelines, 11 cities/municipalities currently have power outage, 2 have water supply interruption, and 38 ports are non-operational. The [NDRRMC](#) has raised its alert status to RED on 8 Apr and continues to coordinate with relevant agencies and monitor and disseminate early warning information. 43.2K USD worth of assistance (food and NFI) have been provided to CARAGA.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall spreading across the Philippine Sea associated with the development of TC MEGI (Agaton) and TC MALAKAS. High 7-day average rainfall can also be observed in the South China Sea, West Philippine Sea, and the Gulf of Thailand and Southern Thailand. As of reporting, TC MEGI is almost stationary in the Visayas group of islands and TC MALAKAS is in the Northwest Pacific Ocean ([JTWC](#)).

GEOPHYSICAL:

Ten (10) significant earthquakes (M_w≥5.0) were recorded in the region by Indonesia's [BMKG](#) and the Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Semeru (alert level III), and Dukono (alert level II) in Indonesia. Taal Volcano (downgraded to alert level 2) and Kanlaon (alert level 1) in the Philippines reported recent volcanic activity according to Pusat Vulkanologi dan Mitigasi Bencana Geologi ([PVMBG](#)) and [PHIVOLCS](#).

OUTLOOK:

According to the ASEAN Specialised Meteorological Centre ([ASMC](#)), for the coming week, wetter conditions are expected over much of western and central Mainland Southeast Asia, over the Philippines extending westwards to the coastal areas of southeastern Mainland Southeast Asia; and drier and warmer conditions over the southern half of the Maritime Continent; For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in the Philippines and the western Maritime Continent; and small increase in chance for extreme hot conditions in Southern Indonesia. La Niña conditions are still present in the Pacific but are weakening. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region.