



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 41
10 – 16 Oct 2022

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SOURCES

ASEAN Disaster Monitoring & Response System (DMRS);
ASEAN Specialised Meteorological Centre (ASMC); Joint
Typhoon Warning Centre (JTWC);

Cambodia: NCDM;
Indonesia: BNPB, BMKG, PVMBG;
Malaysia: NADMA;
Myanmar: DMH;
Philippines: NDRRMC, PAGASA, PHIVOLCS, DSWD;
Thailand: DDPM, TMD;
Viet Nam: VNDMA;
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 reference, not warranted to be error-free or implying
official endorsement from ASEAN Member States.

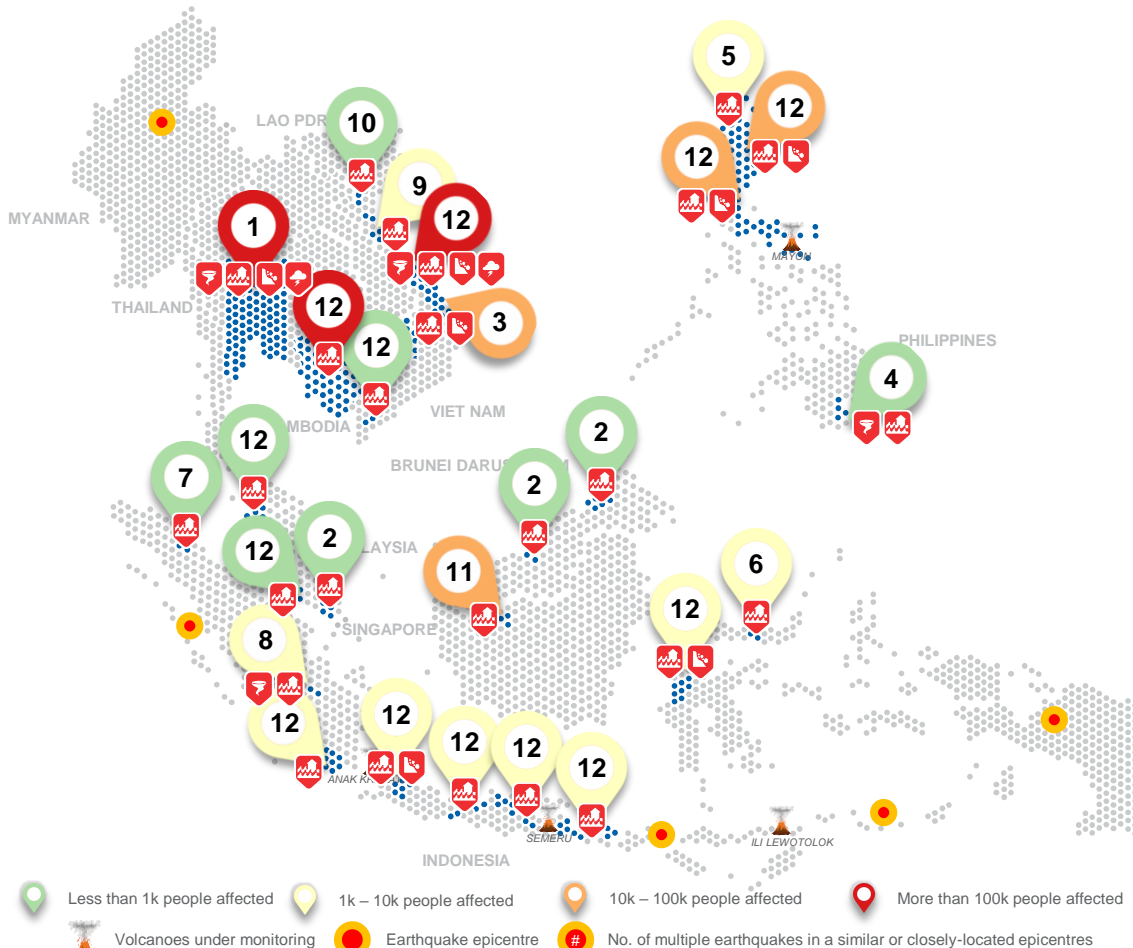
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SCAN TO SUBSCRIBE



- Less than 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



- 01 Thailand, Flooding, Landslide, Storms, and Winds in 30 Provinces (TC NORU) from week 39 updated as of 11 Oct, 0700 HRS UTC+7**
28 Sep 2022
- 02 Malaysia, Flooding in Johor, Sabah, and Serawak**
10 Oct 2022
- 03 Viet Nam, Flooding and Landslide in Quang Nam and Quang Ngai**
10, 10 Oct 2022
- 04 Philippines, Flooding and Strong Wind in South Cotabato (Region XII)**
10 Oct 2022
- 05 Philippines, Flooding in Ilocos Norte (Region I)**
10 Oct 2022
- 06 Indonesia, Flooding in Gorontalo Regency (Gorontalo)**
10 Oct 2022
- 07 Indonesia, Flooding in Langkat Regency (North Sumatra)**
10 Oct 2022
- 08 Flooding in Musi Banyuasin and Strong Wind in Ogan Komering Ulu Regency (South Sumatra)**
11, 13 Oct 2022
- 09 Viet Nam, Flooding in Minh Hoa and Le Thuy (Quang Binh)**
12, 15 Oct 2022
- 10 Viet Nam, Landslide in Ky Son (Nghe An)**
11 Oct 2022
- 11 Indonesia, Flooding in Kapuas Hulu Regency (West Kalimantan)**
11 Oct 2022
- 12 Others: Cambodia – 14 Provinces (12 Oct); Indonesia – Mamulu (11-10), Jakarta (11-10), Bogor (12-10), Central Mamulu (12-10), Bogor City (12-10), Pesisir Barat (12-10), Sigi (12-10), Jember (13-10), Seluma (13-10), Semarang City (13-10), Karawang (13-10), Tanggamus (14-10), Bojonegara (14-10), Bembana (14-10), Majang (15-10), Cilacap (15-10), Banuwangi (15-10), North Lombok (16-10), Sikak (16-10); Malaysia – Kedah, Melaka, and Perlis (12-10); Philippines – INVEST 98W (12-10), NESAT (15-10); Viet Nam – Binh Tan (11-10), SONCA (14-10), Le Thuy (15-10).**

Note: Estimations are based on data reported/confirmed by National
Disaster Management Organisations of each respective ASEAN
Member State and other verified sources

REGIONAL SUMMARY:

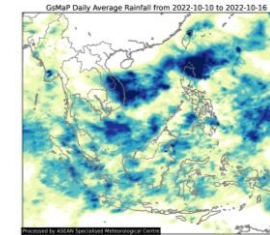
For the forty-first week of 2022, a total of 50 disasters (34 floods, 11 landslides, 1 storm, and 4 wind-related) affected the region. Cambodia, Indonesia, Malaysia, the Philippines, and Viet Nam have reportedly been affected. National Committee for Disaster Management (NCDM) reported flooding in several provinces of Cambodia. Badan Nasional Penanggulangan Bencana (BNPB) reported floods and landslides caused by prolonged heavy rainfall, strong wind, and overflowing of the rivers in Bali, Bengkulu, Gorontalo, Jakarta, West Java, Central Java, East Java, West Kalimantan, Lampung, West Nusa Tenggara, Riau, West Sulawesi, Central Sulawesi, South Sulawesi, and North Sulawesi Province, Indonesia. Agensi Pengurusan Bencana Negara (NADMA) reported that flooding occurred in Johor, Sabah, Serawak, Kedah, Melaka, and Perlis State, Malaysia. The Philippines' National Disaster Risk Reduction and Management Council (NDRRMC) reported flooding and rain-induced landslides caused by Tropical Cyclone NESAT and INVEST 98W in Region I, II, CALABARZON, and CAR, and flooding and strong wind in Region I and XII. Lastly, flooding, landslide, wind and storm caused by Tropical Cyclone SONCA occurred in South Central Coast and North Central Coast, and Flooding and landslides in several provinces of Viet Nam as reported by the Viet Nam National Disaster Management Authority (VNDMA).

HIGHLIGHT:

For the past week, according to the Philippines' NDRRMC and Viet Nam's VNDMA, TC NESAT and INVEST 98W resulted in floods and rain-induced landslides in Region I, II, CALABARZON, and CAR in the Philippines, and floods, landslides, storms, and winds in North Central Coast, and South Central Coast Region of Viet Nam. According to the report, TC NESAT made landfall on 16 Oct over Calayan Island, Cagayan in the Philippines, and TC SONCA made landfall on 15 Oct over Central Coast of Viet Nam. The events in total have affected 44K families (197K persons), cost the life of 1 individual, 16K persons displaced, and caused damages to 14K houses, 15 bridges, and 62 roads. Meanwhile, from 1 Sep - 11 Oct, flooding has affected Cambodia. According to Cambodia's NCDM, as of 13 Oct 2022, the events has cost the life of 15 individuals, affected 125K families (550.5K persons), displaced 22.4K persons, damaged 115 houses, 336 schools, 111 pagodas, 29 health centres, and almost 2K km of roads.

Lastly, flooding caused by The Southwest Monsoon and TC NORU in Thailand since week 39 still exists. According to Thailand's Department of Disaster Prevention and Mitigation (DDPM), as of 11 Oct, a total of 156K households still affected by floods (from a total 240K households affected). A total of 3.5K family kits and 9K personal hygiene kits from The Disaster Emergency Logistics System for ASEAN (DELSA) Satellite Warehouse in Chaintan, Thailand has been provided to the affected people through DDPM. The AHA Centre has heightened monitoring efforts and stands ready to support the member state when the need arises.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed high 7-day average rainfall spreading across Sumatra, Java, Kalimantan, and Papua in Indonesia; Ayeyawady Region in Myanmar; Northern parts of Luzon associated with the development of INVEST 98W and TC NESAT and Mindanao of the Philippines; South and Eastern parts of Lao, and Central Highlands, North Central Coast, and South Central Coast Region of Viet Nam associated with TC SONCA southern parts of Lao PDR. As of reporting, TC NESAT currently equivalent to a Category 1 hurricane (on the Saffir-Simpson scale), is located in the NW Pacific Ocean with maximum sustained winds of 148 km/h. TC NESAT will continue to move westward towards Viet Nam landmass. (ASEAN DMRS, PAGASA, NCHMF).

GEOPHYSICAL:

Five (5) significant earthquakes (M≥5.0) were recorded in the region by Indonesia's Badan Meteorologi, Klimatologi, dan Geofisika (BMKG) and Thailand's Meteorological Department (TMD). Mount Semeru (alert level III), Ibu (alert level II), and Ili Lewotolok (alert level III) in Indonesia, and Taal (alert level I), Kilauea (alert level I), Bulusan (alert level I), 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 much of the central Maritime Continent and Malay Peninsula. Drier conditions are expected over much of western and central Mainland Southeast Asia. Cooler conditions are expected over much of central, eastern Mainland Southeast Asia, and over parts of the southern Maritime Continent. For the regional assessment of extremes, there is a small increase in chance to occur in Southeastern Borneo and southern Philippines, and a moderate chance in Southern Sumatra, Java, Nusa Tenggara for a very heavy rainfall event; a small increase in chance for extreme hot conditions to occur in Southeastern Maritime Continent and northern Philippines. 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. Negative IOD tends to bring wetter conditions to much of the southern ASEAN region.