



ONE ASEAN  
ONE RESPONSE

# WEEKLY DISASTER UPDATE

Week 39  
26 Sep – 2 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;  
Philippines: NDRRMC, PAGASA, PHIVOLCS;  
Thailand: DDPM;  
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.

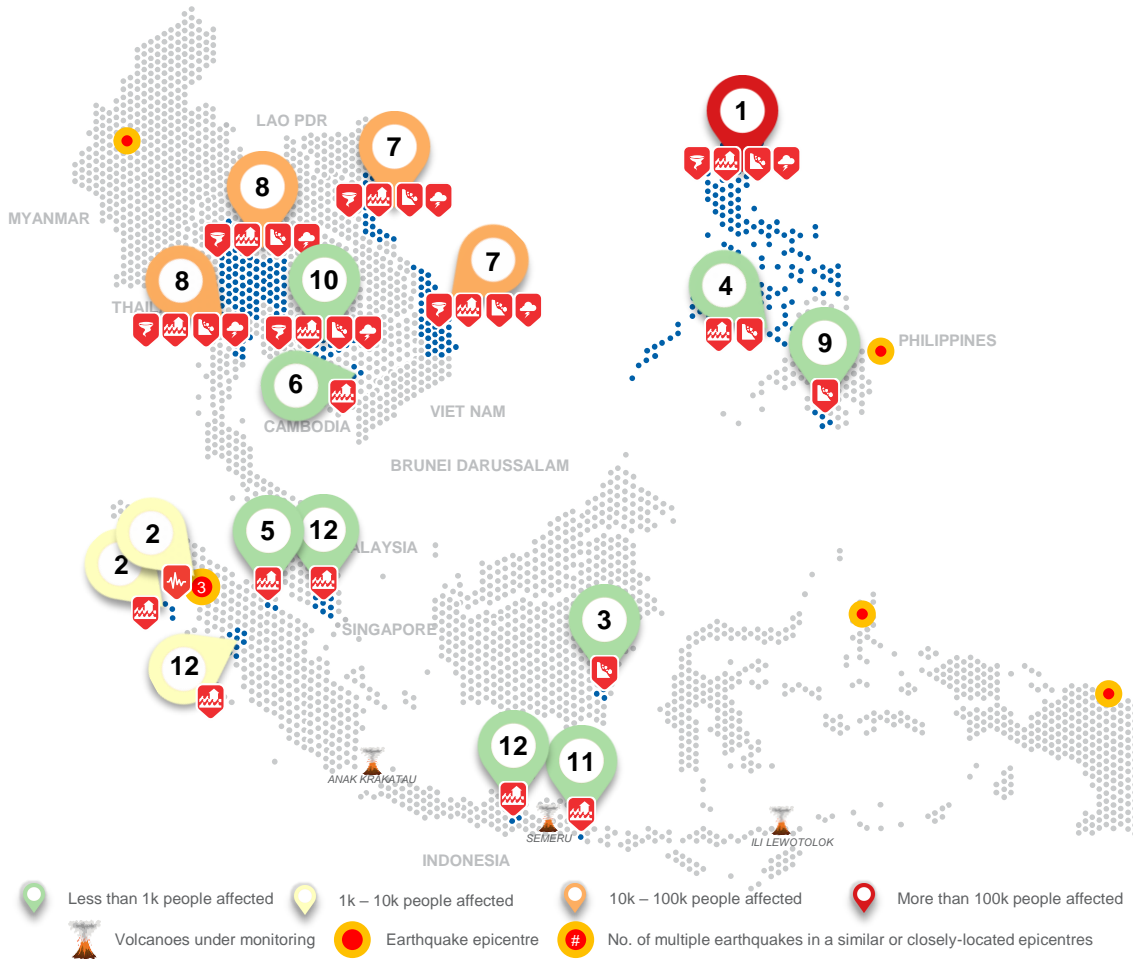
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## REGIONAL TALLY



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

- Philippines, Flooding, Landslide, Storms, and Winds in [Region 1, 2, 3, 5, CAR, NCR, CALABARZON, and MIMAROPA](#) (TC NORU)** from week 38 updated as of 3 Oct, 0700 HRS UTC+7  
25 Sep 2022
- Indonesia, Flooding in [Nias \(2\) Regency](#) and M6.0 Earthquake in [North Tapanuli Regency](#) (North Sumatra)**  
26, 29 Sep, 1 Oct 2022
- Indonesia, Landslide in [Kotabaru Regency](#) (South Kalimantan)**  
26 Sep 2022
- Philippines, Flooding and Landslides in [Western Visayas](#) (Region VI)**  
26 Sep 2022
- Indonesia, Flooding in [Bengkalis Regency](#) (Riau)**  
27 Sep 2022
- Cambodia, Flooding in [Boribo and Kampong Leng](#) (Kampong Chhnang)**  
27 Sep 2022
- Viet Nam, Flooding, Landslides, Storms and Wind in [South Central Coast, North Central Coast, and Central Highlands](#) Region (TC NORU)**  
28 Sep 2022
- Thailand, Flooding, Landslides, Storms and Wind in [25 Provinces](#)**  
28 Sep 2022
- Philippines, Landslide in [South Cotabato](#) (Region XII)**  
28 Sep 2022
- Cambodia, Flooding, Landslide, Storms, and Wind in [Northern Province](#) (TC NORU)**  
29 Sep 2022
- Indonesia, Flooding in [Tabanan Regency](#) (Bali)**  
30 Sep 2022
- Others: Indonesia – [Kediri City](#) (1-10), [Limapuluh Kota](#) (1-10), [Padang City](#) (2-10), [Solok City](#) (2-10); Malaysia – [Kluang, Kulajaya, and Pontian](#) (2-10).**

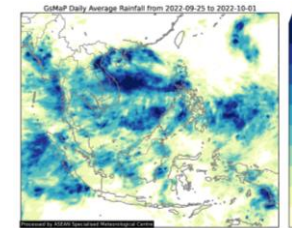
## REGIONAL SUMMARY:

For the thirty-ninth week of 2022, a total of 29 disasters (1 earthquake, 14 floods, 8 landslides, 3 storm, and 3 wind-related) affected the region. Cambodia, Indonesia, Malaysia, the Philippines, Thailand, and Viet Nam have reportedly been affected. National Committee for Disaster Management ([NCDM](#)) reported flooding, landslides, storms, and winds caused by Tropical Cyclone NORU in the Northern Provinces of Cambodia. *Badan Nasional Penanggulangan Bencana* ([BNPB](#)) reported floods and landslides caused by prolonged heavy rainfall, overflowing of the rivers, and drainage channel in North Sumatra, West Sumatra, Riau, East Java, Bali, and South Kalimantan Province, and M6.0 Earthquake in North Sumatra, Indonesia. *Agensi Pengurusan Bencana Negara* ([NADMA](#)) reported that flooding occurred in Johor State, Malaysia. The Philippines' National Disaster Risk Reduction and Management Council ([NDRRMC](#)) reported landslides caused by localized thunderstorms in South Cotabato (Region XII), and flooding and rain-induced landslides in Western Visayas (Region VI). The Department of Disaster Prevention and Mitigation ([DDPM](#)) of Thailand reported that Tropical Cyclone NORU caused flooding, landslides, storms, and wind-related events in several provinces in Thailand. Lastly, flooding, landslide, wind and storm occurred in South Central Coast, North Central Coast, and Central Highlands Region in Viet Nam as reported by the Viet Nam National Disaster Management Authority ([VNDMA](#)).

## HIGHLIGHT:

For the past week, according to Cambodia's [NCDM](#), Lao's National Disaster Management Office (NDMO), the Philippines' [NDRRMC](#), Thailand's [DDPM](#), and Viet Nam's [VNDMA](#), TC NORU resulted in floods, landslides, storm, and wind-related events across Cambodia, Lao PDR, the Philippines, Thailand, and Viet Nam. According to the report, TC NORU made landfall on 25 Sep in the Philippines, and in the mainland Southeast Asia, particularly, Viet Nam on 28 Sep. The events in total have affected 314.9K families (1.2M people), cost the life of 39 individuals, 8 persons missing, 111 persons injured, 48.8K persons displaced, and caused damages to 74.7K houses, 18 bridges, 142 roads, and 59.8M USD worth of damages to agriculture and infrastructure. A total of 1M USD worth of assistance has been provided to the affected people. [NCDM](#), [NDMO](#), [NDRRMC](#), [DDPM](#), and [VNDMA](#) continue to conduct data collection and response to the affected areas. Some locations are still reported flood according to the report, particularly in the mainland Southeast Asia.

## HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall spreading across Papua, south and western parts of Kalimantan, and western parts of Sumatra in Indonesia; Luzon of the Philippines, south and north central coast of Viet Nam, southern parts of Lao PDR, and Thailand associated with the development of TC NORU; and central and western parts of Myanmar. As of reporting, there are no active tropical cyclone advisories for the ASEAN region ([JTWC](#)).

## GEOPHYSICAL:

Seven (7) significant earthquakes (M<sub>2.0</sub>) were recorded in the region by Indonesia's *Badan Meteorologi, Klimatologi, dan Geofisika* ([BMKG](#)), Myanmar's Department of Meteorology and Hydrology ([DMH](#)) and Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Semeru (alert level III) and Ibu (alert level II) in Indonesia, and Taal (alert level 1), Mayon (alert level 1), and Kilaon Volcano (alert level 1) in the Philippines reported recent volcanic activity according to the *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 most of the southern ASEAN region; collar conditions are expected over much of the central Maritime Continent. For the regional assessment of extremes, there is a small increase in chance to occur in mainland Southeast Asia and Peninsular Malaysia, and a moderate chance in southern and central Maritime Continent for a very heavy rainfall event; a small increase in chance for extreme hot conditions to occur in southeastern Maritime Continent. 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 underway. Negative IOD tends to bring wetter conditions to much of the southern ASEAN region.