



## WEEKLY UPDATE ON NATURAL DISASTERS IN ASEAN PLUS THREE

**No. 385**  
**18 - 24 September 2024**

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### **Brunei Darussalam**

**Strong winds battered Brunei Darussalam.** On 17 September 2024, wind gusts of up to 80 kilometres per hour badly hit many areas of Brunei Darussalam. Trees were uprooted, crashing into vehicles and injuring one person. Numerous roads were blocked by the fallen trees while building's roofs were blown off by the winds. The country was expected to be influenced by tropical depression system from northeast of the Philippines, and Tropical Storm Pulasan in the western Pacific Ocean until 23 September 2024.

**Sources:** Borneo Bulletin. (2024, Sep 18). *Strong winds grip the Sultanate.*

### **Cambodia**

**Floods affected thousands of people in Cambodia.** Inundation in seven provinces of Cambodia, namely Kratie, Stung Treng, Preah Sihanouk, Mondulkiri, Siem Reap, Tboung Khmum, and Ratanakiri from 5 to 21 September 2024 affected 10,125 families and 3,079 houses. Meanwhile, 146 families

had been evacuated. More than 5,500 hectares of paddy field and other crops were also damaged. As of 22 September 2024, floodwater gradually receded.

**Sources:** Khmer Times. (2024, Sep 23). *Floods hit seven provinces.*

### **Indonesia**

**Earthquake claimed two lives in Indonesia.** A 5-magnitude earthquake jolted West Java province, Indonesia on 18 September 2024. It killed two children while at least 139 people were injured. Some 5,732 houses, 74 schools and 113 places of worship were damaged. As of 20 September 2024, about 710 people still stayed at the temporary shelters. A state of emergency was declared in the quake-hit area. The earthquake's epicenter was about 24 kilometres southeast of Bandung regency at a depth of about 10 kilometres.

**Sources:** The Star. (2024, Sep 20). *Two children die, hundreds injured in 5-magnitude West Java quake.*

### **Lao PDR**

**Heavy rains triggered floods in Huaphan province of Lao PDR.** Torrential rainstorms during 20 – 21 September 2024 caused rivers in Samneua district of Huaphan province, Lao PDR, to overflow and flood several areas. The extent of damages was being assessed. Meanwhile, local officials arranged temporary accommodation and provided household essentials for flood victims. Residents, living alongside of the Mekong River and its tributaries as well as in low-lying areas, were warned to prepare for more flood.

**Sources:** Vientiane Times. (2024, Sep 24). *Heavy rain causes floods in Huaphan*

## Malaysia

**The number of flood victims in Malaysia's Kedah state exceeded 8,000.** The number of flood-affected people in Kedah state of Malaysia rose to 8,898 people as of 22 September 2024, up from 8,066 a day earlier. All evacuees housed at 44 temporary relief centres across five districts. In the meantime, four rivers in the state were at the danger level. However, the flood situation in the state was getting better. Some of flood-affected people had already returned home, bringing the number of evacuees to 6,804 as of 24 September 2024. Thunderstorms and strong winds were forecast in parts of Kedah, Penang, Perak and Melaka states.

**Sources:** The Star. (2024, Sep 22). *The number of flood victims in Kedah increases to 8,898*; FMT. (2024, Sep 24). *Slight drop in number of flood evacuees in Kedah*.

## Myanmar

**Nearly 890,000 people in Myanmar affected by widespread flooding.** Ongoing floods in nine states and regions across Myanmar affected nearly 890,000 people as of 22 September 2024. The most affected areas were Mandalay, southern Shan, eastern Bago, Kayin, and Nay Pyi Taw. There were over 300 people reportedly dead, and almost 100 injured. Floods and landslides caused widespread destruction to homes, household assets, and destroyed livelihoods and critical infrastructure. Water level in many flooded areas started receding. Still, many challenges remained for those affected to return home.

**Sources:** Reliefweb. (2024, Sep 22). *Myanmar: Flash Flood Update 02 (22 September 2024)*.

## Philippines

**Deadly disasters ravaged the Philippines.** As of 19 September 2024, the combined effects of tropical cyclones: Ferdie, Gener and Helen, together with the southwest monsoon claimed 23 lives in the Philippines. Meanwhile, 15 others went missing, and 13 were injured. The series of weather disturbances affected 1,061,421 people in 13 regions, 63,360 individuals of which sheltered in 634 evacuation centres. A total of 1,243 houses were also damaged. In the meantime, the Philippine Institute of Volcanology observed an increase in unrest of Kanlaon Volcano on Negros Island. There were 8,932 tonnes of sulfur dioxide flux, a moderate emission from the volcano, and 45 volcanic earthquakes recorded. Residents nears the volcano were advised to wear face mask to protect from volcanic ash and gases

**Sources:** Philippine News Agency. (2024, Sep 19). *Deaths from 3 cyclones, 'habagat' effects rise to 23*; Philippine News Agency. (2024, Sep 20). *Kanlaon eruption possible; logs 45 volcanic quakes*.

## Singapore

**Strong winds and substantial rains wreaked havoc in Singapore.** Strong winds and heavy rainfall lashed Singapore on 17 September 2024, toppling trees and causing adversity in various locations. Fallen trees damaged some vehicles and slowed down traffic. Several buildings were partly damaged by the strong winds. However, no injuries were reported. Sumatra squalls might bring widespread thundery showers and gusty winds with more rainfall until the end of September according to the Meteorological Service of Singapore.

**Sources:** The Star. (2024, Sep 18). *Strong winds, heavy rain batter Singapore, uprooting trees and slowing traffic*.

## Thailand

**Many provinces in Thailand remained submerged.** Seasonal flooding still disrupted six provinces of Thailand, namely Chiang Rai, Lampang, Phitsanulok, Nong Khai, Nakhon Phanom, and Ayutthaya as of 23 September 2024. Over 18,000 households in 27 districts were affected. Disaster mitigation teams with heavy machinery were deployed to drain the floodwater in the affected areas. The floods has caused major damages in 33 provinces across the country since 16 August 2024.

**Sources:** Bangkok Post. (2024, Sep 23). *Flooding in six Thai provinces.*

## Viet Nam

**Viet Nam continually suffered from devastating floods.** Just weeks after Super Typhoon Yagi wreaked havoc across Viet Nam, the country again faced severe flooding. As a result, at least three people died in Nghe An province, and more than 10,000 were displaced as of 24 September 2024. The floods damaged around 320 homes and over 6,300 hectares of crops. Meanwhile, at least 40 school buildings were submerged by floodwater.

**Sources:** NewsX. (2024, Sep 24). *Vietnam Faces Devastating Floods: Three Dead and Thousands Evacuated.*

## China

**Ruthless disasters continued to strike China.** A 4.7-magnitude earthquake at a depth of 12 kilometers rocked Hefei city, the capital of east China's Anhui province on 18 September 2024. Several districts in the city also felt the tremor. However, no reports of casualties and power disruptions. Next day, typhoon Pulasan made second landfall in

China, blowing Fengxian district of Shanghai province after its first landfall in Zhejiang province on the same day. Its intensity was forecast to gradually weaken as it moved inland. Meanwhile, most parts of Shangqiu province were rattled by heavy downpours influenced by Typhoon Bebinca during 17 - 19 September 2024. There were 69 townships flooded and over 433,000 people affected. Also, 5,119 people were displaced. Emergency response and rescue personnel were underway to deal with the situation.

**Sources:** Xinhua. (2024, Sep 18). *4.7-magnitude quake hits east China's Anhui, no casualties reported;* Xinhua. (2024, Sep 19). *Typhoon Pulasan makes 2nd landfall in China;* Xinhua. (2024, Sep 24). *Over 430,000 affected by typhoon-induced heavy rainfall in central China city.*

## Japan

**Torrential rains killed seven while tsunami threatened Japan.** Heavy rains flooded the Noto region in Ishikawa prefecture, Japan, leaving seven dead and six missing as of 23 September 2024. About 5,000 households had no running water due to landslides and power cuts. The number of isolated communities was 56, down from 115 on 22 September 2024. The Noto Peninsula has been susceptible to landslides and rain because of the soil was loosened by the powerful earthquake, which struck the region on 1 January 2024. Furthermore, a 50-centimetre tsunami hit an island south of Tokyo on 24 September 2024 following a magnitude 5.8 earthquake. The tsunami was detected at Hachijo Island, while 20-and 10-centimetre tsunamis were recorded on Kozu and Miyake islands. No damages were reported. The connection between the sea discoloration caused by volcanic activity and the earthquake was under investigation.

**Sources:** Kyodo News. (2024, Sep 24). *Death toll rises to 7 after record rainfall in Japan's quake-hit Noto;* Kyodo News. (2024, Sep 24). *50 cm tsunami reaches island south of Tokyo after M5.8 quake.*

## **Republic of Korea**

**Korea battled torrential rains and earthquake back-to-back.** Heavy overnight rains across Korea triggered landslides and flooding on 21 September 2024. More than 600 people in North and South Gyeongsang provinces, Busan as well as North and South Chungcheong provinces were displaced. Heavy rains also flooded 78 sections of public roads, causing 15 incidents of soil loss and a retaining wall to be collapsed. A total of 27 houses and nearly 30 stores or factories were affected. Meanwhile, over 100 sections of roads were blocked, and 641 sections of 22 national parks remained inaccessible. Also, heavy rain warnings were raised across the southern Gyeongsang region and parts of Gangwon, Chungcheong and Jeolla provinces. The Prime Minister of Korea urgently instructed officials to mitigate rain damages, and prepare for further heavy rainfall due to the approaching of typhoon Pulasan. Besides, a 2.2 magnitude earthquake was recorded off the southeastern city of Ulsan on 22 September 2024 at a depth of 10 kilometres. No damages were reported.

**Sources:** Yonhap News Agency. (2024, Sep 21). *(2nd LD) 600 evacuated as heavy rain floods roads, homes in southern regions*; Yonhap News Agency. (2024, Sep 22). *2.2 magnitude earthquake strikes waters off southeastern city of Ulsan.*

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