ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 20
17 – 23 May 2021

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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, PHIVOLCS;
Malaysia: NADMA;

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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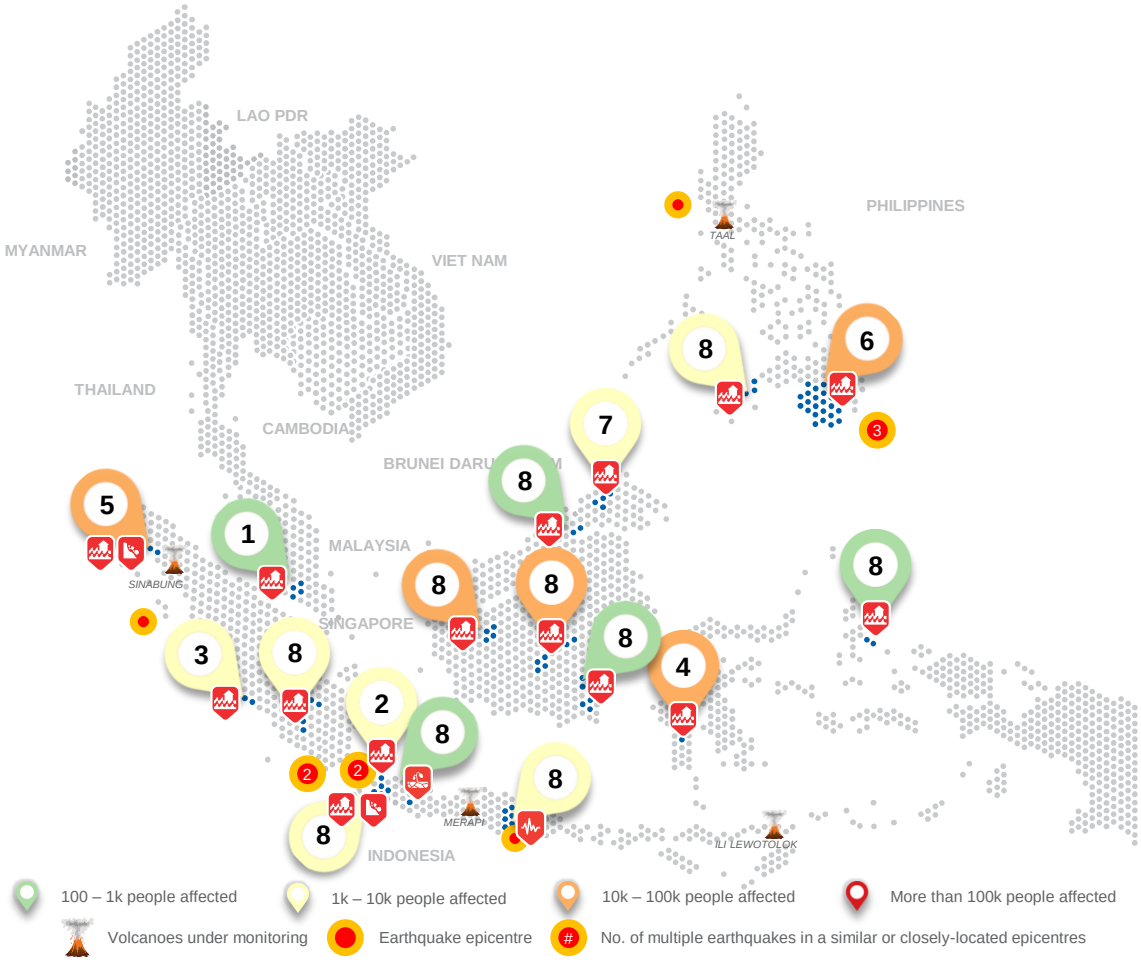


100 – 1k people affected
1k – 10k people affected
10k – 100k people affected
More than 100k people affected
Volcanoes under monitoring
Earthquake epicentre
No. of multiple earthquakes in a similar or closely-located epicentres

REGIONAL TALLY

122K	16.9K	13.7K
AFFECTED PERSONS	DISPLACED PERSONS	DAMAGED HOUSES

0	0	4
DEAD	MISSING	INJURED

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

01 Malaysia, Flooding in Jasin and Melaka Tengah (Melaka)
17 May 2021

02 Indonesia, Flooding in DKI Jakarta
17 May 2021

03 Indonesia, Flooding in Mukomuko Regency (Bengkulu)
17 May 2021

04 Indonesia, Flooding in Wajo Regency (South Sulawesi)
17 May 2021

05 Indonesia, Flooding and Landslide in South Aceh Regency and Flooding in Aceh Singkil and South Aceh Regency (Aceh)
17, 17, 19 May 2021

06 Philippines, Flooding in Regions IX, XII, and BARMM
18 May 2021

07 Malaysia, Flooding in Sipitang, Tenom, Keningau and Beaufort (Sabah)
18 May 2021

08 Other events: 17-May, 17-May, 17-May, 18-May, 18-May, 18-May, 19-May, 19-May, 19-May, 19-May, 19-May, 19-May, 20-May, 20-May, 20-May, 21-May, 21-May, 21-May, 23-May

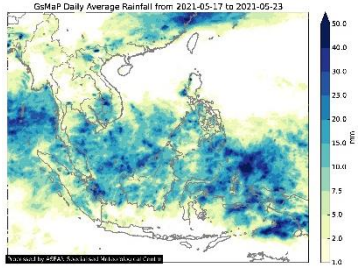
REGIONAL SUMMARY:

For the twentieth week of 2021, a total of 29 disasters (25 floods, 2 landslides, 1 drought, and 1 earthquake) affected the region. Indonesia, Malaysia, and the Philippines have reportedly been affected. High intensity rain that caused the overflowing of some rivers, accompanied by strong winds caused flooding events in Indonesia. Drought as well as earthquake were also reported in Cilacap and Blitar Regencies of Indonesia by the Badan Nasional Penanggulangan Bencana (BNPB). Flooding affected several provinces in several regions in Mindanao, Philippines according to the National Disaster Risk Reduction Management Council (NDRRMC). Lastly, the National Disaster Management Agency (NADMA) of Malaysia reported flooding to have occurred in Melaka, Sabah, and Sarawak states.

HIGHLIGHT:

According to BNPB, flooding in Kapuas Regency in Central Kalimantan on 18 May has affected 5.4K families (27K persons) and damaged 3.8K houses, 11 roads, a public facility, and a place of worship. As of latest report, the weather is already in a better condition and fortunately, there have been no reports of injuries, missing, or displacement. Relevant authorities and agencies have coordinated and conducted assessment in the area. Meanwhile in the Philippines, the Inter-Tropical Convergence Zone (ITCZ) has brought flood and resulted 11.6K families (18.1K persons) affected in Regions IX, XII, and BARMM in Mindanao. Notable damage to agriculture was also reported (approximately 12K USD). Local disaster management authorities ensured that appropriate actions were taken in response to the disasters.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed noticeable high 7-day average rainfall across the equatorial region. Consequently, where a lot of disasters have been reported for the week. As of reporting there is a tropical cyclone in the region under monitoring (Tropical Cyclone 02) in the Indian Ocean (JTWC).

GEOPHYSICAL:

Ten (10) significant earthquakes (M≥5.0) were recorded in the region by Indonesia's Badan Meteorologi Klimatologi dan Geofisika (BMKG) and the Philippine Institute of Volcanology and Seismology (PHIVOLCS). Mount Ili Lewotolok (alert level III) in Indonesia and Taal Volcano in the Philippines (alert level 2) reported recent volcanic activity and are under close monitoring. Volcanic activity was also reported for Mount Ibu and Semeru in Indonesia and Kanlaon and Mayon in the Philippines according to PVMBG and PHIVOLCS.

OUTLOOK:

According to the ASMC, warmer conditions are expected to ease in the coming week and will be confined mainly to Northern Myanmar, and Lao PDR. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in Southern Myanmar; a small increase in chance of extended dry conditions for the equatorial region; and a small increase in chance for extremely hot conditions in coastal Borneo, Sulawesi, Northern Maluku Islands, and Eastern Java. La Niña conditions in the Pacific are weakening but can still affect the rainfall and temperature patterns in Southeast Asia.