ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 10
7 - 13 Mar 2022

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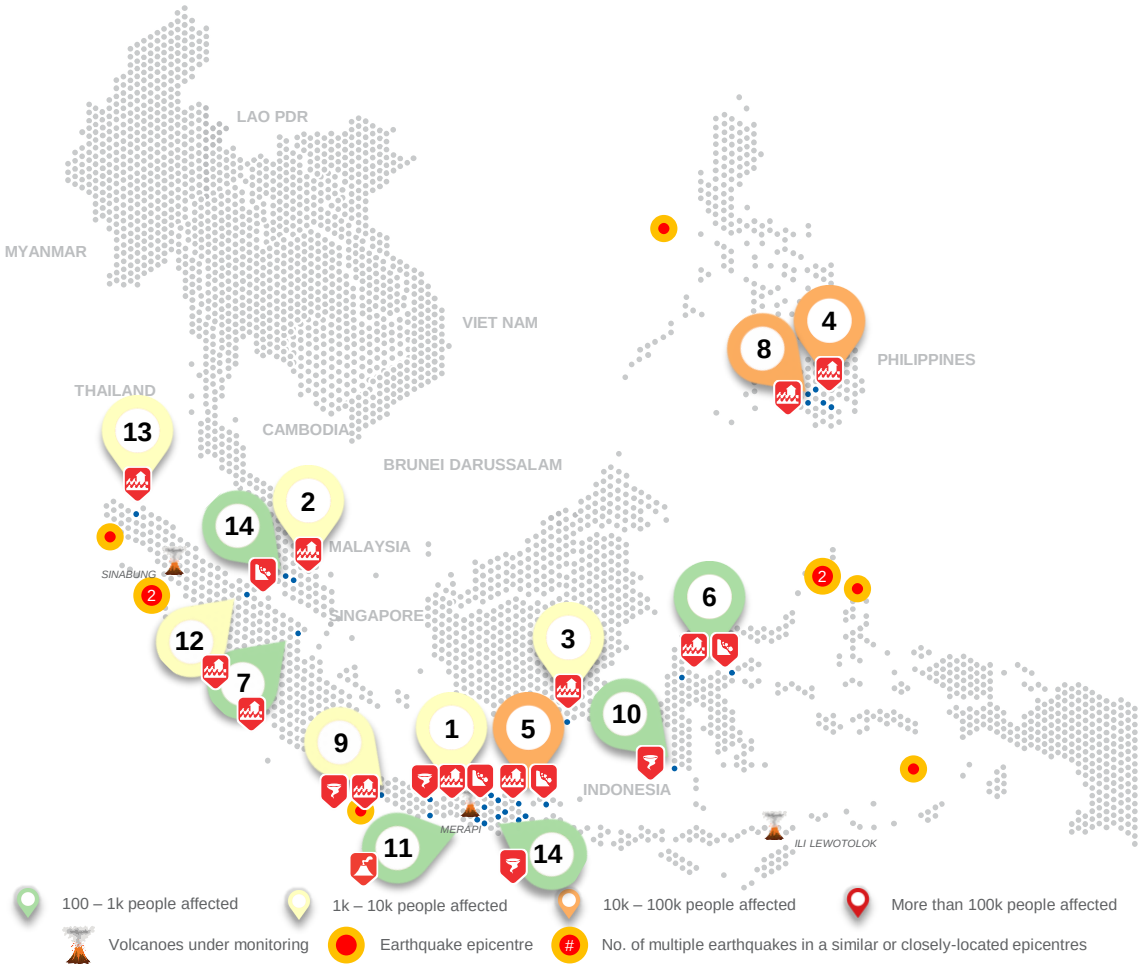
SOURCES

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

Indonesia: BNPB, BMKG, PVMBG;
Malaysia: NADMA;
Philippines: NDRRMC, PHIVOLCS;

Various news agencies



REGIONAL TALLY

118.9K AFFECTED PERSONS

5.6K DISPLACED PERSONS

15.7K DAMAGED HOUSES

7 DEAD

1 MISSING

1 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 Indonesia, Flooding in Cilacap & Pati Regency; Tornado in Semarang Regency; Landslide in Karanganyar Regency (Central Java)
7 & 11, 8, 8, 9 Mar 2022
02 Malaysia, Flooding in Kuala Lumpur, Melaka, Negeri Sembilan, & Selangor
7 Mar 2022
03 Indonesia, Flooding in Tanah Laut Regency (South Kalimantan)
7 Mar 2022
04 Philippines, Flooding in Sarangani, Sultan Kudarat, North Cotabato, & South Cotabato (Region XII)
8 Mar 2022
05 Indonesia, Flooding in Pasuruan City, Gresik (2), Pasuruan, Jombang, Pamekasan, & Tuban Regency; Flooding & Landslide in Malang Regency (East Java)
8, 8, 8, 9, 10, 11 Mar 2022
06 Indonesia, Flooding in Banggai Regency; Flooding & Landslide in Sigi Regency (Central Sulawesi)
9, 12 Mar 2022
07 Indonesia, Flooding in Bengkalis Regency (Riau)
9 Mar 2022
08 Philippines, Flooding in Maguindanao (BARMM)
9 Mar 2022
09 Indonesia, Strong Wind in Sukabumi Regency; Flooding in Cirebon Regency & Cirebon City (West Java)
9, 13, 13 Mar 2022
10 Indonesia, Strong Wind in Jeneponto Regency (South Sulawesi)
9 Mar 2022
11 Indonesia, Volcanic Eruption Mount Merapi in Yogyakarta & Central Java
9 Mar 2022
12 Indonesia, Flooding in Medang City & Asahan Regency (North Sumatra)
9, 11 Mar 2022
13 Indonesia, Flooding North Aceh Regency (Aceh)
10 Mar 2022
14 Other Events: Malaysia – Kuala Lumpur (11-3); **Indonesia –** Gunungkidul Regency (11-3)

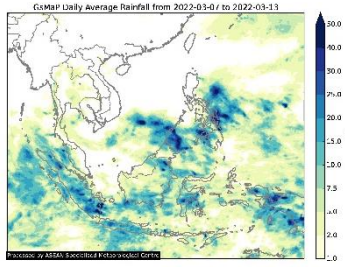
REGIONAL SUMMARY:

For the tenth week of 2022, a total of 34 disasters (25 floods, 4 landslides, 4 wind-related, and 1 volcanic eruption) affected the region. Indonesia, the Philippines, and Malaysia have reportedly been affected. Rain-induced landslides, several localised high-intensity rainfall that caused rivers to overflow resulting in floods, heavy rainfall accompanied by strong winds, and tornadoes were reported by Indonesia's Badan Nasional Penanggulangan Bencana (BNPB). The National Disaster Risk Reduction and Management Council (NDRRMC) reported that high intensity rainfall due to a low pressure area caused flooding in Region XII and BARMM of the Philippines. Lastly, Agensi Pengurusan Bencana Negara (NADMA) reported that flooding affected several areas in Peninsular Malaysia. According to the ASEAN Specialised Meteorological Centre (ASMC), La Niña conditions are still present in the Pacific and at the seasonal timescale, La Niña events bring wetter conditions to much of the ASEAN region.

HIGHLIGHT:

According to the NDRRMC, on 9 March, several municipalities in Maguindanao reported flooding due to continuous light to moderate with at times heavy rains caused by a low-pressure area affecting Mindanao, Philippines. Local disaster risk reduction and management offices in the affected areas are continuously conducting series of validations and verification of the effects. A total of 20 barangays in 4 local government units experienced flooding which resulted in 7,785 families (38,925 persons) affected and 1,020 persons being displaced into 3 evacuation centres and into friends' and relatives' homes.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed high 7-day average rainfall in eastern Philippines, southern tip of Palawan and relatively high across Sumatra, Java, Kalimantan, Sulawesi, and Papua of Indonesia. As of reporting, there is a tropical cyclone advisory for TC 20S which is present South of Sumatra or Southwest of Java but is moving away from the region (JTWC).

GEOPHYSICAL:

Nine (9) 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 Semeru, Merapi, Ili Lewotolo all on Alert Level III in Indonesia and Taal Volcano (Alert Level 2) and Mount Kanlaon (Alert Level 1) reported recent volcanic activity according to Pusat Vulkanologi dan Mitigasi Bencana Geologi (PVMBG) and PHIVOLCS.

OUTLOOK:

According to the ASMC, for the coming week, wetter conditions are expected over much of the Philippines, northern Borneo, and northern Sulawesi. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event in southern Philippines, eastern Borneo, southern parts of Mainland Southeast Asia and western Sumatra; for extreme hot conditions, there is a small increase in chance in the northern parts of Myanmar.