REGIONAL SUMMARY:
A total of 20 disasters (11 floods, 5 landslides, 2 storms, 2 wind) affected the region in week 51. These disasters occurred in Indonesia, Malaysia, Philippines and Thailand. High intensity rain which also caused the overflowing of rivers caused the floods in multiple provinces of the member state. A strong monsoon also occurred and resulted flood, flashflood, windstorm in Thailand. Lastly, Tropical Depression Krovanh (Vicky) that occurred in the Philippines caused major damages.

HIGHLIGHT:
According to Indonesia’s BNPB, flooding and landslide has affected 5 provinces. Malaysia’s NADMA reported that flooding has affected 3 provinces. From 14 December 2020, heavy rain caused the flood in Cilacap Regency, Central Java Province, affected 9.2K families (46.2K persons). A total 27.9K families are affected by flood, landslides, and windstorm as a result of strong monsoon that occurred in Thailand since 18 December. From 18 December, Tropical Depression Krovanh (Vicky) occurred and caused major damages through flood, landside, windstorm, affecting approximately 97.7K people and around 2.3M USD worth of damage to infrastructure.

HYDRO-METEO-CLIMATOLOGICAL:
For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed high 7-day average rainfall over most parts of Indonesia, Philippines, Malaysia, Southern part of Thailand Viet Nam’s East Sea, and the West Philippine Sea. As of reporting, tropical cyclone (TD Krovanh) advisory has been issued by the JTWC.

GEOPHYSICAL:
Three (3) 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 Il Lewotoloto, Sinabung Merapi, and Karangetang in Indonesia are on Alert Level III. Volcanic activity was reported for Ibu (Alert level II) in Indonesia, Mayon, Taal and Kanlaon in The Philippines on Alert Level I as reported by PVMBG and PHIVOLCS.

OUTLOOK:
For the coming week, the ASMC forecasts wetter conditions for the Philippines, parts of central and southern Viet Nam, southern Thailand and southern Myanmar; drier conditions over parts of the equatorial region, in particular Borneo and central Sumatra for the next fortnight; and cooler conditions for southern parts of Indonesia. For the regional assessment of extremes there is a small increase in chance for a very heavy rainfall event to occur in coastal Viet Nam and the Philippines, and for extreme hot conditions over Myanmar.