REGIONAL SUMMARY:

For the forty-first (41st) week of 2021, a total of 31 disasters (1 drought, 1 earthquake, 15 floods, 6 landslides, 2 storms, and 6 wind-related) affected the region. Cambodia, Indonesia, the Philippines, Thailand, and Viet Nam have reportedly been affected. According to the media, flooding occurred in Kampong Speu Province, Cambodia. Hydro-meteorological disasters (drought, flooding, landslides, and winds), earthquake, and earthquake-induced landslide have been reported in nine (9) provinces in Indonesia by Badan Nasional Penanggulangan Bencana (BNPB). Tropical Cyclone (TC) KOMPASU caused flooding, landslides, storms, and winds in Region 1, 2, 3, 6, MIMAROPA, CAR, and CARAGA in the Philippines as reported by the Philippine’s National Disaster Risk Reduction and Management Council (NDRRMC). The Thailand’s Department of Disaster Prevention and Mitigation (DDPM) reported widespread flooding and landslide in the North, Northeast, East, Central and West Region of Thailand. Lastly, flooding, landslide, wind and storm occurred in three (3) provinces in Viet Nam as reported by the Viet Nam National Disaster Management Authority (VNMDA).

HIGHLIGHT:

According to the Philippines’ NDRRMC, TC KOMPASU resulted in a floods, landslides, storms and winds in Region 1, 2, 3, 6, MIMAROPA, CAR, and CARAGA. The events have affected 158.5K families (626.2K people), claimed the life of 40 individuals, 18 people reported missing, 5 injured, caused damages to 7.6K houses, 286 roads, 34 bridges, and 75.8M USD worth of damages to agriculture and infrastructure. According to the latest report, a total of 714.2K USD worth of assistance have been provided to the victims of and 21 cities/municipalities in Region 1 and MIMAROPA had declarations of state of calamity.

HYDRO-METEO-CLIMATOLOGICAL:

For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed high 7-day average rainfall spreading across northern Luzon, Palawan, Philippines, North-Central Coast and South-Central Coast of Viet Nam. As of reporting, TC NAMTHEUN is located outside/moving away from the Region (JTWC).

GEOPHYSICAL:

Six (6) significant earthquakes (M5.0) were recorded in the region by Indonesia’s Badan Meteorologi Klimatologi dan Geofisika (BMKG), II Lewotolok in Indonesia (alert level III) and Tal in the Philippines (alert level II) after recent volcanic activity and close monitoring. Volcanic activity was also reported for Semeru, Kerinci, and Ibu in Indonesia, and KantoGEN in the Philippines according to Pusat Vonaktologi dan Mitigasi Bencana Geologi (PVMBG), and the Philippine Institute of Volcanology and Seismology (PHIVOLCS).

OUTLOOK:

According to the ASMC, wetter conditions are expected over most of the Maritime Continent and Mainland Southeast Asia; Drier conditions are expected over the western Maritime Continent and parts of Borneo; Warmer than usual temperatures are predicted over much of the equatorial region; For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event to occur in Northern Mainland Southeast Asia, parts of the equatorial region; moderate increase in chance for extreme hot conditions to occur in Northern Myanmar, northern Sumatra, and southeastern Indonesia; while the negative Indian Ocean Dipole (IOD) appears to be ending, there are signs of a La Niña developing in the Pacific. At the seasonal timescale, negative IOD events tend to bring wetter conditions to the southern Maritime Continent, while La Niña events bring wetter conditions to much of the ASEAN region.

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