REGIONAL SUMMARY:

For the fourth (4th) week of 2022, a total of 20 disasters (6 floods, 1 landslides, 1 storm, and 12 wind-related) affected the region. Indonesia and the Philippines have reportedly been affected. Heavy rainfall has caused flooding, rain-induced landslides, and wind-related events in Lampung, West Java, Central Java, Yogyakarta, East Java, West Kalimantan, and Central Sulawesi Province as reported by Indonesia’s Badan Nasional Penanggulangan Bencana (BNPB). For the Philippines, the Low-Pressure Area has caused storms and floods in Jabonga and Kitcharao. Agusan del Norte (CAGARA Region) as reported by the National Disaster Risk Reduction and Management Council (NDRRMC).

HIGHLIGHT:

According to BNPB, heavy rainfall, strong wind, and the overflowing of rivers and irrigation channels since 24 Jan has caused flooding, rain-induced landslides, and wind-related events in Banjar City, Bogor Regency, Cirebon Regency, Indramayu Regency and Tasikmalaya City in West Java Province, Boyolali Regency, Jepara Regency, Pekalongan Regency, and Pemalang Regency in Central Java Province, Siemen Regency in Yogyakarta Province, and Jember Regency, and Sidrap Regency in East Java Province. In total, 1K families (4K persons) have been affected, and 162 persons displaced have been reported in East Java, Central Java, Yogyakarta, and West Java Province. Reports of damages include 852 houses, 1 bridge, 1 school, 8 public facilities, and 3 worship places. Local disaster management agencies have carried out necessary actions and continue to monitor and assess the situation. Meanwhile, in Sekadu Regency (West Kalimantan), flooding caused by heavy rainfall and overflowing of Sekadu River on 24 Jan has affected 2.2K families (11K persons) and damaged 2.2K houses.

HYDRO-METEO-CLIMATOLOGICAL:

For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed high 7-day average rainfall spreading across Papua in Indonesia; Sarawak of Malaysia; and Caraga, Central Visayas, Western Visayas, Palawan, and Cagayan Region of the Philippines. As of reporting, Tropical Cyclone BATSIRAI and Tropical Disturbance INVEST 98F is located outside the ASEAN Region and forecasted not to directly impact the ASEAN Region (JTWC).

GEOPHYSICAL:

Five (5) 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 Sumeru (alert level 3) in Indonesia, and Mount Taal (alert level 2), and Karanlison (alert level 1) in the Philippines reported recent volcanic activity according to Pusat Vulkanologi dan Mitigasi Bencana Geologi (PVMBG) and PHIVOLCS.

OUTLOOK:

According to the ASEAN Specialised Meteorological Centre (ASMC), for the coming week, warmer conditions are predicted over the coastal regions of eastern Mainland Southeast Asia; cooler conditions are predicted for northeastern Mainland Southeast Asia. For the regional assessment of extremes, there is a low chance for extreme hot conditions to occur in southeastern mainland Southeast Asia, northern Philippines, and the Malay Peninsula; and small increase in chance for extreme cold conditions to occur in Myanmar. La Niña conditions are still present in the Pacific. At the seasonal timescale, La Niña events tend to bring wetter conditions to much of the ASEAN region.