For the fifth (50th) week of 2021, a total of 51 disasters (2 earthquakes, 32 floods, 9 landslides, 1 storm, and 7 wind-related) affected the region. Indonesia, the Philippines, and Thailand have reportedly been affected. Heavy rainfall has caused flooding, rain-induced landslides, and tornado in Sumatra, Java, Bali Nusa Tenggara, Kalimantan, Sulawesi and islands surrounding, and 2 earthquakes affecting East Java, East Nusa Tenggara, Maluku, South Sulawesi. and Southeast Sulawesi as reported by the Indonesia’s Badan Nasional Penanggulangan Bencana (BNPB). For Malaysia, floods were reported by Agensi Penguaran Bencana Negara (NADMA) in Peninsular Malaysia, Tropical Cyclone (TC) RAI caused flooding, landslides, storms, and winds in Region II, VI, VII, VIII, IX, X, XI, XII, CALABARZON, MIMAROPA, CARAGA, BARMM, and NCR 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 flooding in the South Region of Thailand.

For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) showed high 7-day average rainfall spreading across Sumatra and Kalimantan, Indonesia; the Philippines and coast of Viet Nam as a result of Tropical Cyclones RAI; and Peninsular Malaysia. As of 20 Dec, 2200 HRS UTC+7, TC RAI has been forecasted to weaken into a low pressure area and TC CHANTHU and INVEST 95B are located outside moving away from the Region (PAGASA, NCHMF, JTWC).

Seventeen (17) significant earthquakes (Ms≥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 Lewolek (alert level III), Semeru (alert level III), Awu (alert level II), and Kerinci (alert level II) in Indonesia, and Mount Taal (alert level 2) and Kanlaon (alert level 1) in the Philippines reported recent volcanic activity according to Pusat Vulcanologi dan Mitigasi Bencana Geologi (PVMBG), and PHIVOLCS.

According to the ASEAN Specialised Meteorological Centre (ASMC), for the coming week, drier conditions are expected over the central equatorial region. La Nifia conditions are now present in the Pacific. At the seasonal timescale, La Niña events bring wetter conditions to much of the ASEAN region.