REGIONAL SUMMARY:

A total of 6 disasters (5 floods and 1 landslide) affected the region in the seventeenth week of 2021. Indonesia and the Philippines have reportedly been affected. Several localised heavy rainfall which caused some rivers to overflow triggered floods in Indonesia as reported by Indonesia’s Badan Nasional Penanggulangan Bencana (BNPB). Heavy rains caused by a localised thunderstorm triggered a flood in Davao del Sur, Philippines as reported by the National Disaster Risk Reduction and Management Council (NDRMMC).

HIGHLIGHT:

According to the reports from the NDRMMC, moderate to heavy rain with lightning and strong winds due thunderstorms were experienced on 26 Apr in Davao City and Davao del Norte causing flooding in two (2) districts in Davao City. A total of 2,243 families (9,784 persons) were affected in Bunawan and Buhangin-B districts. 162 families (419 persons) took refuge in five (5) evacuation centres while the rest took refuge in their own homes. The local disaster management agency has done assessments and coordinated with relevant authorities in aid of the victims.

HYDRO-METEO-CLIMATOLOGICAL:

For the past week, data from the ASEAN Specialised Meteorological Centre (ASMC) shows localised heavy rainfall across mainland Southeast Asia, Sumatra, Kalimantan, and Papua in Indonesia. As of reporting, there are no tropical cyclone advisories in the region (JTWC). La Niña conditions are weakening but can still affect the rainfall and temperature patterns in the region.

GEOPHYSICAL:

Six (6) significant earthquakes (Ms5.0) were recorded in the region by Indonesia’s Badan Meteorologi Klimatologi dan Geofisika (BMKG). Mt. Sinabung and Mt. Il Lewotolok (Alert Level III) in Indonesia and Taal volcano in the Philippines (Alert Level 2) (PHIVOLCS) reported recent volcanic activity and is under close monitoring. Lastly, Semeru and Dukono in Indonesia remain on Alert Level II despite recent volcanic activity per PVMBG.

OUTLOOK:

For the coming week, the ASMC forecasts wetter conditions and cooler temperatures for western and central Maritime Continent (extending to coastal regions of Southern Viet Nam); and drier conditions for southern parts of the Maritime Continent. For the regional assessment of extremes, there is a small increase in chance for a very heavy rainfall event in Malaysia and Southern Viet Nam and a moderate increase in chance in Southern Thailand; moderate increase in chance for extreme cold conditions in Northern Sumatra, parts of Malaysia, and Southern Thailand.