High-intensity rainfall, the overflow of some rivers, and poor drainage systems have caused localized flooding events in different parts of Indonesia as reported by the Badan Nasional Penanggulangan Bencana (BNPB). A tornado also reportedly swept across Vinh Long province in Viet Nam according to the Viet Nam National Disaster Management Authority (VNDMA).

HIGHLIGHT:

According to BNPB, high intensity rain since 2 Sep has caused flooding in Mempawah Regency, West Kalimantan. As of 9 Sep, 5.2K families/18.1K people have been reportedly affected, and 5.2K houses have been damaged. BNPB Rapid Response Team of Mempawah has conducted rapid assessments and evacuation of residents and coordination with related agencies. On another note, flooding in Lamandau, Central Kalimantan has prompted the region of Lamandau to issue a decree on emergency response for 10 days (6 – 15 Sep). As of 13 Sep, BNPB Rapid Response Team has finished providing assistance in the regency.

HYDRO-METEO-CLIMATOLOGICAL:

Recorded rainfall values in the region are in accordance with the previous forecast by the ASEAN Specialised Meteorological Centre (ASMC) that drier conditions will persist in the northern ASEAN region and that wetter conditions will persist for the equatorial region. According to the Joint Typhoon Warning Centre (JTWC), no tropical cyclone advisories have been issued for the region.

GEOPHYSICAL:

Eleven (11) significant earthquakes (M≥5.0) were recorded in the region by Indonesia’s Badan Meteorologi Klimatologi dan Geofisika (BMKG) and the Philippine Institute for Volcanology and Seismology (PHIVOLCS). Mount Sinabung and Karangetang in Indonesia, both on Alert Level III, are under close monitoring. Lastly, Semeru and Dukono, in Indonesia remain on Alert Level II despite recent volcanic activity per PVMBG.

OUTLOOK:

The ASMC has raised Alert Level 1 marking the start of the dry season in the southern ASEAN region. The dry season is expected to continue into October 2020. According to ASMC’s regional assessment of extremes, there is a moderate increase in chance for a heavy rainfall event (northern coastal regions of Borneo, northern Sulawesi, west Papua and Southern Thailand) and extreme hot conditions (most parts of mainland southeast Asia, southern parts of southeast Asia, areas around Java, and Nusa Tenggara) in the coming week (14-20 Sep).