



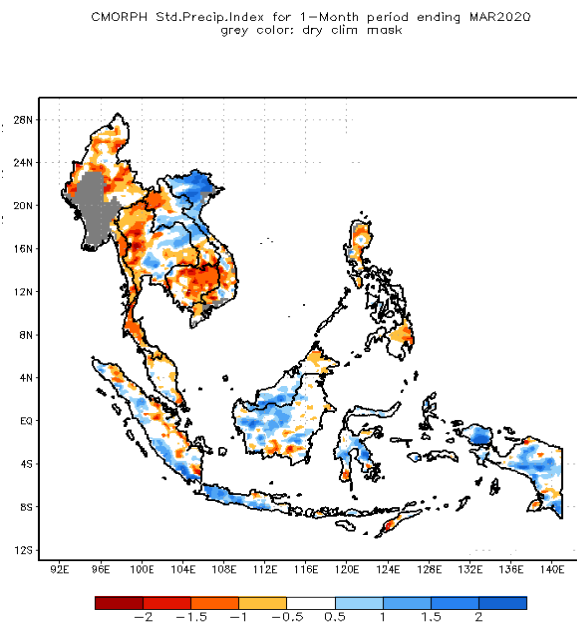
## Climate Monitoring Node – WMO-RCC-SEA – DOST-PAGASA / No. 03

### CLIMATE WATCH FOR RAINFALL DEFICIENCY

Area Concerned: Cambodia, Myanmar, Philippines

Date Issue: April 2020

Areas of *moderate* to *severe* rainfall deficiencies have been observed in some parts of Southeast Asia region, particularly Cambodia, Myanmar and Philippines as shown by the 1-month Standard Precipitation Index (SPI). This dry condition was consistent with 3-month below-normal rainfall being experienced for the period January – March 2020 (see attached 3-month SPI). Other parts of Southeast Asia recorded *moderate* rainfall deficiencies, but these were not as extensive.



Sea surface temperatures observed for the month were near average over most of the tropical Pacific Ocean, however, the Niño 4 region showed a warmer SST ( $\sim 0.5 - 1^{\circ}\text{C}$  SST anomaly) extending up to eastern Indonesia. Likewise, SSTs in most parts of the region are slightly above average.

Neutral values of the Indian Ocean Dipole (IOD) were observed in March. SST anomaly over most of the western and eastern equatorial Indian Ocean are near average.

Inactive/non-convective phase of the Madden-Julian Oscillation (MJO) in most parts of the Maritime Continent in March. However, towards the end of the month, the MJO entered Phase 3, bringing more rainfall to the western Maritime Continent.