



CLIMATE BULLETIN FOR SEA

Climate Monitoring Node – WMO-RCC-SEA – DOST-PAGASA

Issued: November 2023

CLIMATE WATCH FOR RAINFALL DEFICIENCY – EL NIÑO

Areas of Concern:
Philippines,
Indonesia, Peninsular
Malaysia and Sabah

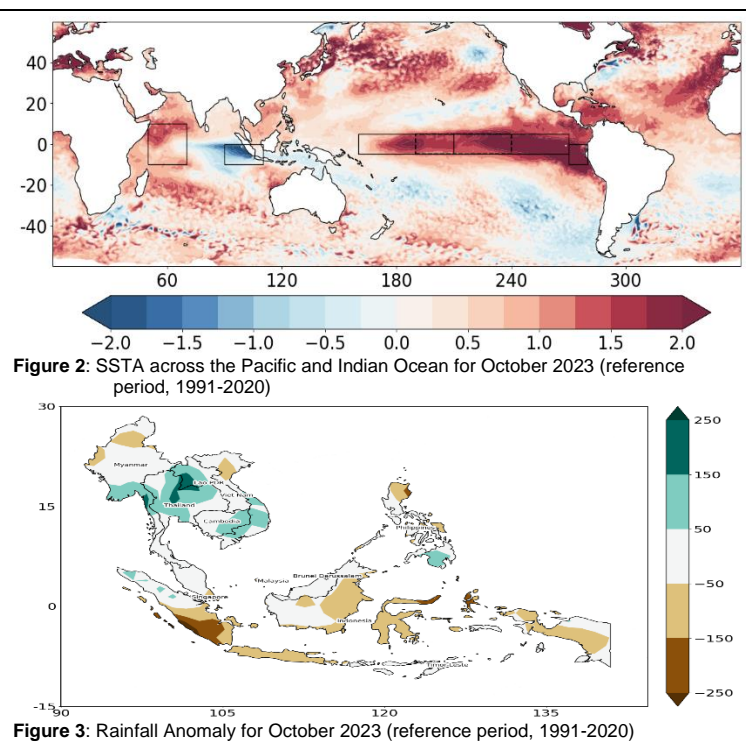
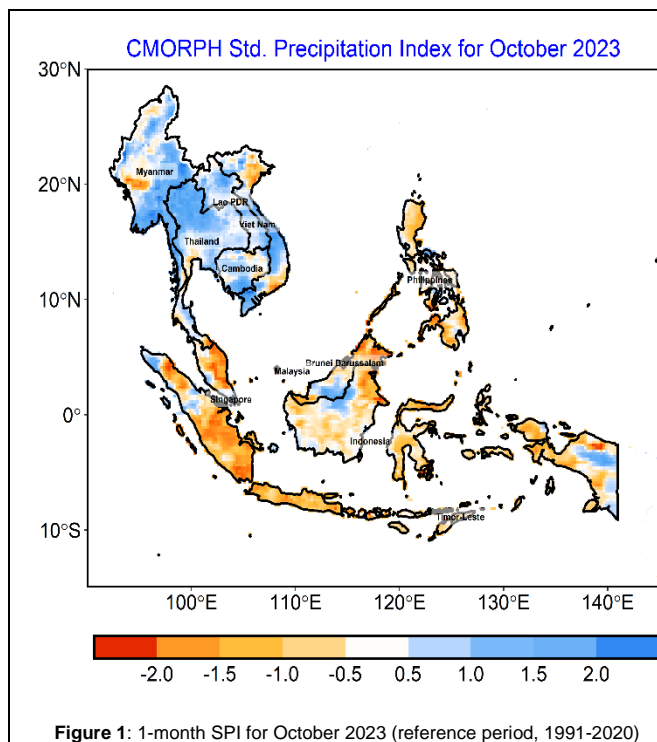
Areas of *moderate* rainfall deficiencies have been observed in some parts of Southeast Asia region, particularly over most of the Philippines and Indonesia as shown in Figure 1, consistent with the 3-month below-normal rainfall being experienced for the period August – October 2023 (Figure 4). While some other parts of Southeast Asia (Peninsular Malaysia and Sabah) recorded *mild to moderate* rainfall deficiencies, most of the other region received adequate rainfall for the month of October.

Sea surface temperatures (SSTs) across the central and eastern equatorial Pacific were consistently warmer than average in October with anomalies greater than 1.5°C on the average. The strong warming (>2.0°C anomaly) was still observed over the eastern equatorial Pacific. However, the SSTAs in the western Pacific and over most of the maritime continent were near to below average, particularly around Indonesia.

Positive IOD levels were still observed during the month, as warmer than average SSTs were observed over the western equatorial Indian Ocean while the eastern equatorial Indian Ocean was cooler than average.

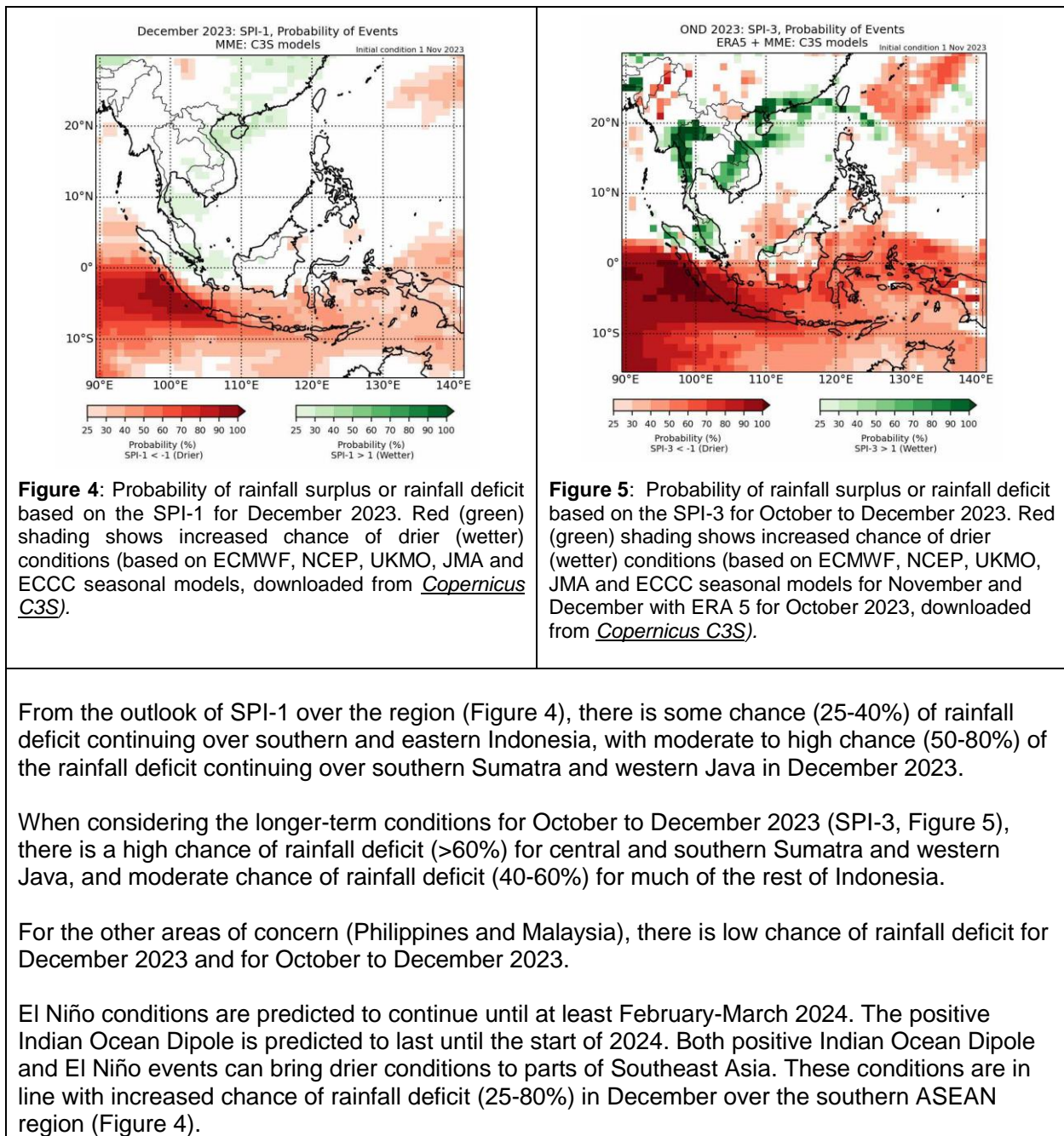
Inactive phase of the Madden–Julian Oscillation (MJO) over the region in October was observed characterized by suppressed convection and precipitation in most areas.

MAPS





OUTLOOK:



Next issuance will be on December 2023.



Attachment:

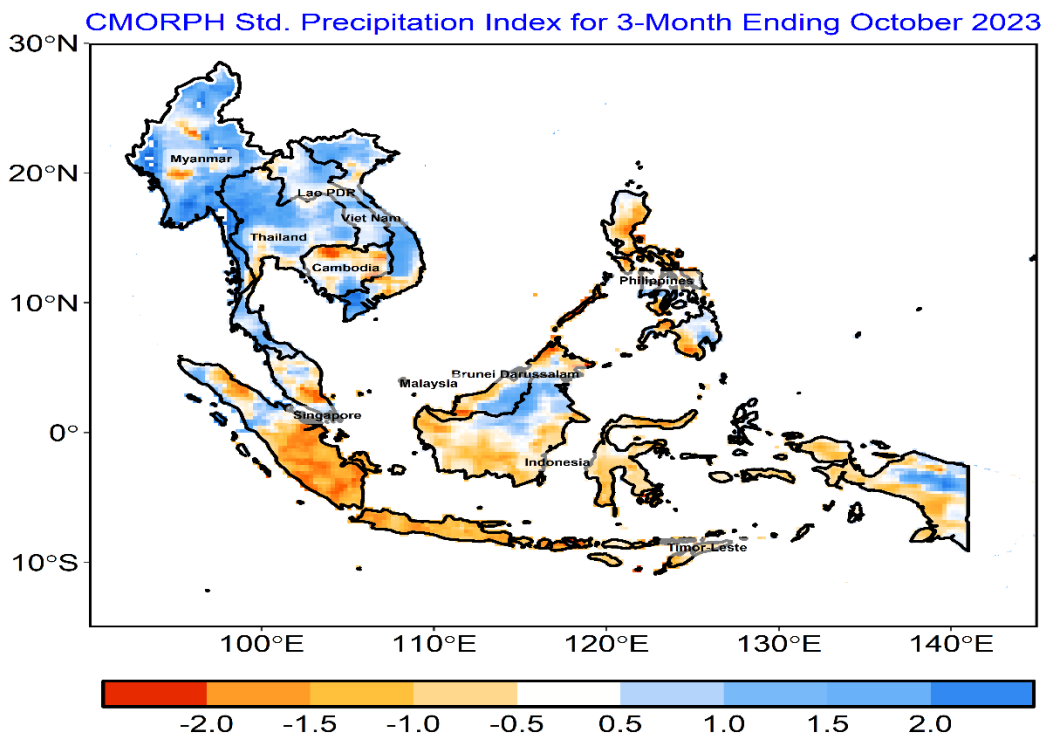


Figure 4: 3-month SPI for August - October 2023 (reference period, 1991-2020)

Table 1: McKee and others (1993) SPI value-classification table as recommended in World Meteorological Organization, 2012: Standardized Precipitation Index User Guide (M. Svoboda, M. Hayes and D. Wood). (WMO-No. 1090), Geneva.

Table 1. SPI values

| | |
|---------------|----------------|
| 2.0+ | extremely wet |
| 1.5 to 1.99 | very wet |
| 1.0 to 1.49 | moderately wet |
| -.99 to .99 | near normal |
| -1.0 to -1.49 | moderately dry |
| -1.5 to -1.99 | severely dry |
| -2 and less | extremely dry |