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Sub: Long range weather forecast for April - June 2025.

- The values of Southern Oscillation Index (SOI) in April 2024 - March 2025 were -0.3, -6.3, -3.1, -9.5, +7.8, -1.0, +4.2, +6.5, +10.8 and +3.7, +7.7, +13.2 (Bureau of Meteorology, Australia).
- In March 2025, below normal (-86%) rainfall recorded over the country. Light to heavy rainfall with lightening & hailstorm was recorded at few places over the country during 13-17, 20-22 & 31 March 2025 due to the conjugation of Westerly and Easterly wind flow. At this time, highest rainfall 68 mm recorded at Sylhet on 15 March 2025. Mild heat wave (13-16 March 2025) and moderate heat wave (26-31 March 2025) swept at many places over the country for the presence of a thermal low-pressure area in West Bengal and adjoining western part of Bangladesh. At this time, the recorded highest maximum temperature was 41.0°C at Jashore on 28 March 2025 and the recorded lowest minimum temperature was 12.0°C at Rajarhat on 4 March 2025 & Sylhet on 7 March 2025 respectively. Rainfall, heat wave, temperature, cyclone, fog, agricultural weather forecast and river condition were consistent with the forecast of March 2025.
- After appropriate analysis of weather observations, climate model, SOI (El Nino & La Nino condition) and getting the weather forecast of April-June 2025 from the World Meteorological Organization (WMO) recognized institutes, Global Producing Centers (GPCs), ECMWF, JMA, NOAA, IRI-Columbia University, APEC Climate Centre (APCC), RIMES and C3S etc. the weather forecasts of April-June 2025 are given below:

Division	April 2025		May 2025		June 2025		Soil moisture (up to 50cm) % in April 2025
	Normal rainfall(mm)	Forecast rainfall(mm)	Normal rainfall(mm)	Forecast rainfall(mm)	Normal rainfall(mm)	Forecast rainfall(mm)	
Dhaka	148	130-150	287	275-350	356	340-375	15-25
Mymensingh	164	140-170	422	360-455	432	410-450	15-25
Chattogram	143	120-140	310	295-370	589	530-645	20-30
Sylhet	296	280-320	510	485-610	634	560-620	17-27
Rajshahi	93	75-90	216	185-235	305	290-320	12-22
Rangpur	129	85-105	291	245-315	489	270-410	15-25
Khulna	79	50-70	176	165-210	296	280-310	15-25
Barishal	133	110-140	260	245-310	483	460-510	20-30

- Rainfall is likely to be normal over the country.
- There are likely to form 3-4 Low Pressure System over the Bay of Bengal and one of them may intensify into a Depression / Cyclone.
- Day and night temperature is likely to be above normal over the country.
- There is a possibility of 6-8 days light/moderate thunderstorm with hail and 3-5 days of severe thunderstorm with hail at places over the country.
- 6-8 mild (36.0 - 37.9) °C / moderate (38.0 - 39.9) °C and 3-4 severe (40.0 - 41.9) °C heat waves are likely to sweep over the country.

13.04.25

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