

Ref. no:23.09.2680.172.16.002.25. 1058

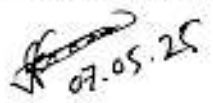
Date: 07 May 2025

**Sub:** Long Range Weather forecast for May - July 2025.

1. The values of Southern Oscillation Index (SOI) in April 2024 - March 2025 were - 6.3, -3.1, -9.5, +7.8, -1.0, -4.2, +6.5, +3.7, +7.7, +13.2 (Bureau of Meteorology, Australia).
2. In April 2025, normal (+4%) rainfall was recorded over the country. A Low- Pressure Area formed over the central part of South Bay and adjoining area at 07<sup>th</sup> April 2025. It moved northwestwards and lay over southwest Bay & adjoining area at 06 AM (8<sup>th</sup> April 2025). It moved further northwestwards and intensified into a Well-Marked low over southwest Bay & adjoining westcentral Bay at 12 Noon on the same day. Further it moved northwards and became a Low-Pressure Area over westcentral Bay & adjoining area at 10 AM (10<sup>th</sup> April 2025), and it moved north-northeastwards and became unimportant. Light to moderately heavy rainfall with lightning, hail and gusty wind was recorded at a few places over the country during 1-2 & 5-29 April 2025 due to the conjugation of westerly and easterly wind flow. The highest rainfall was recorded at Sylhet 115 mm on 28 April 2025. Mild to moderate heat wave swept at many places over the country during 1-14<sup>th</sup> & 22-27<sup>th</sup> April 2025 for the presence of a thermal low-pressure area in West Bengal and adjoining western part of Bangladesh. At this time, the highest maximum temperature was recorded 39.8°C at Jashore (23 April 2025) and the lowest minimum temperature was recorded 16.0°C at Dimla (1<sup>st</sup> & 2<sup>nd</sup> April 2025). Maximum & minimum temperature was above normal by 0.3°C & 0.5°C respectively in this month. Observed rainfall, heat wave, temperature, Norwester, cyclone, and river condition were consistent with the forecast of April 2025.
3. After appropriate analysis of weather observations, Climate Model, SOI (El Nino & La Nino condition) and weather forecast of May-July 2025 from the World Meteorological Organization (WMO) recognized institutes, Global Producing Centers (GPCs), Climate Predictivity Tools (CPT), ECMWF, JMA, NOAA, IRI-Columbia University, APEC Climate Centre (APCC), RIMES and C3S etc, the weather forecasts of May-July 2025 are given below:

Division	May 2025		June 2025		July 2025		Soil moisture (05 to 50cm) % in April 2025
	Normal rainfall(mm)	Forecast rainfall(mm)	Normal rainfall(mm)	Forecast rainfall(mm)	Normal rainfall(mm)	Forecast rainfall(mm)	
Dhaka	287	275-350	356	340-375	368	330-405	20-30
Mymensingh	422	360-455	432	410-450	427	385-470	20-30
Chattogram	310	295-370	589	530-645	720	650-790	20-30
Sylhet	510	485-610	634	560-620	579	520-635	25-35
Rajshahi	216	185-235	305	290-320	362	325-400	15-25
Rangpur	291	245-315	489	270-410	427	385-470	20-30
Khulna	176	165-210	296	280-310	339	305-375	20-30
Barishal	260	245-310	483	460-510	519	465-570	20-30

1. Rainfall is likely to be above normal over the country.
2. 3-4 Low Pressure System are likely to form over the Bay of Bengal and one of them may intensify into a Depression / Cyclone.
3. Southwest monsoon may advance during first half of June 2025 over the country.
4. Day and night temperature is likely to be above normal over the country.
5. There is a possibility of 2-3 days severe thunderstorm with hail and 3-5 days light/moderate thunderstorm with hail at places over the country.
6. 5-7 mild (36.0 - 37.9) °C / moderate (38.0 - 39.9) °C and 1-2 severe (40.0 - 41.9) °C heat waves are likely to sweep over the country.

  
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