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Date: 02 June 2025

Sub: Long range weather forecast for June 2025.

A meeting was held with an expert team for providing Long Range Weather Forecast at 02.30 PM on 02 June 2025 at Storm Warning Centre, Dhaka. In this meeting various data and information of May 2025 were analyzed. Analyzing the data, it was observed that the amount of average rainfall and rainy days over Bangladesh in May 2025 were as follows:

Division	Average normal rainfall(mm)	Average recorded rainfall(mm)	Rainfall Deviation (%)	Average normal rainy days	Average recorded rainy days
Dhaka	259	348	+34.4%	18	18
Mymensingh	361	587	+62.5%	20	20
Chattogram	338	507	+49.9%	17	16
Sylhet	528	1200	+127.3%	24	23
Rajshahi	193	263	+36.5%	16	16
Rangpur	288	452	+56.9%	17	19
Khulna	182	235	+29.5%	15	15
Barishal	239	298	+24.6%	17	20
Bangladesh	298	486	+62.9%	18	18


In May 2025, above normal (+62.9%) rainfall was recorded over the country. Southwest monsoon advanced up to Cox's Bazar coast at 24 May 2025 and onset over Bangladesh at 31 May 2025. A Low Pressure area formed over Northwest Bay and adjoining area at 27 May 2025. The Low over Northwest Bay and adjoining area intensified into a Well-Marked low over the same area at 06 am on 28 May 2025. The Well-Marked Low over Northwest Bay and adjoining area moved northwards and intensified into a Depression over the same area at 06 am on 29 May 2025 and further intensified into a Deep Depression at noon on 29 May 2025. The Deep Depression over Northwest Bay and adjoining area moved further northwards and started crossing West Bengal-Bangladesh coast between Sagar Island and Khepupara at 03pm on 29 May 2025. The Deep Depression completed crossing West Bengal-Bangladesh coast between Sagar Island and Khepupara at 06pm on 29 May 2025 and lay over Satkhira and adjoining area as a Land Deep Depression. The Land Deep Depression over Satkhira and adjoining area moved north/northeastwards, weakened into a Land Depression over Tangail & adjoining area at 09 on 30 May 2025. The Land Depression over Tangail and adjoining area moved North/Northeastwards, weakened into a Well-Marked low over Sherpur & adjoining area at 06 pm on 30 May and moved North/Northeastwards further and weakened gradually by giving precipitation. Moderate to very heavy rainfall with lightning, hail and gusty wind was recorded at many places over the country during 1-6, 8, 5-27 May 2025 due to the conjugation of westerly and easterly wind flow and 29-31 May 2025 due to the Deep Depression. The highest rainfall was recorded at Sylhet 405 mm on 31 May 2025. Mild to severe heat wave swept at many places over the country during 7-17, 20-21 & 25-28 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 42.0°C at Chuadanga (10th May 2025) and the lowest minimum temperature was recorded 19.0°C at Rangamati (12th May 2025). Maximum, minimum and mean temperature was above normal by 0.4°C, 0.5°C and 0.4°C respectively in this month. Observed rainfall, heat wave, temperature, Norwester, cyclone, and river condition were consistent with the forecast of May 2025.

After appropriate analysis of weather observations, weather pattern of upper level, different types of atmospheric weather chart, climate model, SOI (El Nino & La Nino condition) and the weather forecast of 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 June 2025 are given below:

Division	Amount normal rainfall(mm)	Amount of forecast rainfall(mm)	Normal rainfall days	Forecast rainfall days	Soil moisture (up to 50cm) %
Dhaka	356	340-370	18	16-20	30-40
Mymensingh	432	410-450	20	18-22	35-45
Chattogram	589	560-620	20	18-22	30-40
Sylhet	634	520-640	24	22-26	35-45
Rajshahi	305	290-320	15	13-17	25-35
Rangpur	489	370-420	17	15-19	30-40
Khulna	296	280-310	15	14-16	25-35
Barishal	483	460-510	18	16-20	30-40

1. Rainfall is likely to be normal over the country.
2. 1-2 Low Pressure System are likely to form over the Bay of Bengal and one of them may intensify into monsoon Depression.
3. There are possibility of 6-8 days of moderate /severe thunderstorms over the country in this month.
4. 1-2 mild (36-37.9)°C to moderate (38-39.9)°C heat waves are likely to occur at places over the country in this month.
5. Day and night temperature is likely to be above normal over the country.
6. **River conditions:** Due to heavy rainfall, short term flood may occur in some parts of the northern, northeastern and southeastern region of the country.
7. **Agriculture forecast:** The average daily evaporation may be 3.00-5.00 mm and the average daily sunshine hour may be 4.00- 6.00 hour in this month.

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