



Ref.no:23.09.2680.172.43.001.25. **2011**

Date: **০২** August 2026

Sub: Long Range Weather Forecast for August 2026.

A meeting of the Expert Team on Long-Range Weather Forecasting was held at 02:00 PM on 2 August 2026 at the Storm Warning Centre in Dhaka. During the meeting, various data and information for July 2026 were analyzed. Based on this analysis, it was observed that the average rainfall and the number of rainy days across Bangladesh in July 2026 were as follows:

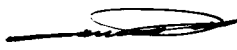
Division	Average normal rainfall(mm)	Average recorded rainfall(mm)	Rainfall Deviation (%)	Average normal rainy days	Average recorded rainy days
Dhaka	371	495	+33.4%	20	25
Mymensingh	437	437	-0.05%	20	27
Chattogram	694	1047	+51.0%	23	26
Sylhet	536	736	+37.3%	26	27
Rajshahi	311	354	+13.6%	18	23
Rangpur	409	472	+15.4%	21	19
Khulna	362	554	+53.0%	20	26
Barishal	535	602	+12.6%	22	28
Bangladesh	457	666	+35.6%	21	25

Above-normal rainfall of 35.6% was recorded over Bangladesh during July 2026. Normal rainfall was recorded in Mymensingh Division, while above-normal rainfall was recorded in all other divisions. During July 2026, three low-pressure areas formed over the Bay of Bengal, two of which intensified into Monsoon Depressions. The first low-pressure area formed on 2 July 2026 over the Northwest Bay and adjoining coastal areas of northern Odisha and West Bengal. On 4 July, it intensified into a Well-Marked Low over the same area and further intensified into a Monsoon Depression on 5 July. The system moved west-northwestwards and crossed the north Odisha coast near Baleshwar at around 6:00 AM on 6 July. Thereafter, it continued to move west-northwestwards, gradually weakened, and eventually became unimportant. The second low-pressure area formed on 15 July 2026 over the Northwest Bay and adjoining coastal areas of northern Odisha and West Bengal. It intensified into a Well-Marked Low over the same area on 16 July. On 17 July, the system weakened into a low-pressure area and became unimportant. The third low-pressure area formed on 25 July 2026 over the Northwest Bay and adjoining Gangetic West Bengal–northern Odisha region. It intensified into a Well-Marked Low and lay over the Northwest Bay and adjoining coastal areas of Odisha and West Bengal. On 26 July, it further intensified into a Monsoon Depression around noon. Subsequently, it intensified into a Deep Depression and lay over the Northwest Bay and adjoining coastal areas of West Bengal and Odisha on 27 July. The system moved west-northwestwards and crossed the West Bengal–Odisha coast at around 6:00 AM on 28 July. Thereafter, it continued to move westwards, gradually weakened, and eventually became unimportant. Due to the active southwest monsoon and the influence of the Well-Marked Lows and Monsoon Depressions, heavy to very heavy rainfall occurred at many places across the country during the month. The rainfall was also accompanied by gusty and squally winds and thunderstorms. The highest daily rainfall of the month was 329 mm, recorded at Ambagan, Chattogram, on 8 July 2026. A mild heatwave affected some areas of the country during 3–4 July 2026. The highest maximum temperature of the month was 37.6°C, recorded at Rangpur on 4 July 2026, while the lowest minimum temperature was 22.0°C, recorded at Sylhet on 22 July 2026. The monthly maximum, minimum, and mean temperatures were normal. Overall, the observed temperature, heatwave conditions, thunderstorm activity, agro-meteorological conditions, and river conditions during July 2026 were generally consistent with the monthly weather outlook.

After thorough analysis of weather observations, upper-level weather patterns, various atmospheric charts, climate models, the SOI (El Niño and La Niña conditions), and weather forecasts from WMO-recognized institutes and Global Producing Centers (GPCs) including ECMWF, JMA, NOAA, IRI–Columbia University, the APEC Climate Centre (APCC), RIMES, and C3S the weather forecasts for August 2026 are presented below:

Division	Amount normal rainfall(mm)	Amount of forecast rainfall(mm)	Normal rainfall days	Forecast rainfall days	Soil moisture (%) of August 2026
Dhaka	301	280-320	18	16-20	40-50
Mymensingh	357	340-380	18	16-20	45-55
Chattogram	505	480-520	22	20-24	40-50
Sylhet	470	450-490	23	21-25	40-50
Rajshahi	251	240-260	18	16-20	30-40
Rangpur	355	350-390	20	18-22	40-50
Khulna	287	260-300	18	16-20	35-45
Barishal	403	380-420	22	20-24	45-55

1. **Rainfall:** Rainfall is likely to be normal all over the country.
2. **Depression:** 1-2 Low Pressure Systems are likely to form over the Bay of Bengal and one of them may intensify into a Monsoon Depression.
3. **Thunderstorm:** Thunderstorms are likely to occur on 5-6 days over the country during this month.
4. **Temperature:** Both day and night temperatures are likely to remain above normal over the country.
5. **Heatwave:** 1-2 mild (36-37.9)°C to (38-39.9)°C moderate heatwaves are likely to occur at isolated places over the country during this month.
6. **River conditions:** The water level of the major rivers of the country may increase overall in the month of August. Due to monsoon heavy rainfall, short-term flooding may occur in the northern, northeastern and southeastern regions of the country.
7. **Agriculture forecast:** The average daily evaporation may be 2.5-4.5 mm and the average daily sunshine hour may be 2.5-4.5 hours this month.


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