



Ref.no:23.09.2680.172.43.001.25. 2446

Date: 01 October 2026

Sub: Long Range Weather Forecast for October 2026.

A meeting of the Expert Team on Long-Range Weather Forecasting was held at 01:45 PM on 01 October 2026 at the Storm Warning Centre in Dhaka. During the meeting, various data and information for September 2026 were analyzed. Based on this analysis, it was observed that the average rainfall and the number of rainy days across Bangladesh in September 2026 were as follows:

Division	Average normal rainfall(mm)	Average recorded rainfall(mm)	Rainfall Deviation (%)	Average normal rainy days	Average recorded rainy days
Dhaka	263	231	-12.2%	18	18
Mymensingh	321	197	-38.5%	18	17
Chattogram	345	286	-17.1%	22	16
Sylhet	371	207	-44.3%	23	18
Rajshahi	267	202	-24.2%	18	16
Rangpur	383	238	-38.0%	20	16
Khulna	277	310	+12.0%	18	19
Barishal	328	323	-1.6%	22	17
Bangladesh	319	262	-17.9%	20	17

Below-normal rainfall was recorded over Bangladesh during September 2026, with an overall rainfall deficit of 17.9%. Rainfall was above normal in Khulna Division, normal in Barishal Division, and below normal in all other divisions. During September 2026, three low-pressure systems formed over the Bay of Bengal, two of which intensified into monsoon depressions. The first low-pressure system formed over Northwest Bay of Bengal and adjoining areas on 10 September 2026. It subsequently moved inland and lay over South Chhattisgarh and adjoining areas on 13 September 2026 and it weakened and became unimportant. The second low-pressure system formed on 17 September 2026 over North Andaman Sea and adjoining areas. It intensified into a Well-marked low-pressure area over Eastcentral Bay of Bengal and adjoining North Andaman Sea on 20 September. On 21 September, it further intensified into a Depression over Westcentral Bay and adjoining Northwest Bay. The system intensified further into a Deep Depression over Northwest and adjoining Westcentral Bay on 23 September. It crossed North Andhra Pradesh-south Odisha coast of India on 26 September. On 27 September, it weakened and lay as a land Depression over Odisha and adjoining areas. The system subsequently weakened further and eventually became unimportant. The third low-pressure system formed over south coastal Myanmar and adjoining areas on 28 September 2026. It subsequently intensified into a Well-marked low-pressure area over North Andaman Sea and adjoining Myanmar coast and then further intensified into a Depression. On 29 September, it intensified into a Deep Depression and crossed North Andaman Sea and adjoining Myanmar coast. It then weakened and lay as a land Depression over Myanmar and adjoining areas of North Bay of Bengal. On 30 September, the system weakened further into a well-marked low-pressure area over northern Myanmar, southeastern Bangladesh, and adjoining areas. It subsequently weakened gradually and became unimportant. Due to the active southwest monsoon and the influence of the well-marked low-pressure systems and monsoon depressions, heavy to very heavy rainfall occurred at places across the country during the month. The rainfall was also accompanied by gusty and squally winds and thunderstorms. The highest daily rainfall of this month recorded 198 mm at Sylhet on 11 September 2026. A mild heatwave affected some areas of the country during 14-19, 21-22, and 28-29 September 2026. The highest maximum temperature of the month recorded 37.6°C at Sylhet on

28 September 2026, while the lowest minimum temperature recorded 21.4°C at Narayanganj on 20 September 2026. The monthly maximum, minimum, and mean temperatures were 1.0°C, 0.3°C, and 0.6°C above normal, respectively. Overall, rainfall, observed temperature, heatwave conditions, thunderstorm activity, agro-meteorological conditions, and river conditions during September 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 October 2026 are presented below:

Division	Amount normal rainfall(mm)	Amount of forecast rainfall(mm)	Normal rainfall days	Forecast rainfall days	Soil moisture (%) of October 2026
Dhaka	160	130-160	15	13-15	30-40
Mymensingh	180	150-180	16	13-16	35-45
Chattogram	216	190-210	14	12-14	30-40
Sylhet	182	150-180	18	15-18	35-45
Rajshahi	134	110-130	15	13-15	25-35
Rangpur	155	120-150	16	13-16	30-40
Khulna	150	110-150	16	13-16	25-35
Barishal	227	210-220	17	14-17	30-40

1. **Rainfall:** Rainfall is likely to be below normal all over the country.
2. **Depression:** 2-3 Low Pressure Systems are likely to form over the Bay of Bengal and one of them may intensify into a Depression/Cyclone.
3. **Monsoon:** The southwest monsoon may withdraw from Bangladesh in the first half of this month.
4. **Thunderstorm:** Thunderstorms are likely to occur on 3-4 days over the country during this month.
5. **Temperature:** Day and night temperatures may gradually decrease second half of this month, but day and night temperatures may remain higher than normal.
6. **River conditions:** Normal flow conditions are likely to prevail in the country's major rivers during October; however, water levels may temporarily rise rapidly in some areas of the northern, north eastern, and south-eastern regions due to heavy rainfall.
7. **Agriculture forecast:** The average daily evaporation may be 2.0-4.0 mm and the average daily sunshine hour may be 4.0-6.0 hours this month.

01.10.2026

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