

Govt. of the People's Republic of Bangladesh
Bangladesh Meteorological Department
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Sub: Long range weather forecast for October-December 2026.

1. The values of Southern Oscillation Index (SOI) in October 2025- September 2026 were +10.9, +12.5, +0.1, +9.9, +11.0, +8.9, -11.2, -14.5, -24.9, -29.1, -14.6 & -21.4 (Bureau of Meteorology, Australia).
2. 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.

3. After appropriate analysis of weather observations, Climate Model, SOI (El Nino & La Nino condition) and weather forecast of October-December 2026 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 October-December 2026 are given below:

Division	October 2026		November 2026		December 2026		Soil moisture (%) of October 2026
	Normal rainfall (mm)	Forecast rainfall (mm)	Normal rainfall (mm)	Forecast rainfall (mm)	Normal rainfall (mm)	Forecast rainfall (mm)	
Dhaka	160	140-180	26	20-30	09	08-10	30-40
Mymensingh	180	160-210	14	10-20	08	07-10	35-45
Chattogram	216	200-240	39	30-50	10	08-12	30-40
Sylhet	182	160-220	25	20-40	13	10-15	35-45
Rajshahi	134	120-140	12	10-20	08	06-10	25-35
Rangpur	155	130-180	6	5-15	05	04-08	30-40
Khulna	150	120-170	29	25-35	07	06-10	25-35
Barishal	227	210-240	44	40-50	06	05-10	30-40

1. **Rainfall:** Rainfall is likely to below normal over the country.
2. **Depression:** 3-4 Low Pressure System are likely to form over the Bay of Bengal and among them 1-2 may intensify into Depression/Cyclone.
3. **Thunderstorm:** Thunderstorms are likely to occur on 4-6 days over the country during this time.
4. **Temperature:** Day and night temperatures may gradually decrease, but it may remain higher than normal.
5. **Fog:** Moderate/dense fog may occur at places over the country and light to moderate fog may occur elsewhere over the country during mid night to morning.
6. **Coldwave:** 1-2 mild (08-10°C) cold wave may sweep over the north, northwestern and central parts of the country in the month of December 2026.

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