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Sub: Long range weather forecast for September-November 2026.

1. The values of Southern Oscillation Index (SOI) in September 2025- August 2026 were +0.2, +10.9, +12.5, +0.1, +9.9, +11.0, +8.9, -11.2, -14.5, -24.9, -29.1 & -14.6 (Bureau of Meteorology, Australia).
2. Normal rainfall (-5.7%) was recorded over Bangladesh during August 2026. Rainfall was recorded above normal at Chattogram and Mymensingh divisions, normal at Sylhet and Barishal divisions, and below normal elsewhere over the divisions. During August 2026, four low-pressure areas formed over the Bay of Bengal, two of which intensified into Monsoon Depressions. The first low-pressure system formed on 12 August 2026 over North Bay of Bengal and adjoining coastal areas of Bangladesh and West Bengal. On 13 August 2026, it intensified into a well-marked low-pressure area over the coastal areas of Bangladesh & West Bengal and adjoining areas. Subsequently, it further intensified into a Depression over the same area. On 14 August 2026, the Depression over the coastal areas of Bangladesh and West Bengal and adjoining area moved west-northwestwards and lay as a Land Depression over Jharkhand and adjoining Gangetic West Bengal. After that, it gradually weakened and became unimportant. The second low-pressure system formed on 17 August 2026 over North Bay of Bengal and adjoining coastal areas of Bangladesh. It intensified into a well-marked low-pressure area over the same region and further intensified into a Depression over the same area. It moved west-northwestwards and gradually became unimportant. The third low-pressure system formed on 23 August 2026 over Northwest Bay of Bengal and adjoining coastal areas. It moved northwestwards and intensified into a well-marked low-pressure area over Gangetic West Bengal and adjoining Jharkhand on 25 August 2026. It gradually weakened and became unimportant. The fourth low-pressure area formed on 29 August 2026 over Northwest Bay of Bengal and adjoining coastal areas of West Bengal and north Odisha. On 31 August 2026, it intensified into a well-marked low over the same region. 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 198mm, recorded at Hatiya on 5th August 2026. A mild heatwave affected some areas of the country during 10-12, 22, & 26-30 August 2026. The highest maximum temperature of the month was 37.0°C, recorded at Rajshahi on 27 August 2026, while the lowest minimum temperature was 22.6°C, recorded at Narayanganj on 7th August 2026. The monthly maximum, minimum, and mean temperatures were above normal by 0.8°C, 0.5°C, and 0.7°C, respectively. Overall, Rainfall, observed temperature, heatwave conditions, thunderstorm activity, agro-meteorological conditions, and river conditions during August 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 September-November 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 September-November 2026 are given below:

Division	September 2026		October 2026		November 2026		Soil moisture (%) of November 2026
	Normal rainfall (mm)	Forecast rainfall (mm)	Normal rainfall (mm)	Forecast rainfall (mm)	Normal rainfall (mm)	Forecast rainfall (mm)	
Dhaka	263	250-280	160	140-180	26	20-30	35-45
Mymensingh	321	310-330	180	160-210	14	10-20	40-50
Chattogram	345	330-360	216	200-240	39	30-50	40-50
Sylhet	371	360-380	182	160-220	25	20-40	40-50
Rajshahi	267	260-280	134	120-140	12	10-20	30-40
Rangpur	383	370-390	155	130-180	6	5-15	35-45
Khulna	277	270-290	150	120-170	29	25-35	30-40
Barishal	328	320-340	227	210-240	44	40-50	40-50

1. **Rainfall:** Rainfall is likely to below normal over the country.
2. **Depression:** 4-6 Low Pressure System are likely to form over the Bay of Bengal and among them 1-2 may intensify into a Depression and one may intensify into a Cyclone.
3. **Thunderstorm:** Thunderstorms are likely to occur on 6–10 days over the country during this time.
4. **Temperature:** Day and night temperature is likely to be above normal over the country.
5. **Heatwave:** 3-5 mild (36-37.9)°C to moderate (38-39.9)°C are likely to occur over the country during this time.


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