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Date: 01 September 2026

Sub: Long Range Weather Forecast for September 2026.

A meeting of the Expert Team on Long-Range Weather Forecasting was held at 02:00 PM on 01 September 2026 at the Storm Warning Centre in Dhaka. During the meeting, various data and information for August 2026 were analyzed. Based on this analysis, it was observed that the average rainfall and the number of rainy days across Bangladesh in August 2026 were as follows:

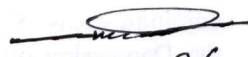
| Division   | Average normal rainfall(mm) | Average recorded rainfall(mm) | Rainfall Deviation (%) | Average normal rainy days | Average recorded rainy days |
|------------|-----------------------------|-------------------------------|------------------------|---------------------------|-----------------------------|
| Dhaka      | 301                         | 243                           | -19.5%                 | 18                        | 22                          |
| Mymensingh | 357                         | 415                           | +16.4%                 | 18                        | 24                          |
| Chattogram | 505                         | 572                           | +13.3%                 | 22                        | 26                          |
| Sylhet     | 470                         | 492                           | +4.6%                  | 23                        | 25                          |
| Rajshahi   | 251                         | 197                           | -21.3%                 | 18                        | 20                          |
| Rangpur    | 355                         | 191                           | -46.1%                 | 20                        | 14                          |
| Khulna     | 287                         | 222                           | -22.7%                 | 18                        | 24                          |
| Barishal   | 407                         | 389                           | -4.3%                  | 22                        | 26                          |
| Bangladesh | 379                         | 358                           | -5.7%                  | 20                        | 23                          |

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 5<sup>th</sup> 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 7<sup>th</sup> 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.

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 September 2026 are presented below:

| Division   | Amount normal rainfall(mm) | Amount of forecast rainfall(mm) | Normal rainfall days | Forecast rainfall days | Soil moisture (%) of September 2026 |
|------------|----------------------------|---------------------------------|----------------------|------------------------|-------------------------------------|
| Dhaka      | 263                        | 260-270                         | 18                   | 16-20                  | 35-45                               |
| Mymensingh | 321                        | 310-330                         | 18                   | 16-20                  | 40-50                               |
| Chattogram | 345                        | 330-360                         | 22                   | 20-24                  | 40-50                               |
| Sylhet     | 371                        | 360-390                         | 23                   | 21-25                  | 40-50                               |
| Rajshahi   | 267                        | 240-270                         | 18                   | 16-20                  | 30-40                               |
| Rangpur    | 383                        | 360-390                         | 20                   | 18-22                  | 35-45                               |
| Khulna     | 277                        | 300-340                         | 18                   | 16-20                  | 30-40                               |
| Barishal   | 328                        | 310-350                         | 22                   | 20-24                  | 40-50                               |

1. **Rainfall:** Rainfall is likely to be below normal all over the country.
2. **Depression:** 1-3 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 3-5 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:** 2-3 mild (36-37.9)°C to (38-39.9)°C moderate heatwaves are likely to occur 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 4.5-6.5 hours this month.

  
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