

10 October 2024

KEY MESSAGES:

- The line of **monsoon withdrawal** has begun to be prominent.
- **Favorable sunny weather is forecasted** across Cox's Bazar District from 10 to 16 October, despite the atmospheric circulation anomaly over the central part of the South Bay of Bengal that may likely result in light and moderate rain around 12 October.
- **Daily accumulated precipitation will be below the 22 mm minimum average**, with the highest rate of 15 mm on 12 October.

Another week of sunny weather is forecasted across Cox's Bazar district because of the slow withdrawal of the monsoon season. However, a likelihood of light to moderate rain showers due to the imminent atmospheric circulation over the central part of the South Bay of Bengal, is expected on 12 October, as seen in the forecasting models of the European Center for Medium-Range Weather Forecasts (ECMWF) and Regional Specialized Meteorological Center-Tropical Cyclones, New Delhi, India.

Despite the forecasted weather anomaly, [the Bangladesh Meteorological Department](#) Cox's Bazar district had daily accumulated rainfall below the minimum threshold of 22mm/day from 10 to 16 October¹ (Figure 1).

Consequently, the daily average rainfall is estimated to be below 10 mm across Cox's Bazar district, with forecasted days of no showers from 13 to 16 October 2024. (Figure 2). Similarly, wind gust is forecasted to be below 40 kilometers per hour.

Figure 1: Forecasted 7 days accumulated rainfall threshold.

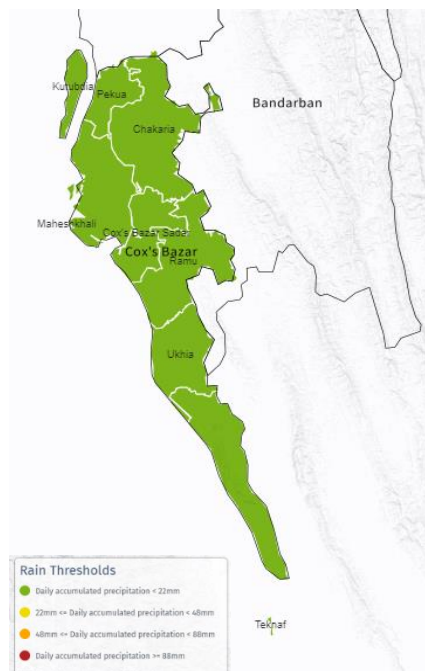
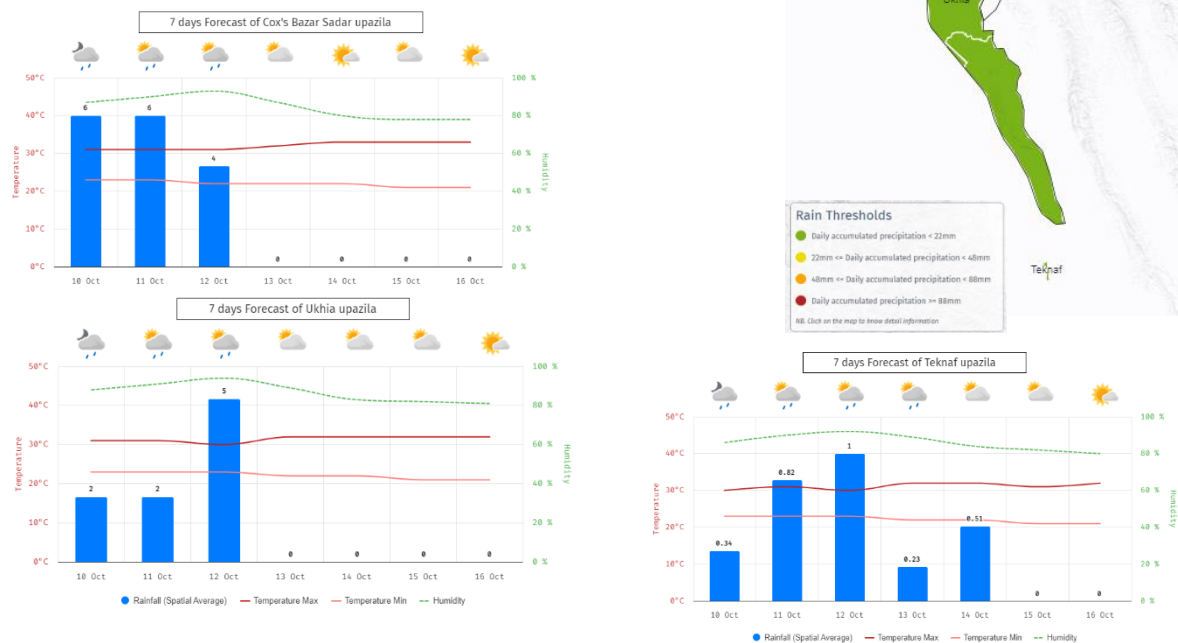


Figure 2: Seven days daily average rainfall forecast.



¹ [BMD Weather Forecast](#)