

31 October 2024

KEY MESSAGES:

- **Weather should remain mainly dry.**
- **No cyclogenesis depression formation** is forecasted for the next 7 days.
- However, a **cyclonic circulation over the Gulf of Myanmar**, though at lower tropospheric levels, may influence Bangladesh's weather pattern.

The Bangladesh Meteorological Department (BMD) has forecasted a week of mainly dry and sunny weather across the country, with some cloudy skies in some areas over the next five days from 31 October 2024¹.

However, currently, there is a cyclonic circulation observed at the Gulf of Myanmar as indicated by the Indian Meteorological Department (IMD) and visible in the European Centre for Medium-Range Weather Forecasts (ECMWF) and Global Forecast System (GFS).

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Despite the forecasted weather anomaly over the neighboring Gulf of Myanmar, across Cox's Bazar, no rainfall is expected for the next five days. There may be a potential shower at the maximum of 7 mm/day on 1 November, especially in the Ukhiya and Teknaf areas. However, accumulated rainfall is forecasted below 5 mm. Meanwhile, as per BMD's INSTANT portal, the estimated daily rainfall in Cox's Bazar district is expected to remain insignificant. Additionally, wind gusts are forecasted to be below 40 km/h, in the lower threshold (*Figure 2*).

Figure 1: Forecasted 7 days accumulated rainfall threshold.

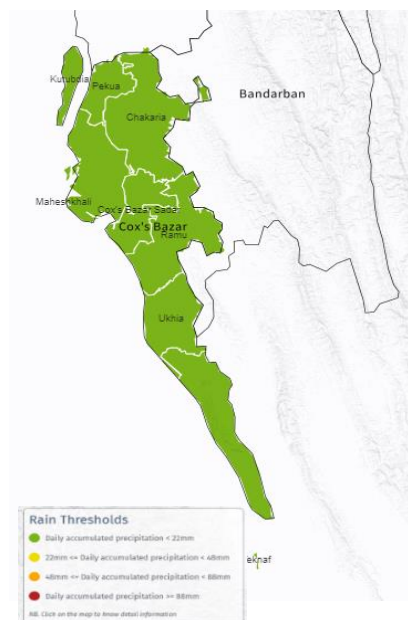
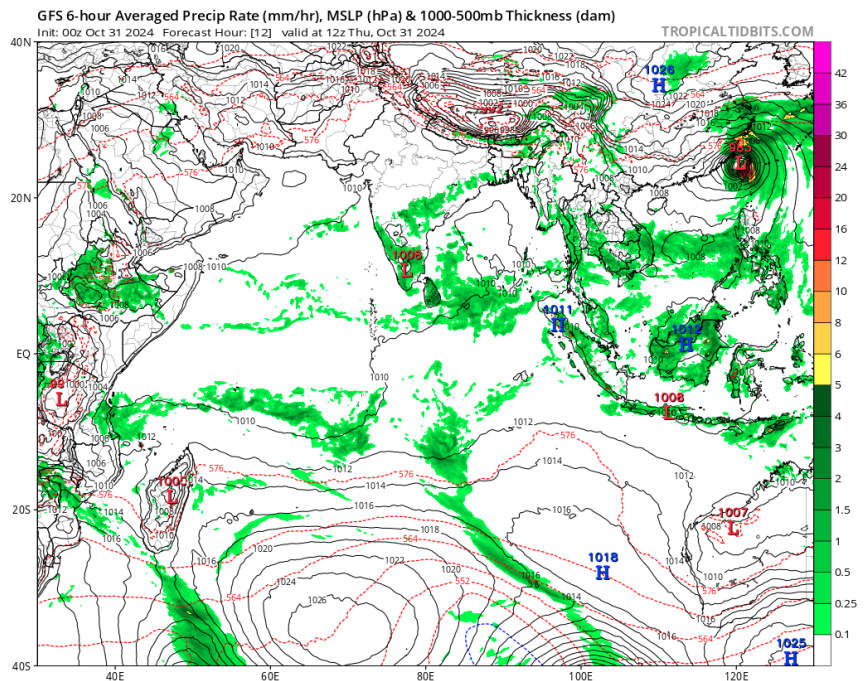


Figure 2: Atmospheric circulation dynamic as of 31 Oct



¹ [BMD Weather Forecast 31.10.24.pdf](#)