

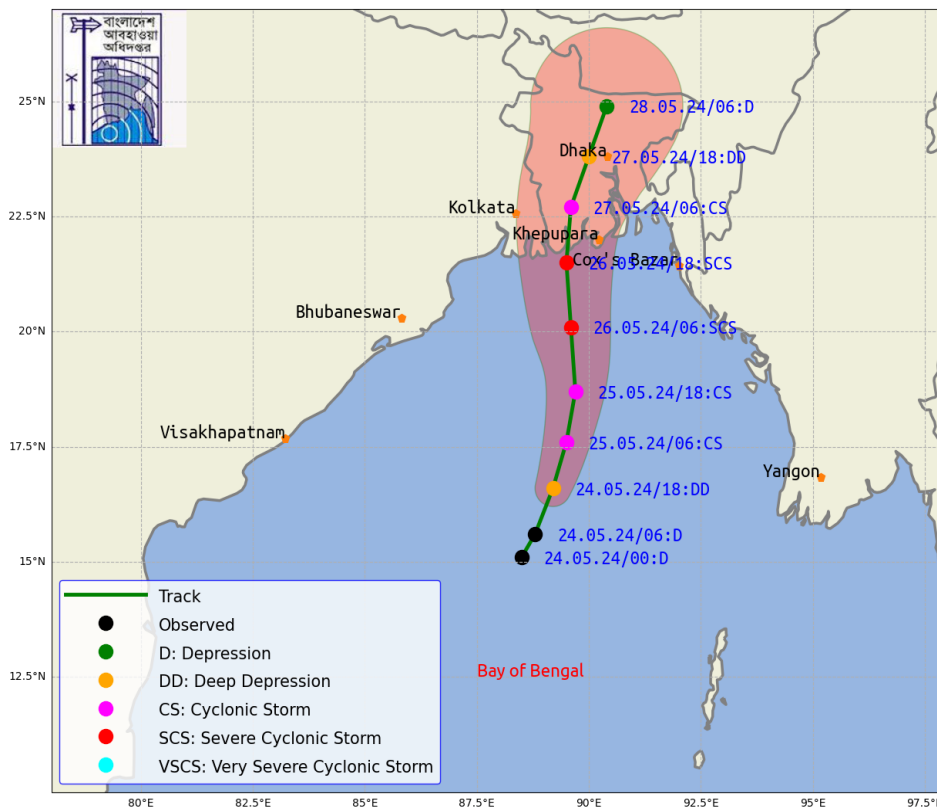
BANGLADESH SEVERE WEATHER SITUATION UPDATE

Published on May 24, 2024 22:00 BST (+06:00 UTC)

Situation Overview (Depression)

- According to the Bangladesh Meteorological Department (BMD) (24 May 2024 19:30 BST), the Depression over East central Bay and adjoining West central Bay moved North-Northeastwards over the same area (Near Lat: 16.1°N & Lon: 89.0°E), and was centred at 06 PM today (24 May 2024) is about 745 kms Southwest of Chattogram Port and 670 kms South of Payra Port. It is likely to intensify and move Northeastwards further.

Observed & forecast track along with Cone of Uncertainty of Depression as on 06 UTC, 24 May 2024

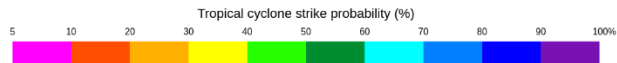
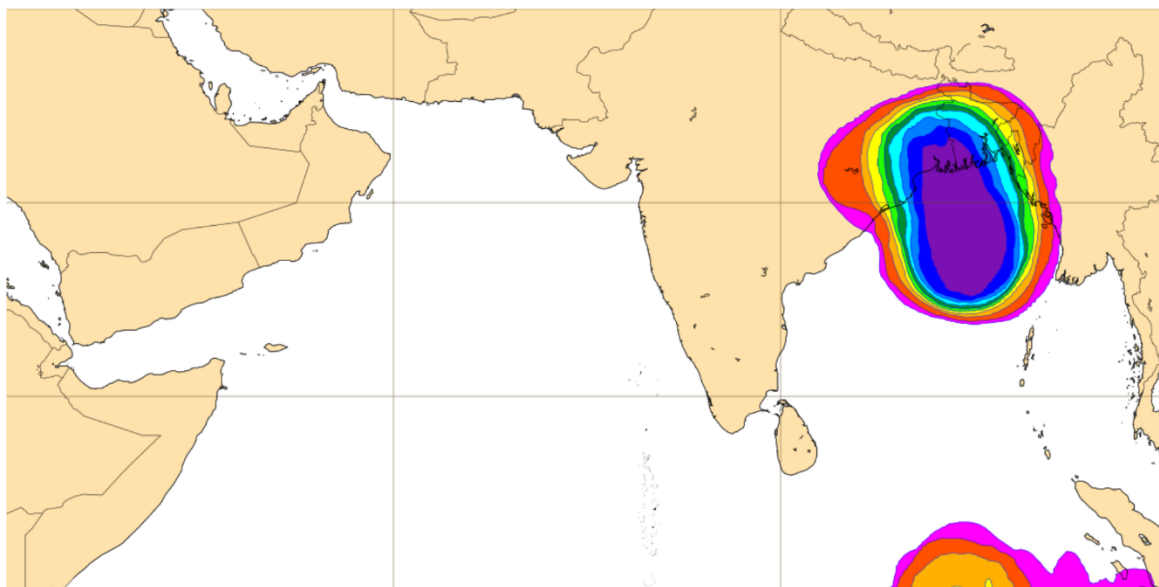


- Maximum sustained wind speed within 44 kms of the Depression Centre is about 40 kph rising to 50 kph in gusts/squalls. Sea will remain moderate near the Depression Centre.
- According to BMD, Maritime ports of Chattogram, Cox's Bazar, Mongla and Payra have been advised to keep hoisted distant cautionary **Signal No. One (R) One**. All fishing boats and trawlers over North Bay and Deep Sea have been advised to remain close to the coast and proceed with caution till further notice. They are also advised not to venture into the deep sea.
- According to the ECMWF's forecast, there is 80-90% likelihood of strike on the West Bengal and adjoining Khulna division of Bangladesh within the next 72 hours. However, the system's intensity in transforming into a cyclone and the landfall location remains uncertain and may change over time.

This update is prepared as a forecast guidance by [Regional Integrated Multi-Hazard Early Warning System \(RIMES\)](#) in collaboration with Bangladesh Meteorological Department. Visit www.bmd.gov.bd for bulletins.

Tropical cyclone activity (Including genesis)

Base time: Fri 24 May 2024 00 UTC Valid time: Mon 27 May 2024 00 UTC (+72h) Area : Northern Indian Ocean Intensity : Tropical cyclones

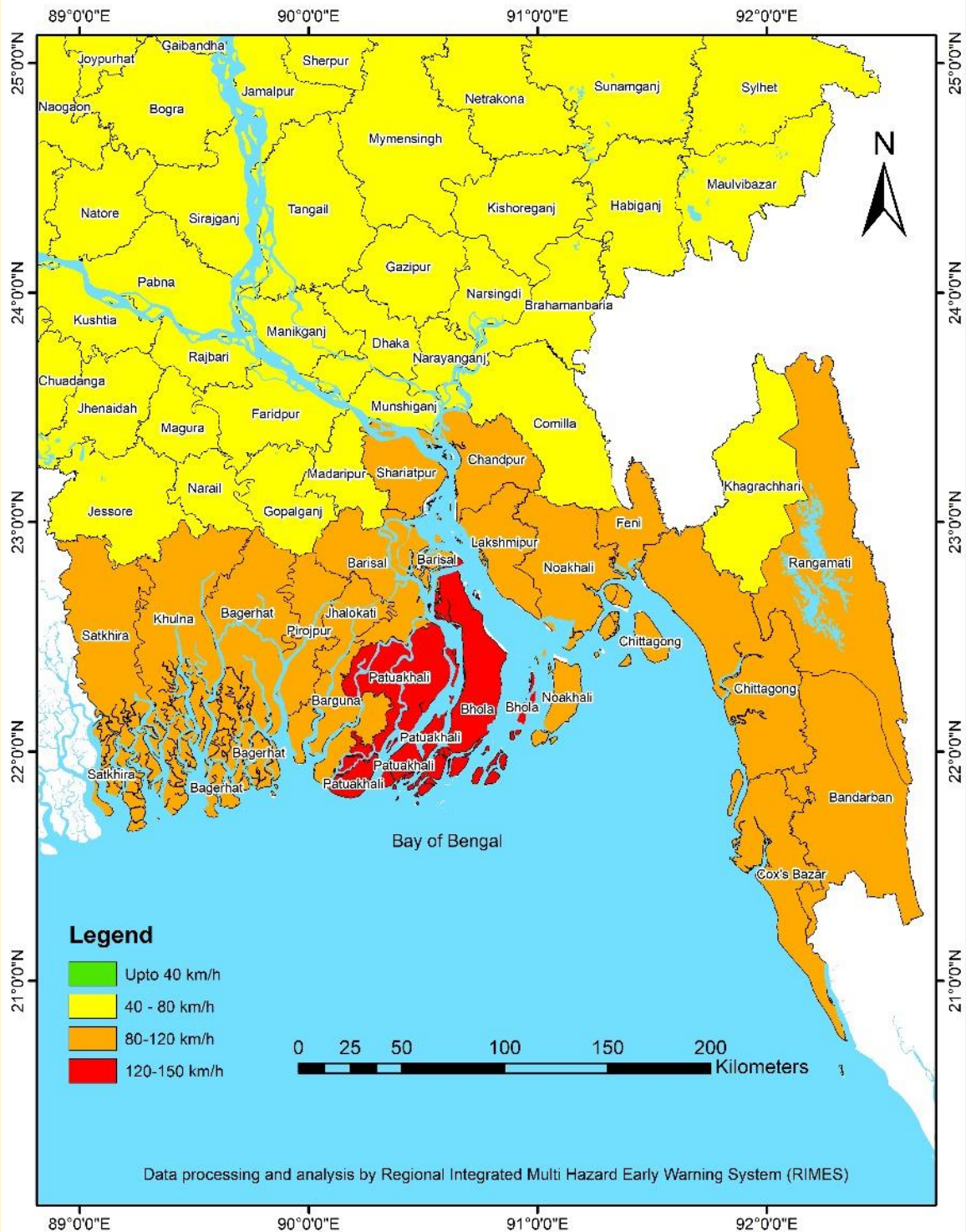


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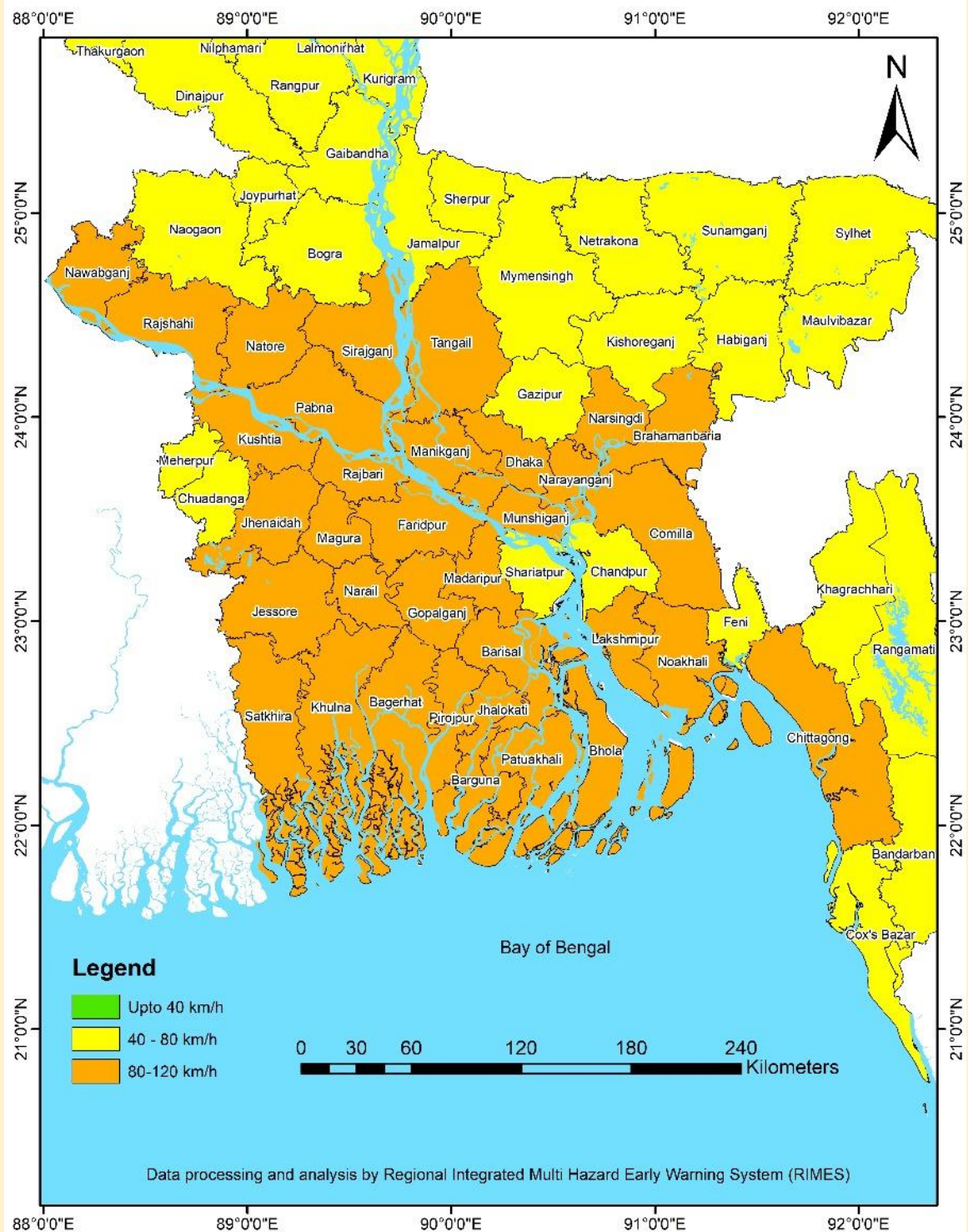
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Wind Gust forecast for 26 May 2024 during the passage of
Depression based on ECMWF forecast of 24 May 2024



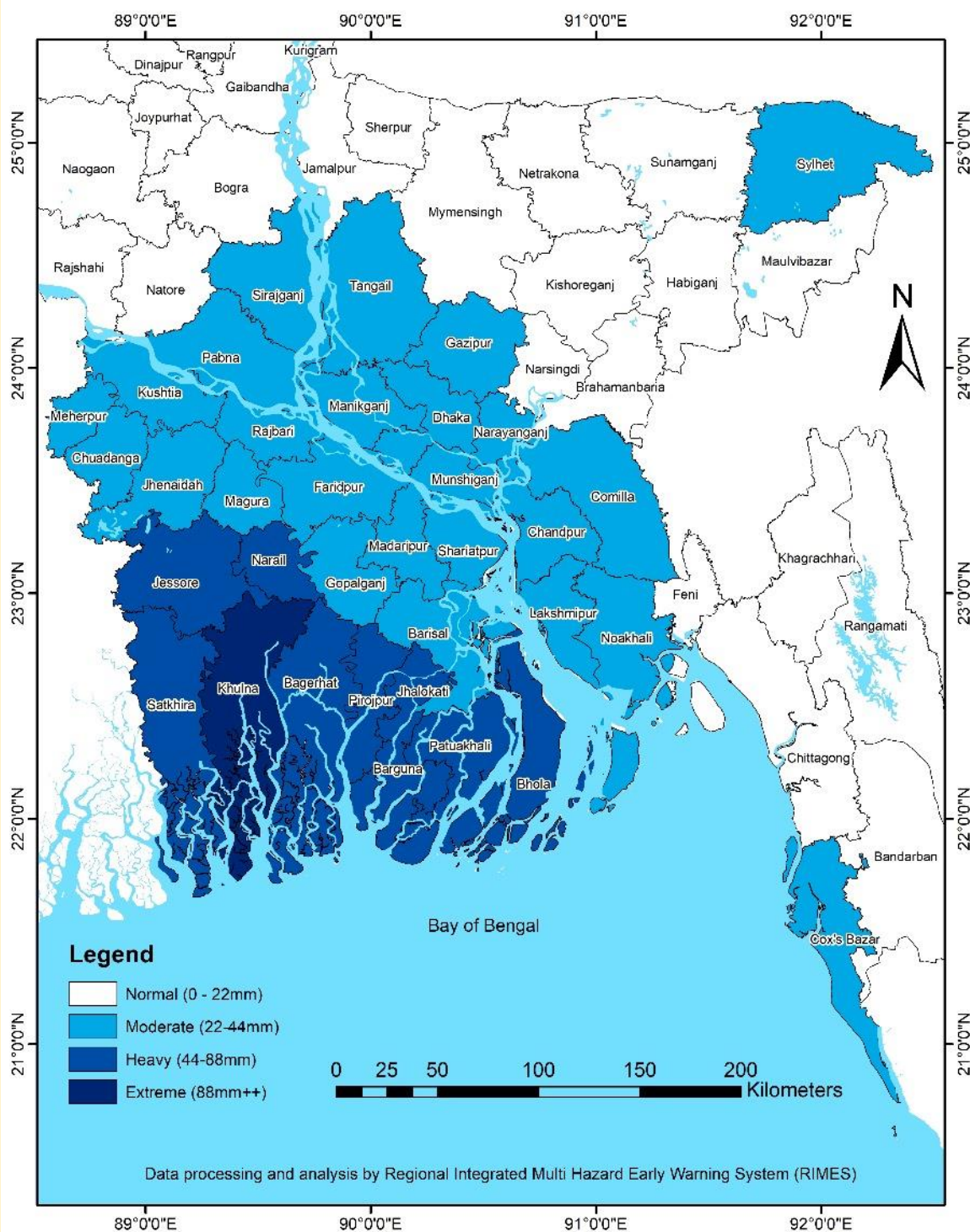
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Wind Gust forecast for 27 May 2024 during the passage of
Depression based on ECMWF forecast of 24 May 2024



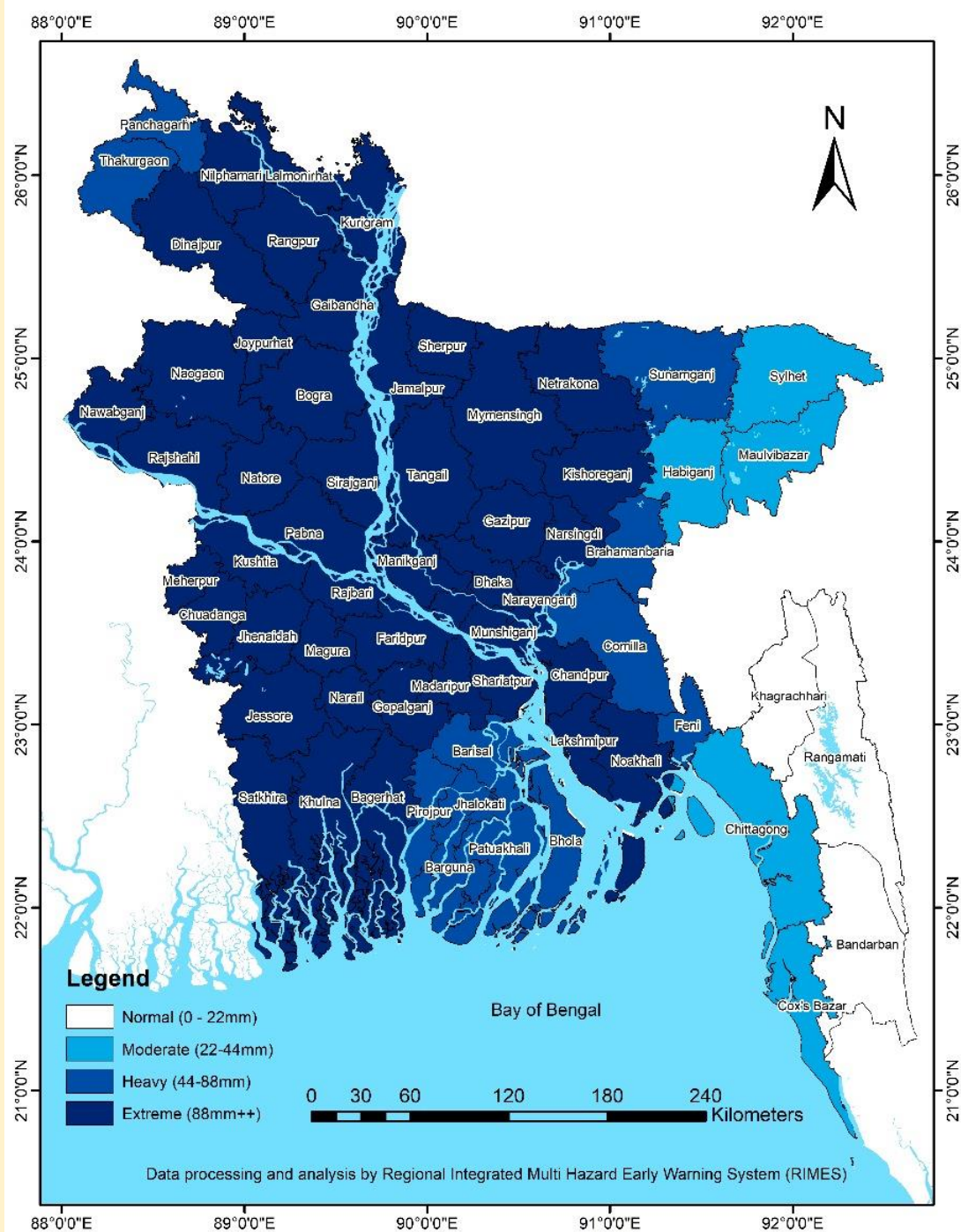
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48 hr Accumulation Rainfall forecast during the passage of Depression based on ECMWF forecast as of 24 May 2024



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72 hr Accumulation Rainfall forecast during the passage of Depression based on ECMWF forecast as of 24 May 2024



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Important Note

This situation update is prepared to help humanitarian workers better interpret severe weather forecasts. The document is intended for specific groups only, NOT for public dissemination. **This is not a Warning Bulletin!** To access the Special Weather Bulletins of BMD, click [here](#).

Data Sources

Bangladesh Meteorological Department (BMD), Regional Specialized Meteorological Center (RSMC), Indian Meteorological Department (IMD), Joint Typhoon Warning Center (JTWC), European Center for Medium-Range Weather Forecast (ECMWF), Joint Research Center – (JRC-EU)