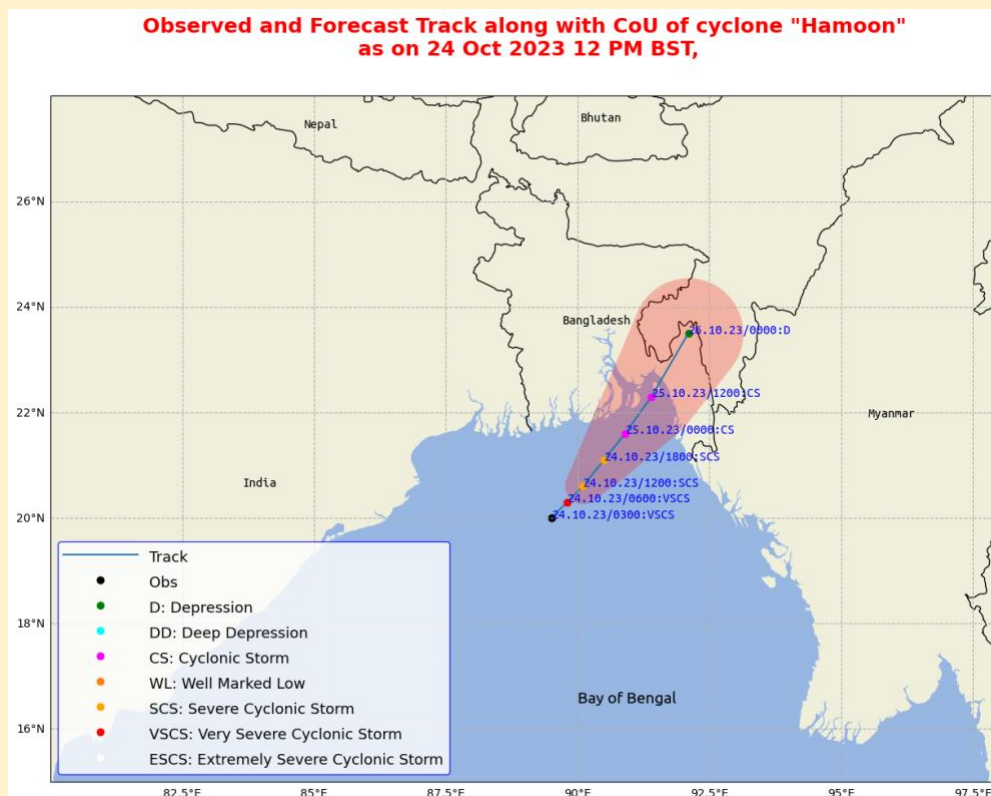


## BANGLADESH SEVERE WEATHER SITUATION UPDATE

Published on October 24<sup>th</sup>, 2023 03:00 PM BST (+06:00 UTC)

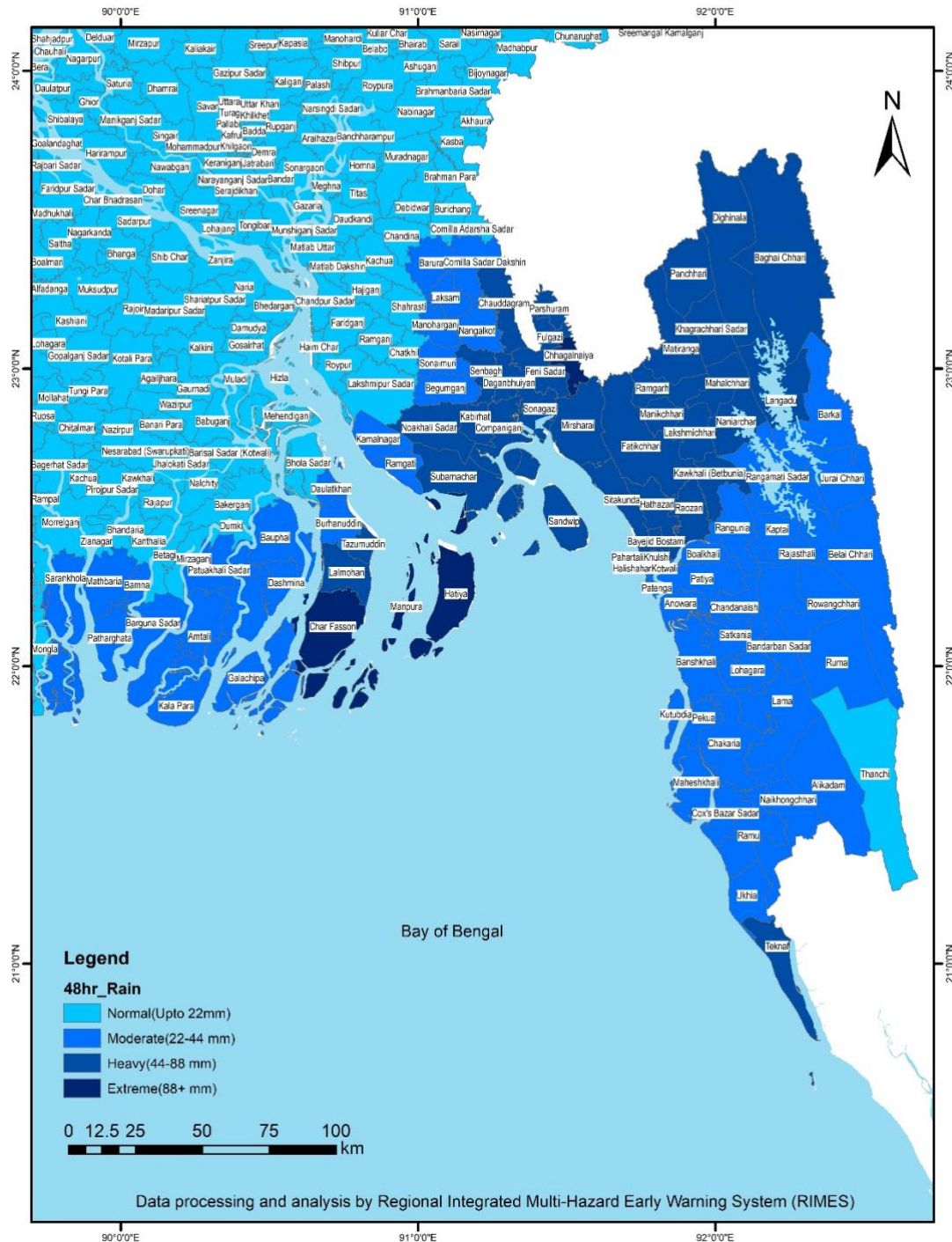
### Situation Overview (Cyclone Hamoon)

- According to Bangladesh Meteorological Department (BMD) (24 October 2023 1200 PM, BST), the Cyclonic Storm “Hamoon” over Northwest Bay and adjoining area moved north-northeastwards, intensified into a severe cyclonic storm. The cyclone now lies over North West Bay and adjoining Northeast region (near lat. 20.2°N, lon. 89.6°E) and was centered at noon today (24 October 2023) about 330 km west-southwest of Chattogram port, 295 km west-southwest of Cox's Bazar port, 250 km southwest of Mongla port, and 215 km southwest of Payra port. It is likely to move north-northeastwards and may cross the Barishal-Chattogram coast near Meghna estuary by late night to morning (25<sup>th</sup> October, 2023). Under the peripheral effect of Severe Cyclonic Storm, heavy(44-88mm) to very heavy (more than 89mm) rainfall with gusty wind may continue during the passage of cyclone over North Bay and coastal areas of Bangladesh.
- Maritime ports of Payra and Chattogram have been advised to keep hoisted **Danger Signal Seven (R) Seven**. Maritime port of Cox's Bazar has been advised to keep hoisted **Danger Signal No. Six (R) Six**. Maritime port of Mongla has been advised to keep hoisted **Danger Signal No. Five (R) Five** instead of hoist **Danger Signal No. Five (R) Five**. Coastal District of Barishal Patuakhali, Bhola, Borguna, Pirozpur, Jhalokathi, CHattogram, Feni, Noakhali, Laxmipur, Chandpur, and other offshore islands and char will remain under danger **Signal No. Seven (R) Seven**.
- Under the peripheral effect of Severe Cyclonic Storm and steep pressure gradient, the low-lying areas of the coastal district of Cox's Bazar, Chattogram, Khulna, Satkhira, Barishal Patuakhali, Bhola, Borguna, Pirozpur, Jhalokathi, Feni, Noakhali, Laxmipur, Chandpur and other islands and chars are likely to be inundated by **wind-driven surge of 3-5 feet** height above normal astronomical tide.



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](http://www.bmd.gov.bd) for bulletins.

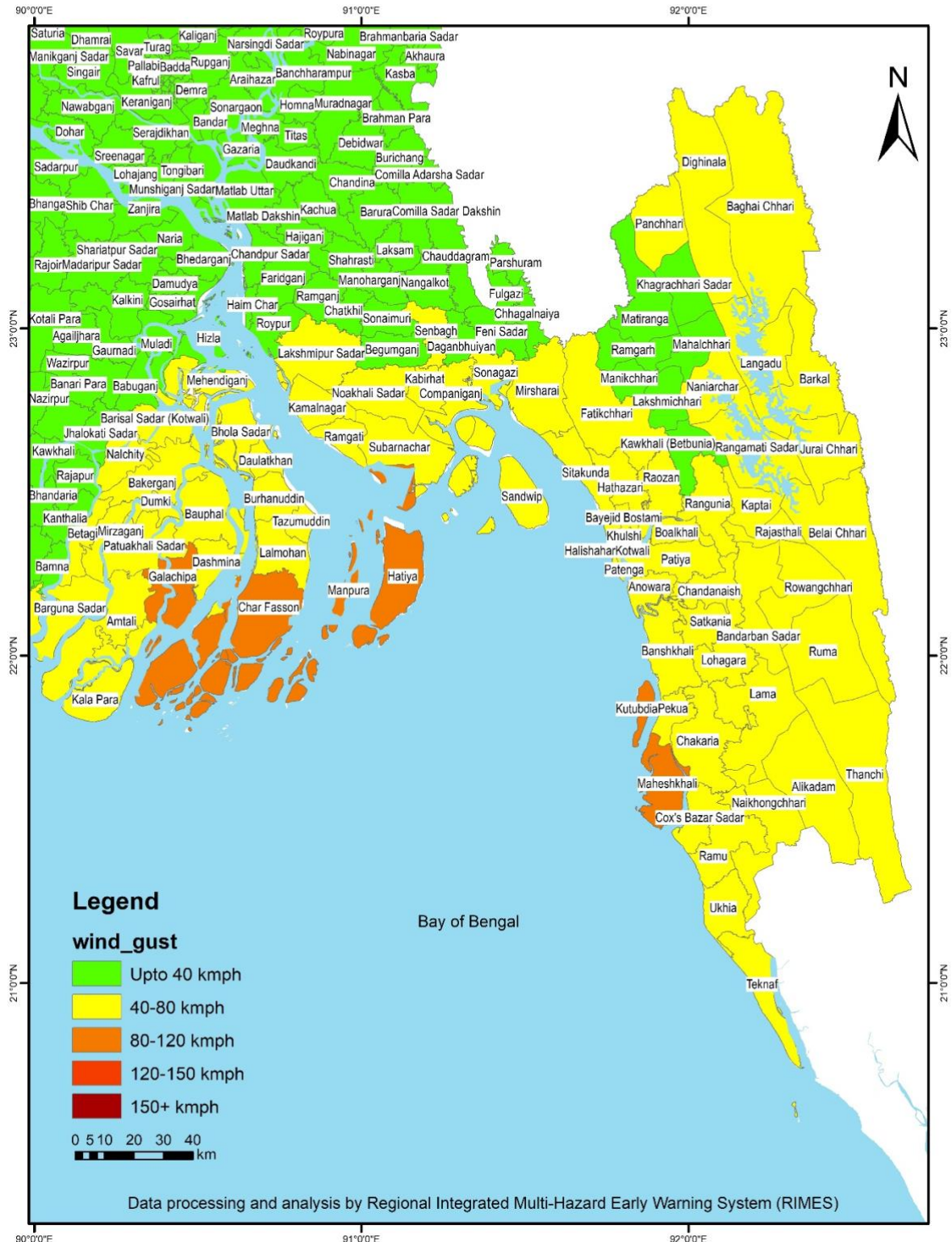
## 48hr Acc Rainfall Forecast due to passage of cyclone Hamoon based on ECMWF data as of 24 October 2023 00 UTC



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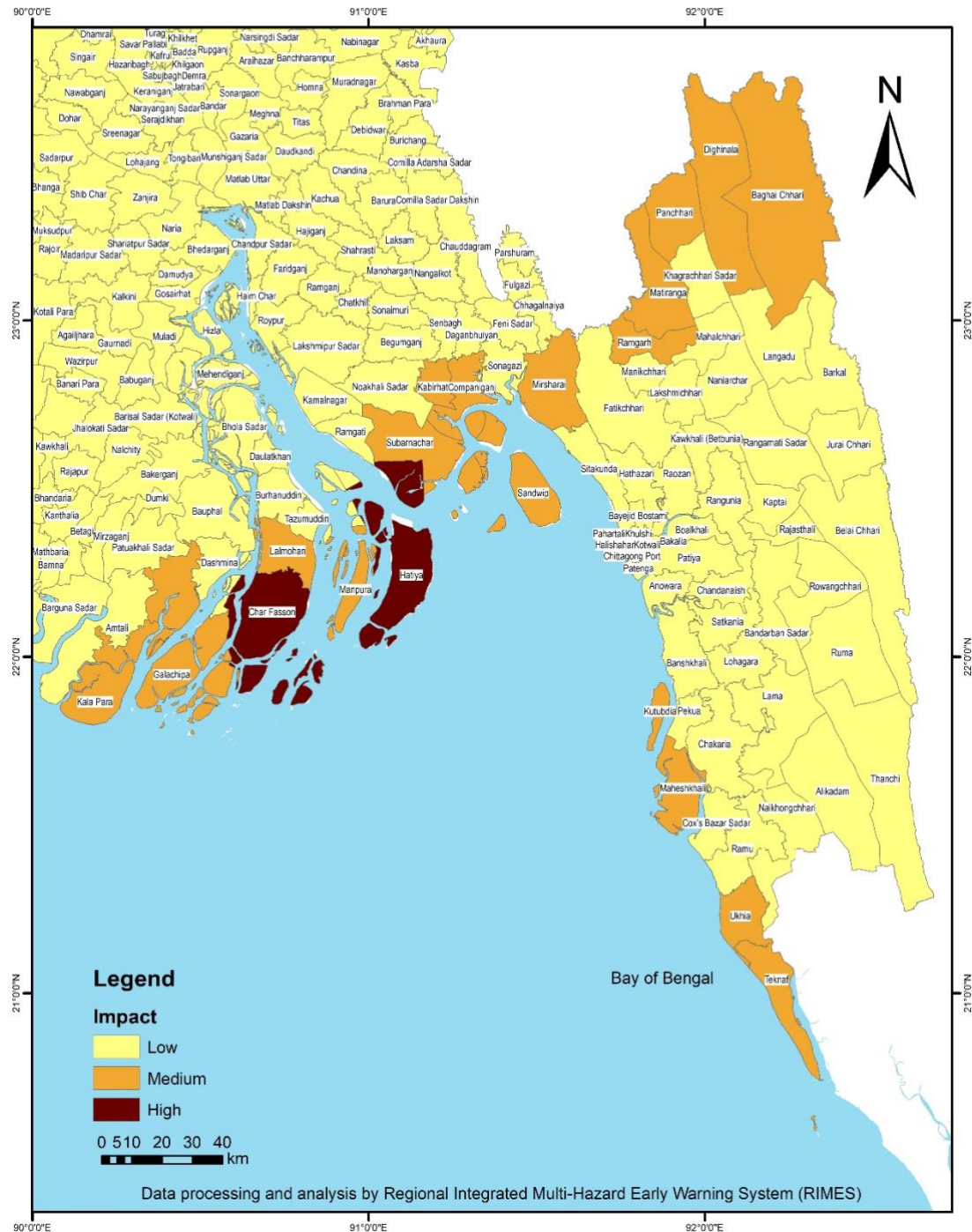


# Wind gust forecast during the passage of cyclone Hamoon based on ECMWF forecast as of 24 October 2023 00 UTC



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# Potential Impact Forecast of Cyclone Hamoon Based on INFORM Index, BMD and ECMWF forecast as of 24 October 2023 3 PM BST



## 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 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)

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