

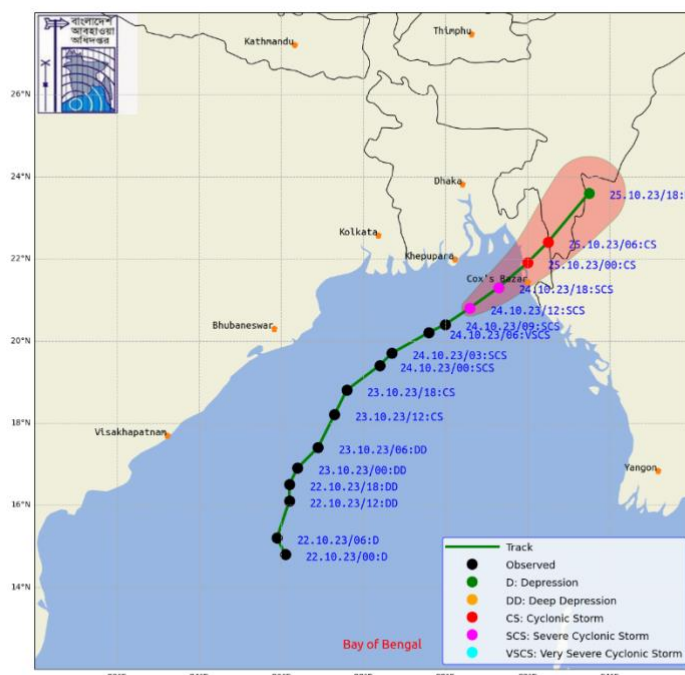
BANGLADESH SEVERE WEATHER SITUATION UPDATE

Published on October 24th, 2023 08:00 PM BST (+06:00 UTC)

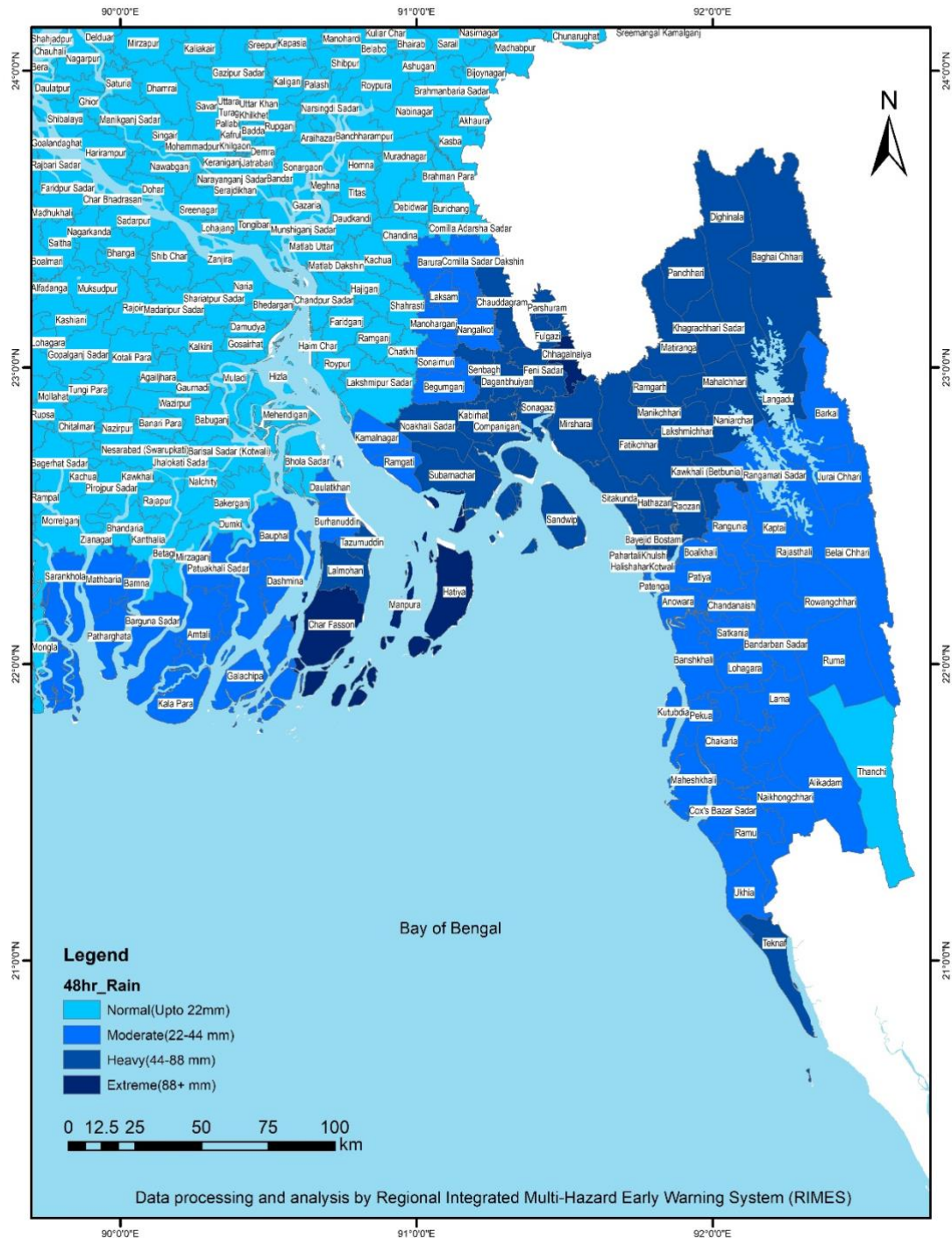
Situation Overview (Cyclone Hamoon)

- According to Bangladesh Meteorological Department (BMD) (24 October 2023 0800 PM, BST), the Cyclonic Storm “Hamoon” over Northwest Bay and the adjoining northeast bay moved east-northeastwards, and weakened into a Severe Cyclonic Storm. The cyclone now lies over the same area (near lat. 20.4°N, lon. 90.0°E) and was centered at 03 pm today (24 October 2023) about 285 km southwest of Chattogram port, 250 km southwest of Cox's Bazar port, 235 km south of Mongla port, and 180 km south of Payra port. It is likely to move east-northeastwards weaken into a Cyclonic Storm and may cross the Chattogram-Cox's Bazar coast by tonight (24th 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. Body of the system may start crossing the coast by 06 pm to 09 pm (24 October, 2023).
- Maritime port of Chattogram has been advised to keep hoisted **Danger Signal Seven (R) Seven**. The maritime port of Cox's Bazar has been advised to lower Danger Signal no Six but instead hoist **Danger Signal No. Seven (R) Seven**. The maritime port of Payra has been advised to lower danger Signal No. Seven but instead hoist **Danger Signal No. Five (R) Five**. The maritime port of Mongla has been advised to keep hoisted **Danger Signal No. Five (R) Five**. Coastal District of Chattogram, Cox's Bazar, Feni, Noakhali, Laxmipur, Chandpur, and their offshore islands and char will come 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.

Observed & forecast track along with Cone of Uncertainty of Severe Cyclonic storm "Hamoon" as on 24 Oct 2023, 09 UTC

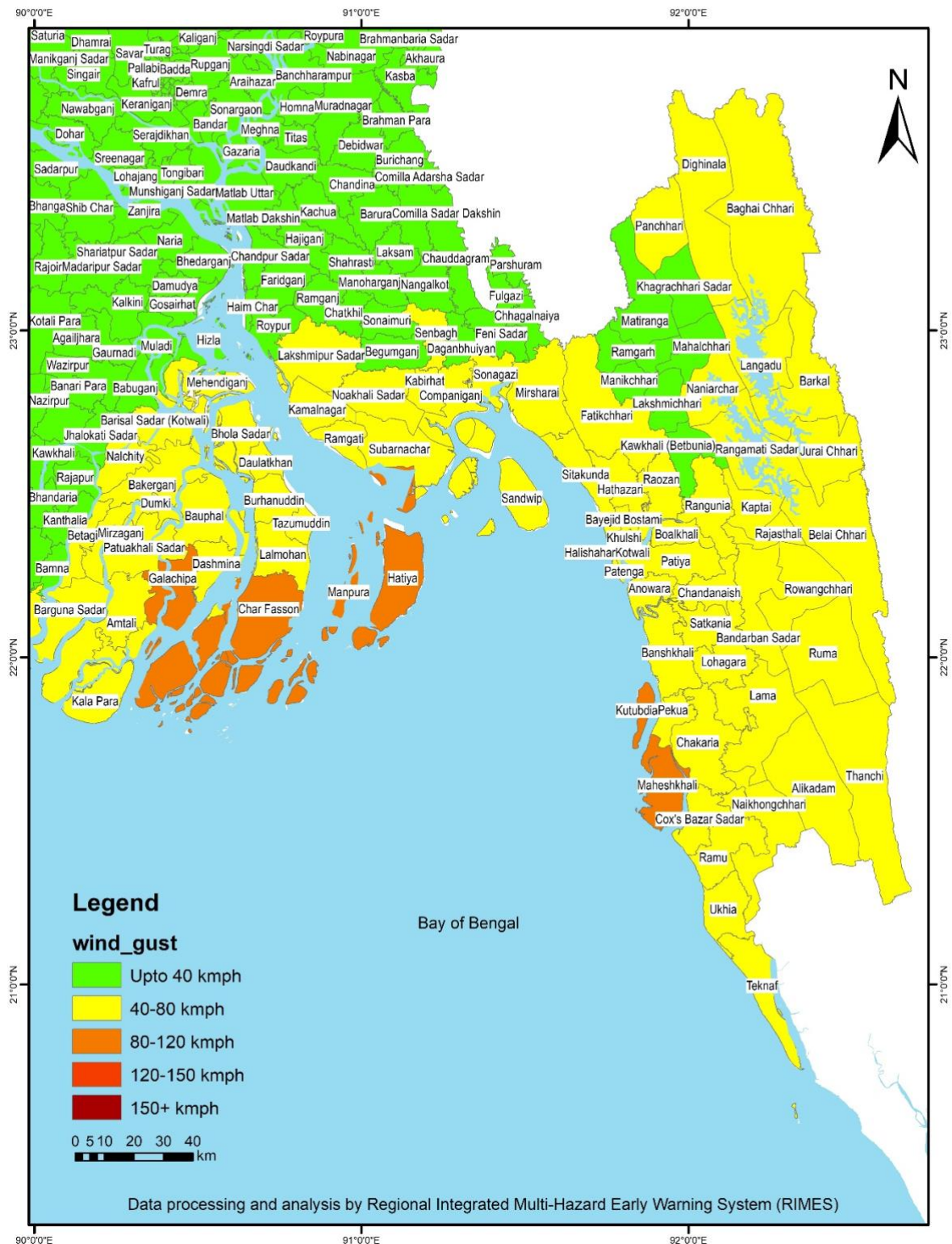


48hr Acc Rainfall Forecast due to passage of cyclone Hamoon based on ECMWF data as of 24 October 2023 00 UTC



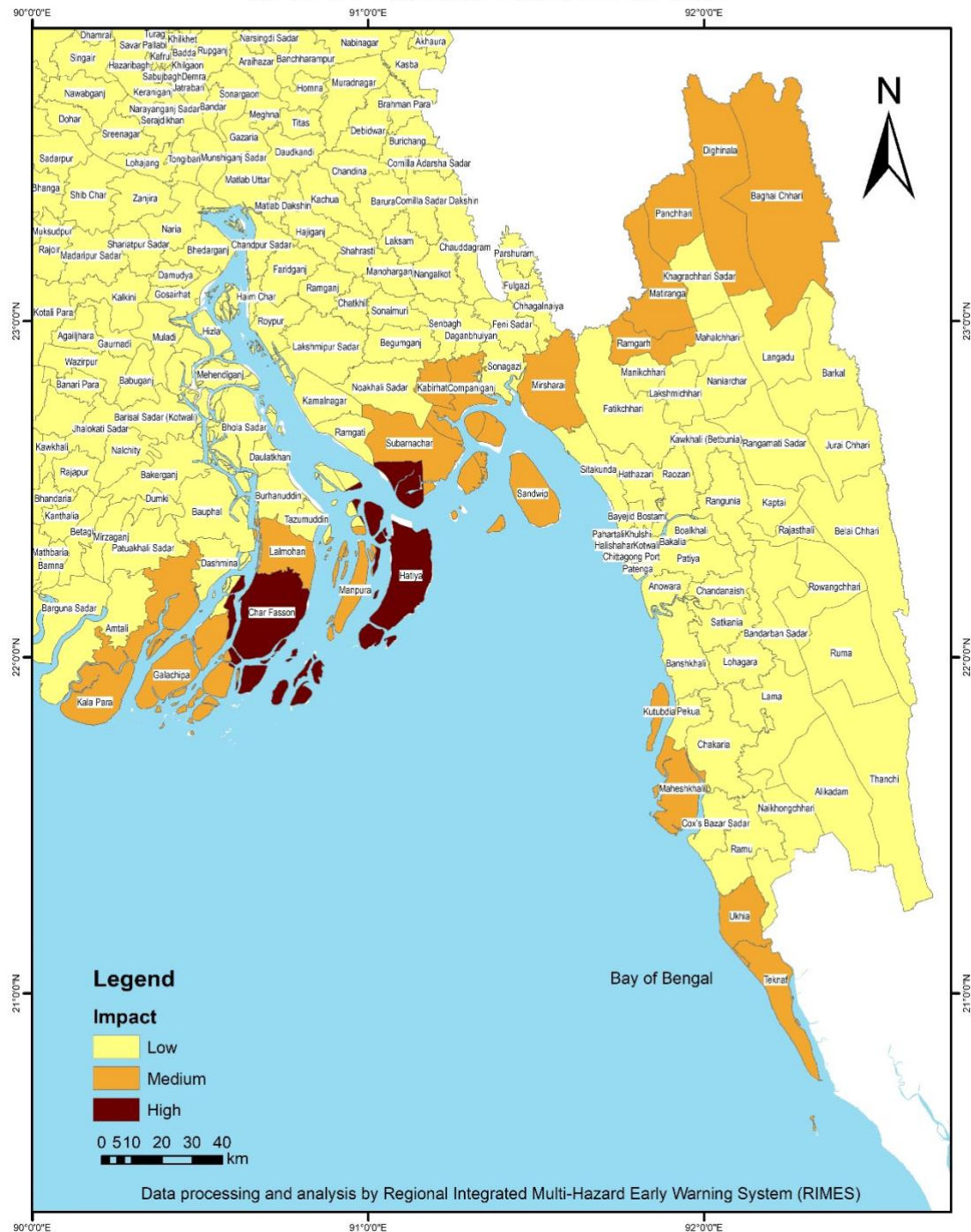
This update is prepared as a forecast guidance by [Regional Integrated Multi-Hazard Early Warning System \(RIMES\)](#) in collaboration with Bangladesh Meteorological Department. Visit www.bmd.gov.bd for bulletins.

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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