

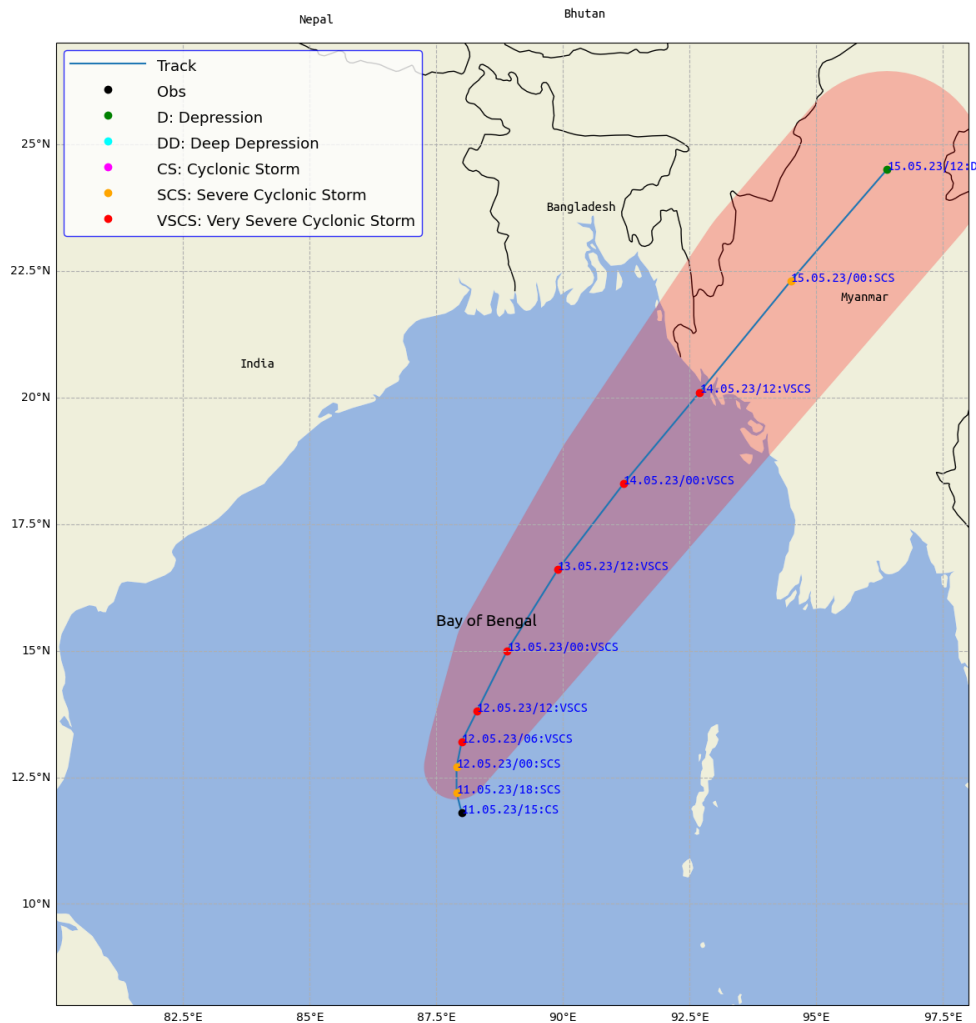
## BANGLADESH SEVERE WEATHER SITUATION UPDATE

Published on May 11, 2023 19:00 BST (+06:00 UTC)

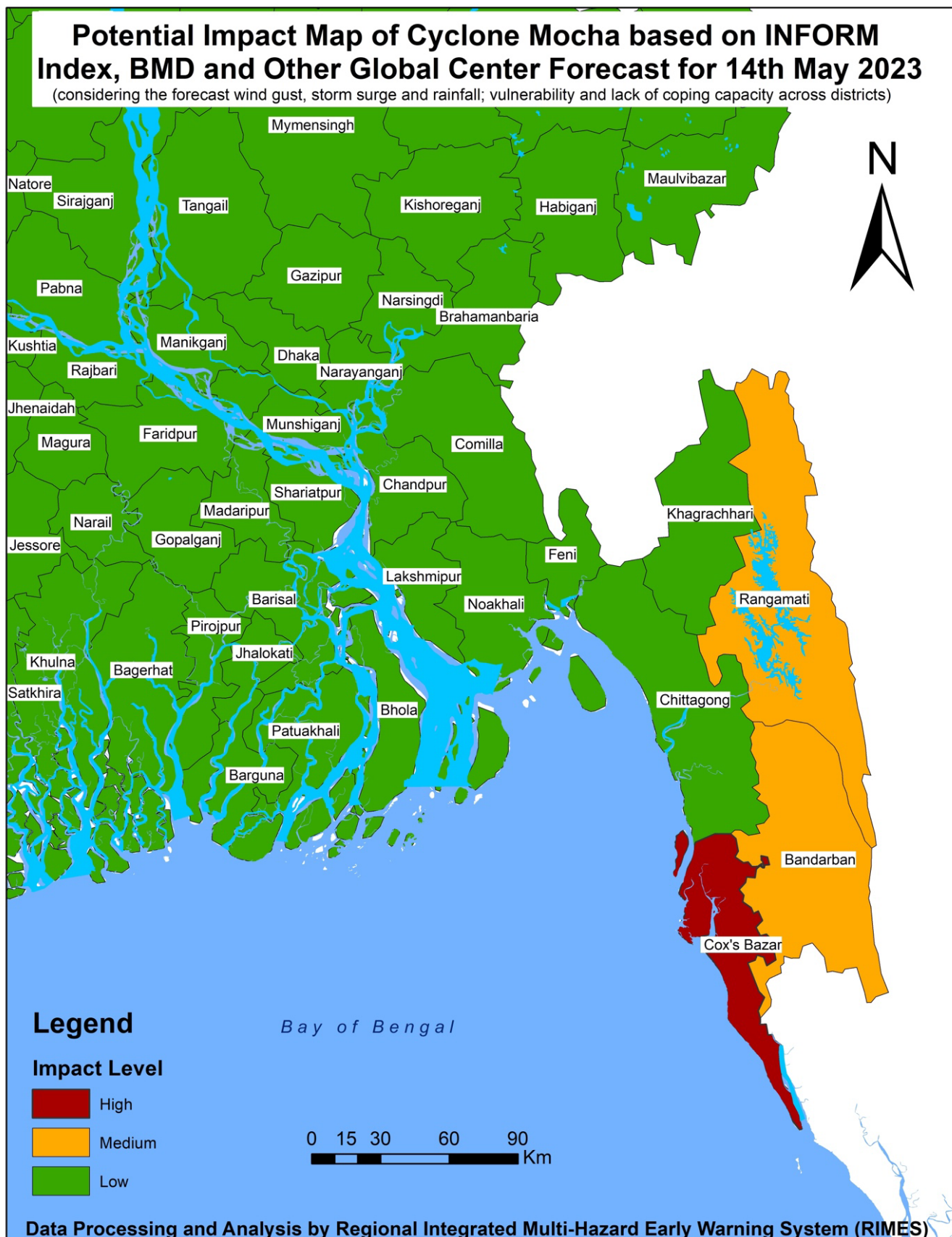
### Situation Overview (Cyclone Mocha)

- According to Bangladesh Meteorological Department, the cyclonic storm “Mocha” over south-east Bay of Bengal and adjoining area moved further north-northwestwards over the same area and was centered at 12 noon today (11 May 2023) about 1180 km south-southwest of Cox’s Bazar. Maximum sustained surface winds are estimated at 84 km/h, according to JTWC. Maritime ports of Chattogram, Cox’s Bazar, Mongla, and Payra have been advised to hoist distant **Cautionary Signal No. Two**. All fishing boats over north bay and deep sea have been advised to remain close to the coast and advised not to venture into the deep sea.
- “Mocha” is very likely to move nearly northwards and gradually intensify into a severe cyclonic storm around evening of today, the 11th May and further into a very severe cyclonic storm by 12th May morning over central Bay of Bengal. Thereafter, it is likely to recurve gradually and move north-northeastwards with further intensification. It is likely to cross southeast Bangladesh and north Myanmar coasts between Cox’s Bazar (Bangladesh) and Kyaukpyu (Myanmar), close to Sittwe (Myanmar) on 14th May, 2023 as a very severe cyclonic storm with maximum sustained wind speed of 150-160 km/h gusting to 175 km/h.

Observed & forecast track along with CoU of cyclone "Mocha"  
as on 11 May 2022, 06 PM BST



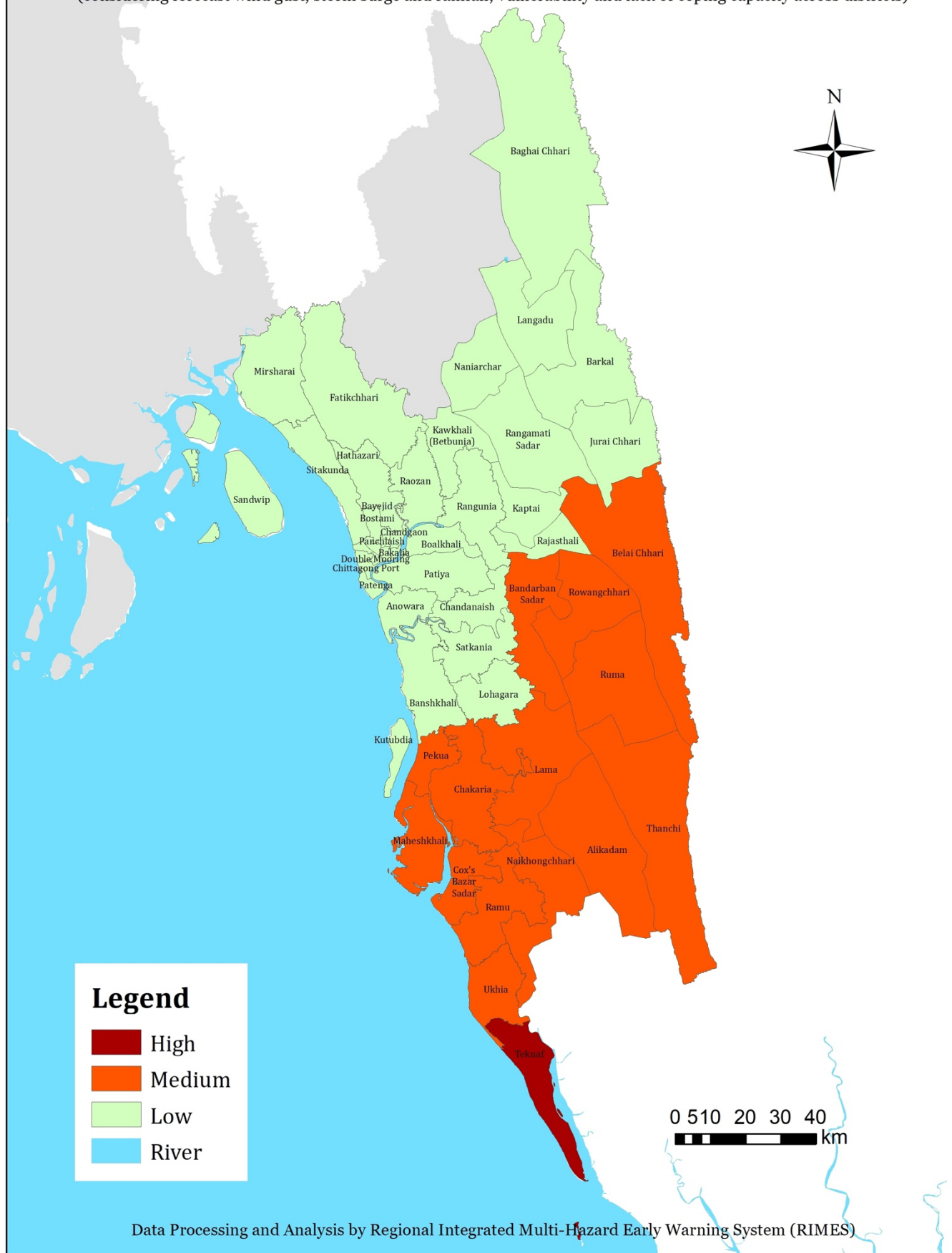
This update is prepared as a forecast guidance by [Regional Integrated Multi-Hazard Early Warning System \(RIMES\)](#) in collaboration with Bangladesh Meteorological Department. Visit [www.bmd.gov.bd](http://www.bmd.gov.bd) for bulletins.



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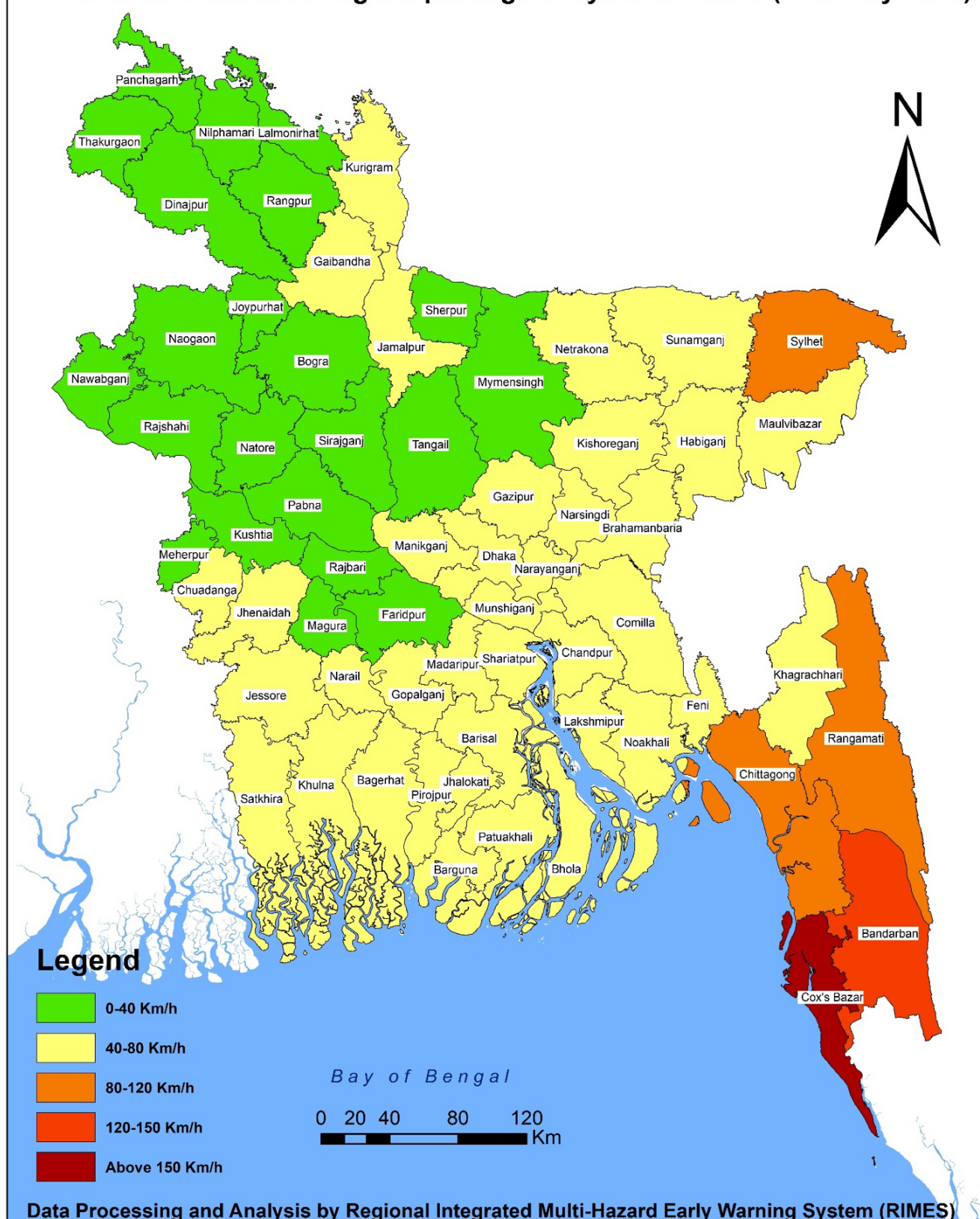
# Potential Impact Map of Cyclone Mocha based on INFORM Index, BMD and Other Global Center Forecast

(considering forecast wind gust, storm surge and rainfall; vulnerability and lack of coping capacity across districts)

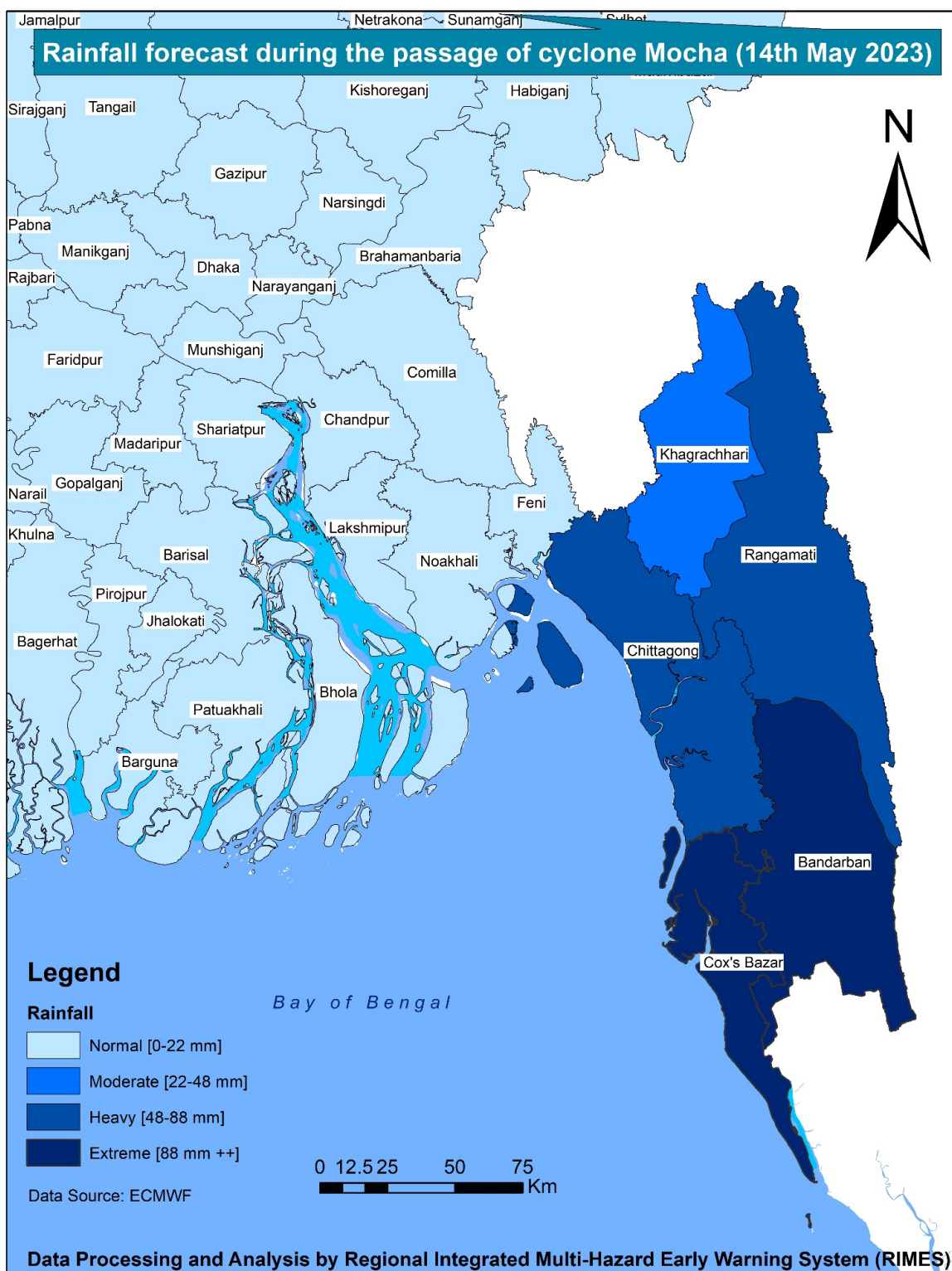




## Wind Gust forecast during the passage of cyclone Mocha (14th May 2023)



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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 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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