

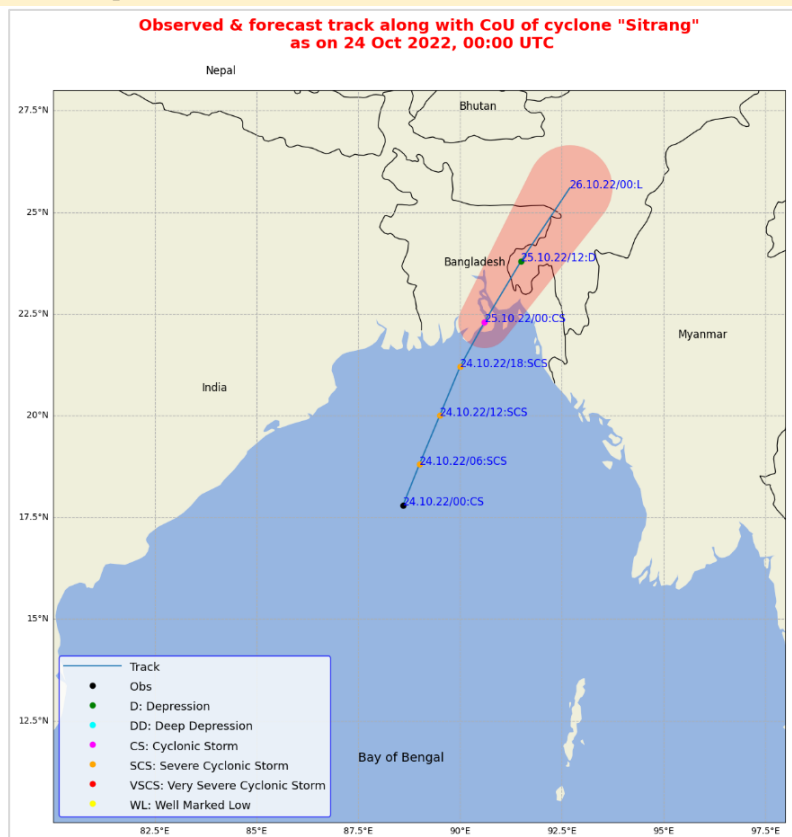
BANGLADESH SEVERE WEATHER SITUATION UPDATE

Published on Oct 24, 2022 14:00 BdST (+06:00 UTC)

Situation Overview (Probable Cyclone Sitrang)

According to Bangladesh Meteorological Department, the Cyclonic Storm ‘Sitrang’ pronounced as “Si-Trang” over east central Bay of Bengal and adjoining westcentral bay moved north-northwestwards over east central Bay of Bengal and adjoining westcentral bay and north bay (Near Lat: 17.8N, Long: 88.8E) with a maximum sustained wind speed of 62 Km/h (rising up to 88 Km/h) within 54 km of cyclone center. It is about 525 km away from south-southwest of Mongla port and about 535 km away from southwest of Cox-Bazar port. North Bay and adjoining coastal areas of Bangladesh is likely to experience wind gust/squall ranging from 50 – 60 Km/hr in addition to the heavy (44-88 mm) to very heavy (88 + mm) rainfall. Maritime ports of Mongla and Payra have been advised to keep hoisted local cautionary [signal number Seven \(7\)](#). Maritime ports of Chattogram and Cox's Bazar have been advised to keep hoisted local cautionary [signal number Six \(6\)](#). Chattogram and Cox's Bazar and their offshore islands and chars will be under danger [signal number Six \(6\)](#). All river Ports are advised to hoist riverine danger [signal number Three \(3\)](#). All fishing boats and trawlers over north bay and deep sea have been advised to come close to the coast and proceed with caution. They are also advised not to venture into the deep sea.

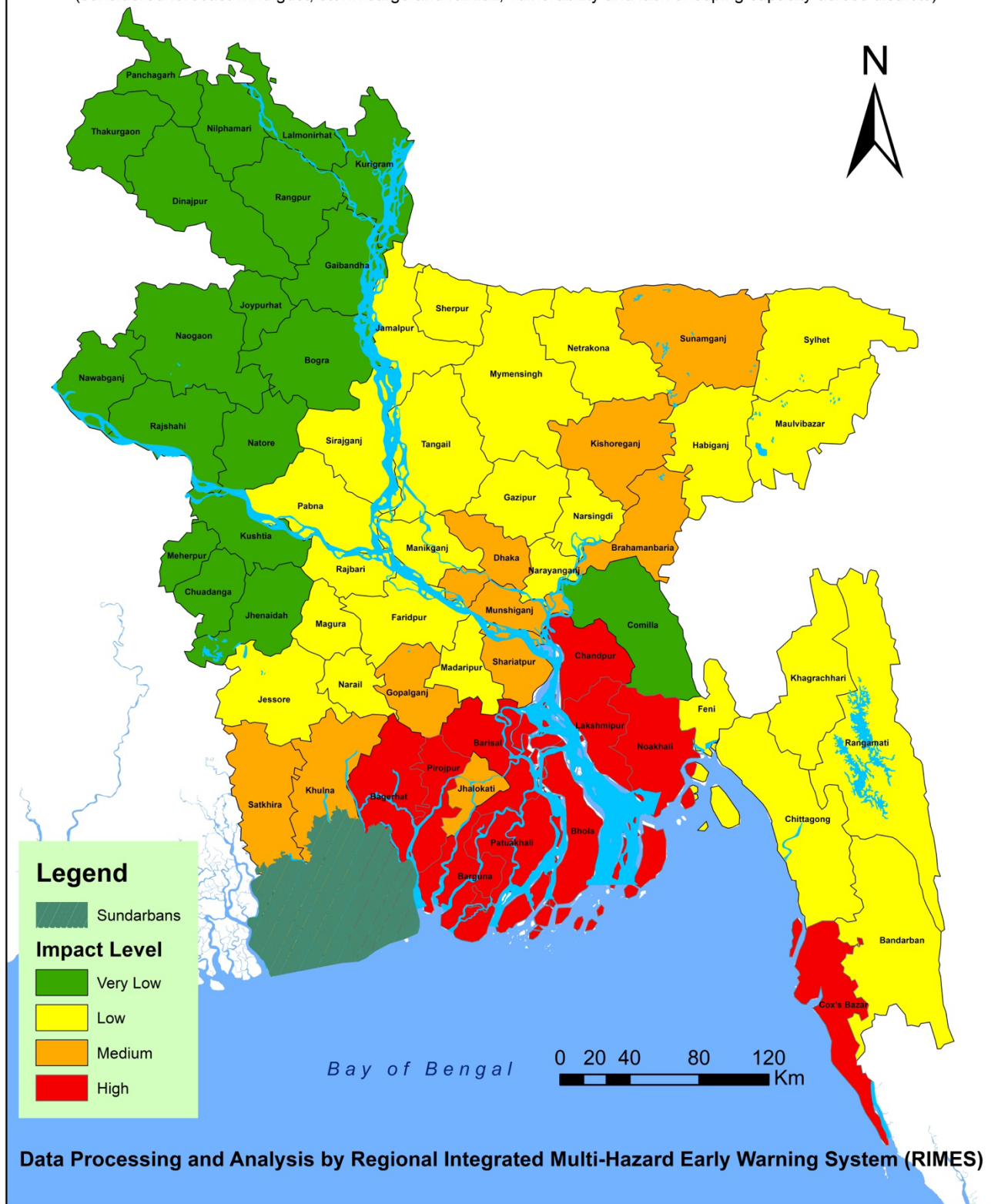
The cyclonic storm “SITRANG” is very likely to continue to move north-northeastwards and intensify further into a severe cyclonic storm during next 12 hours. Continuing to move north-northeastwards thereafter, it is very likely to cross Bangladesh coast between Tinkona Island and Sandwip close to Barisal around 25th October early morning. Low lying areas of coastal districts: Satkhira, Khulna, Bagerhat, Pirojpur, Jhalokathi, Barguna, Patuakhali, Bhola, Barisal, Laxmipur, Chandpur, Noakhali, Feni, Chattogram, Cox’s Bazar and their offshore islands are expected to be inundated by a storm surge of 5 – 8 feet above astronomical tide. Special Weather Bulletins of BMD can be found [here](#).



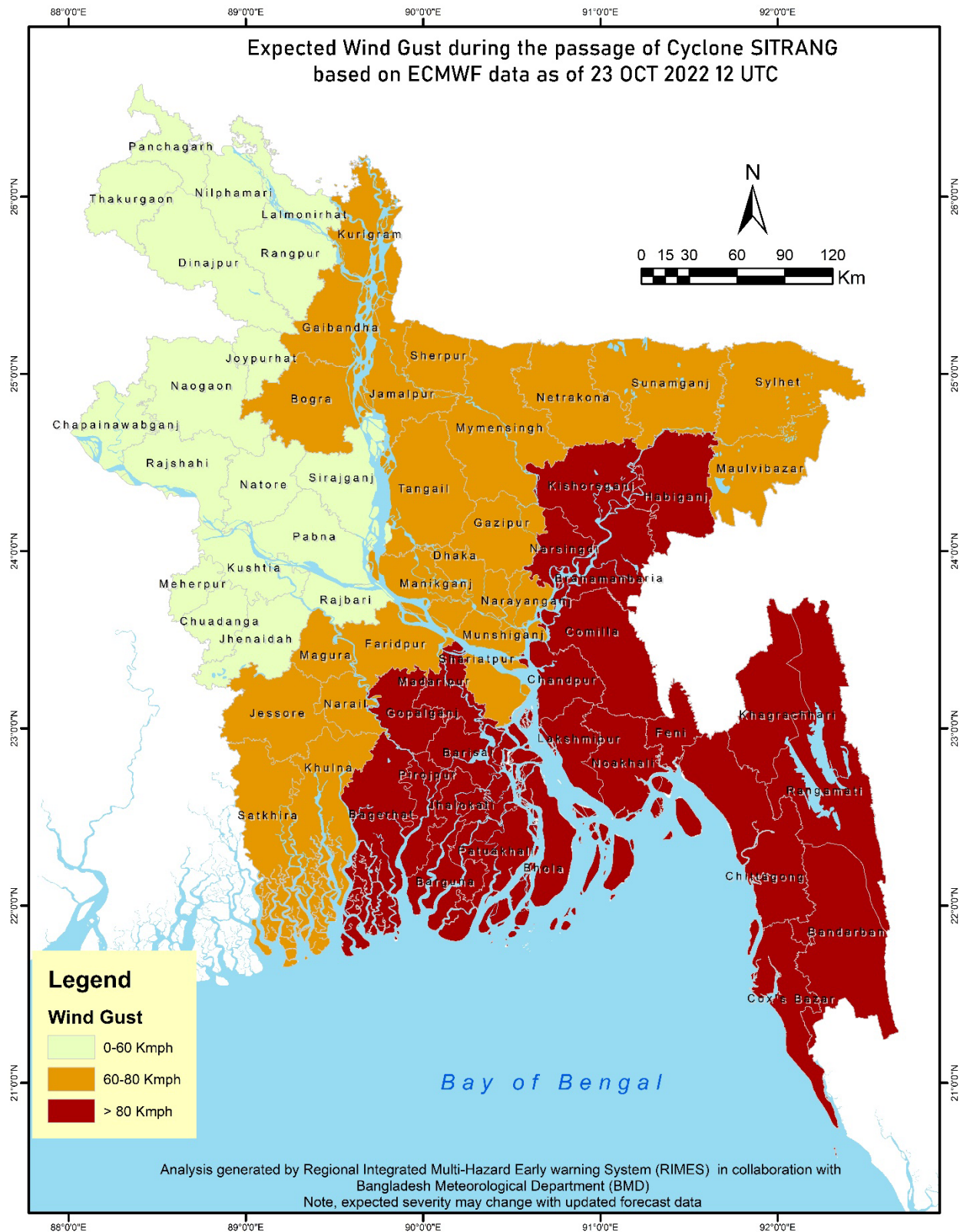
This update is prepared as a forecast guidance by [Regional Integrated Multi-Hazard Early Warning System \(RIMES\)](#) in collaboration with Bangladesh Meteorological Department. Visit www.bmd.gov.bd for bulletins.

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

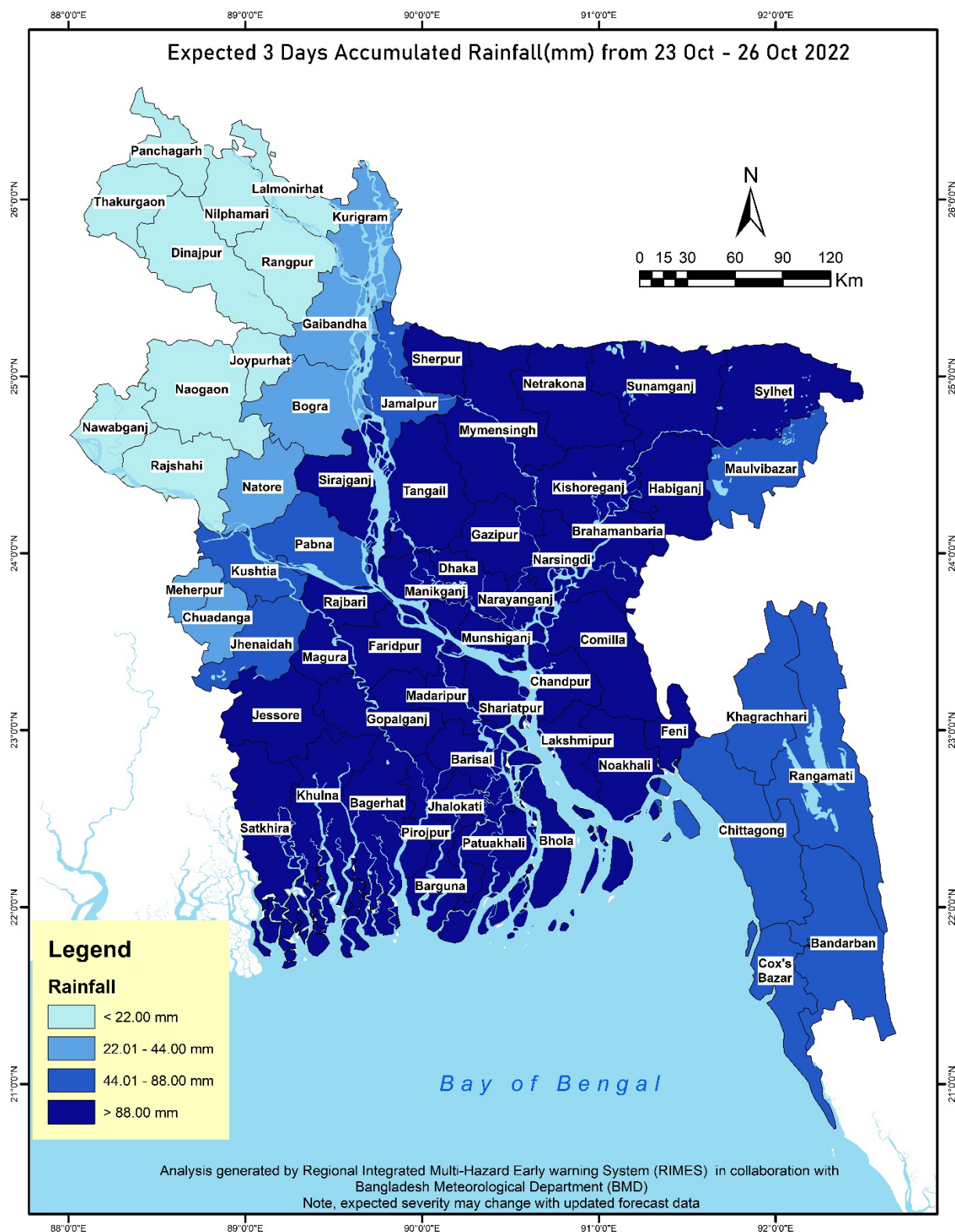
(considered forecast wind gust, storm surge and rainfall; vulnerability and lack of coping capacity across districts)



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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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