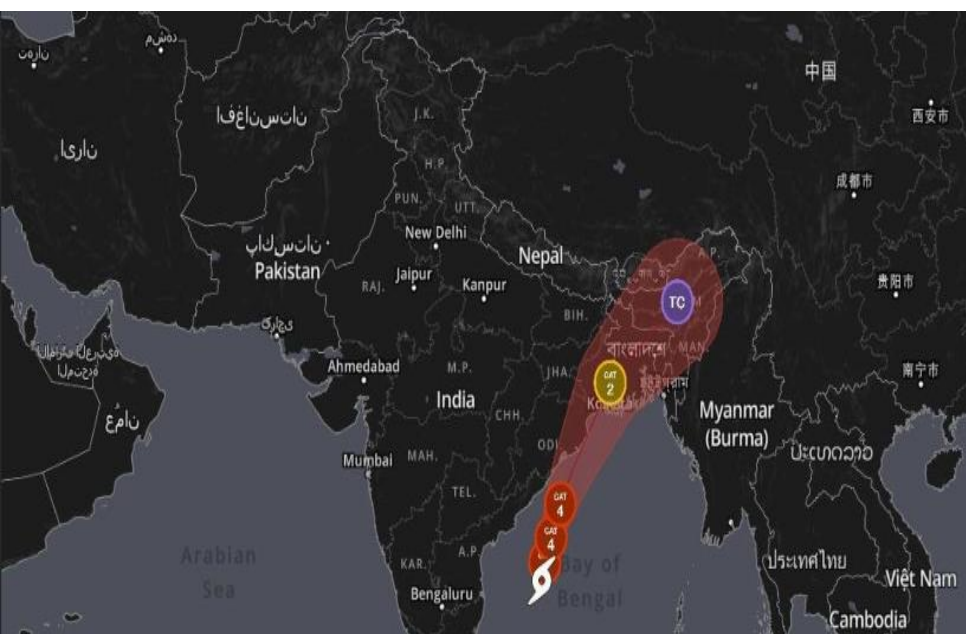


# DISASTER SITUATION ANALYSIS REPORT

## TROPICAL CYCLONE MOCHA- BANGLADESH ON HIGH RISK

*Date- 13<sup>th</sup> May 2023*

**Community Initiative Society -(CIS)**



## SITUATION CONTEXT

Cyclone MOCHA has grown from being very severe to an extremely severe storm over the East Central Bay of Bengal. According to the Meteorological Department, a weather system is expected to move towards the north-northeast and strengthen further over the East central Bay of Bengal.

It is predicted to cross the southeast coast of Bangladesh and the north coast of Myanmar between Cox's Bazar (Bangladesh) by May 14, as a highly intense cyclonic storm.

## POPULATION EXPOSED

ESTIMATED POPULATION EXPOSED

**2.01 MILLION**

ESTIMATED HOUSEHOLDS EXPOSED

**457,667**

ESTIMATED VULNERABLE POPULATION EXPOSED

**503,430**



**25%**

124,851  
CHILDREN  
AGE 0-14

**69%**

345,856  
ADULTS  
AGE 15-64

**7%**

32,723  
ELDERLY  
AGE 65+

ESTIMATED HOSPITALS EXPOSED

**8**

ESTIMATED SCHOOLS EXPOSED

**27**

## CAPITAL EXPOSED

USD

**9.36 BILLION**

## OVERVIEW OF CRISIS

Maximum sustained wind speed within 74 km of the very severe cyclone centre is about 140 kph rising to 160 kph in gusts/squalls. Sea will remain very high near the storm centre.

Maritime ports of Cox's bazar and Chattogram have been advised to lower local warning signal number four but instead to hoise Great Danger signal no. 08 (eight). Maritime ports of Mongla and Payra have been advised to hoisted local warning signal number four.

The coastal districts of Cox's Bazar, Chattogram, Feni, Noakhali, Lakshmipur, Chandpur, Bhola, and their outshore islands and chars will come under Great Danger signal no.10 (TEN).

The low-lying areas of the coastal districts of Cox's Bazar and Chattogram and their offshore islands and chars are likely to be inundated by the wind driven surge height 08-12 feet above normal astronomical tide. The low-lying areas of the coastal districts of Feni, Noakhali, Lakshmipur, Chandpur, Bhola and their offshore islands and chars are likely to be inundated by the wind-driven surge height 05-07 feet above normal astronomical tide.

All fishing boats and trawlers over north bay have been advised to remain in shelter till further notice. There is a probability of heavy to very heavy rainfall over the south-east coast of Bangladesh.



### Wind speed

170 km/h, not exceeding 150km/h during landfall. Source: (BMD, IMD, ECMWF, GFS)



### Landfall location

Southeast Bangladesh and north Myanmar coasts between Cox's Bazar (Bangladesh) and Kyaukpyu (Myanmar) [Source BMD & IMD]



### Landfall time

14 May 2023  
Around 12:00pmBST (Source IMD & BMD)



## PRIORITY NEED ASSESSMENT FOR RECOVERY

RESCUE

SHELTER

AGRICULTURE & LIVELIHOOD

FOOD SECURITY

HEALTH CARE

MEDICINE

WASH

SAFE WATER SUPPLY

## NECESSARY INTERVENTION

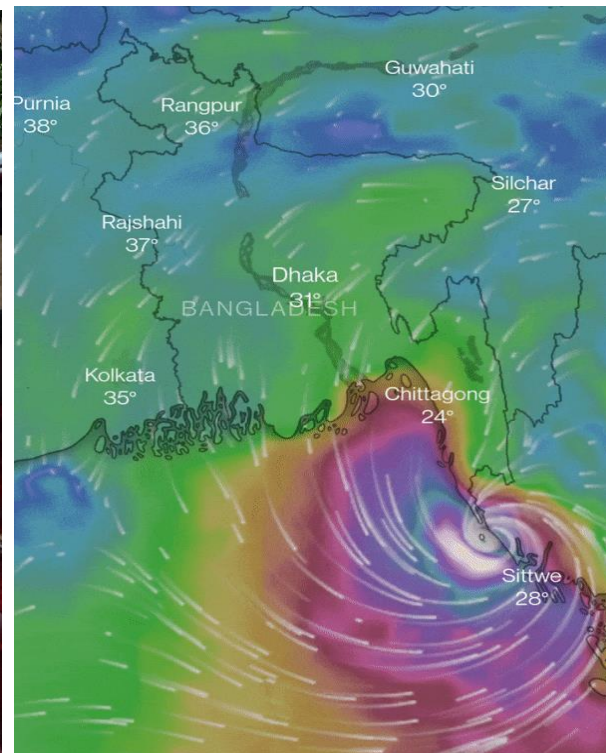
THE GOVERNMENT HAS TAKEN NECESSARY INITIATIVES FOR THE PREPAREDNESS AND PLAN FOR RECOVERY OF DAMAGED INFRASTRUCTURES BY CYCLONE **MOCHA**. THE GOVERNMENT HAS PLANS TO PROVIDE SHELTERS AND FOOD SUPPORT TO THE HOMELESS FAMILIES WHO WILL LOSE THEIR HOUSES.

THERE IS A NEED FOR AN INTEGRATED APPROACH BY THE GOVERNMENT, NGOS, AND INTERNATIONAL DONOR AGENCIES FOR DAMAGE RECOVERY AND LONG-TERM SOLUTIONS.

## ACTION TAKEN BY COMMUNITY INITIATIVE SOCIETY



MIKING IN COMMUNITY HOUSEHOLDS FOR CYCLONE MOCHA AWARENESS



MOCHA HEADING TOWARDS THE COX'S BAZAR

## **INTERVENTIONS OF CIS AND A-PAD BANGLADESH**

- **Local staff orientation to work with volunteer team for MOCHA Awareness to local community, Response and Recovery Plan**
- **Community Initiative Society has been maintaining close coordination with the local government, Cyclone Preparedness related Officials, and Volunteers at all levels in the targeted areas- Galachipa, Bagerhat and Cox's Bazar**
- **Conducted Emergency Preparedness Meetings with Local Government, community leaders, and NGO's for working coordination in MOCHA response.**
- **Community Awareness by miking or announcement is conducted in local languages in vulnerable areas.**
- **Aware Community of great danger signals 10 in the coastal area.**
- **Some pre-activation preparations such as collecting quotations, identifying vendors for buying dry foods, preparing vehicles for operation, and an emergency fund of CIS's own resources have been ready for response and are seeking support from national and international stakeholders to support collaboratively for MOCHA response.**
- **Safe evacuation will be supported with the collaboration of the Government**
- **The Medical Emergency Team of CIS is ready to deploy immediately for MOCHA response.**

## **UPDATES ON PREPAREDNESS MEASURES IN ROHINGYA CAMP:**

- **Several meetings were organized by the district and Upazila administrations to discuss Cyclone MOCHA**
- **Mocha preparedness. CIS staff participated in those meetings. Established close coordination with District and Upazila Administrations.**





**Community Awareness for CYCLONE MOCHA**



**Disaster (Cyclone) Preparedness Meeting**



**Community Meeting for Awareness**



**Cyclone Awareness Leaflet Distribution**



**Community Focal Group Discussion for  
Cyclone Preparedness**



**Rohingya Refugee Community Awareness by  
CIS**

**FOR ANY FURTHER INFORMATION PLEASE CONTACT: MD. GOLAM MOSTOFA, EXECUTIVE DIRECTOR, CIS**

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