



National Report Template

- Your presentation will be allocated **6 minutes**;
- When identifying gaps and needs, prioritize specificity;
- If possible, we welcome examples of successful cases, including increased observation opportunities, expanded data sources, enhanced forecast products by cooperation, or your proposed path forward.



**DBCP Capacity Building Workshop on Ocean Observations for
Operational Services in the Indian Ocean Region**

National Reports

Bangladesh

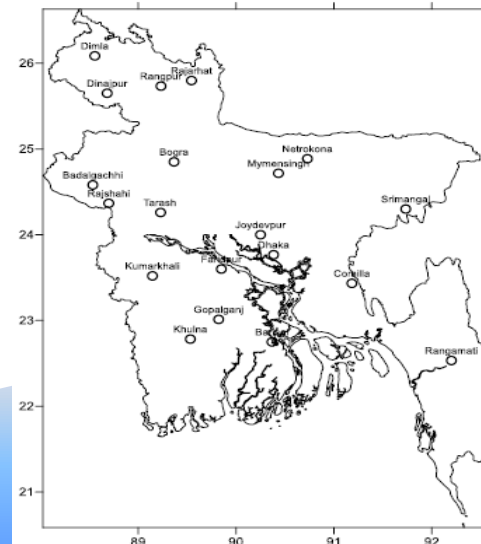
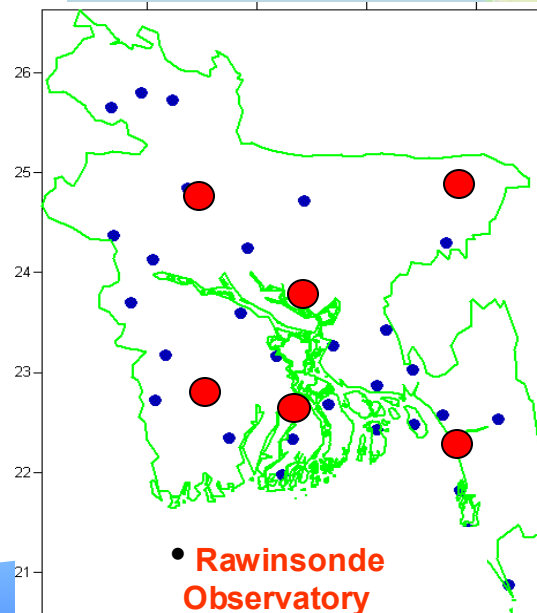
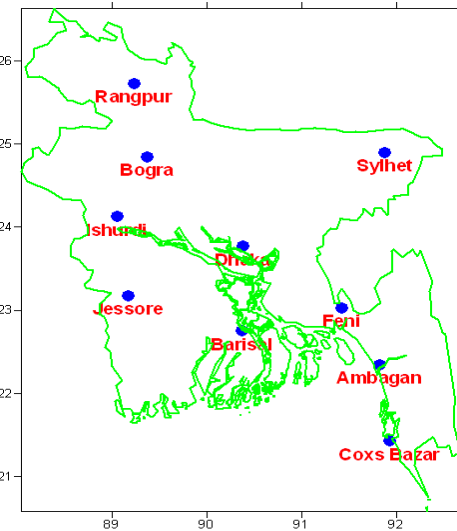
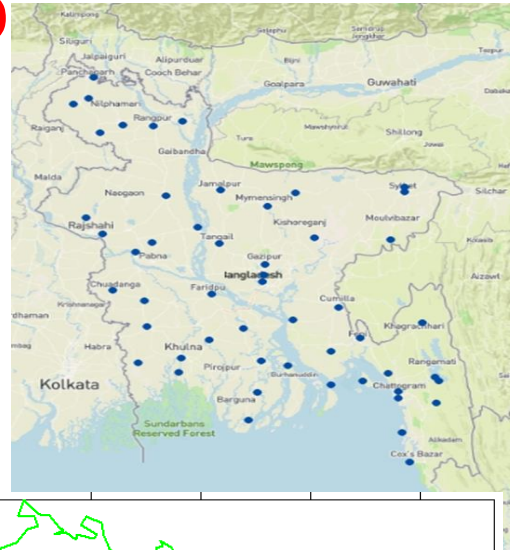
05 - 07 August 2025
Hyderabad, India



1. Existing Capacities/Activities for Observation /Forecasting

Manual Observatories in BMD

- a. Synoptic observatories : 58
- b. Pilot Observatories : 11
- c. Rawinsonde Observatories : 06
- d. Agromet observatories : 19
- e. RADAR Stations: 5
- f. Earthquake Monitoring Stations: 10
- g. Lightening Sensor : 11

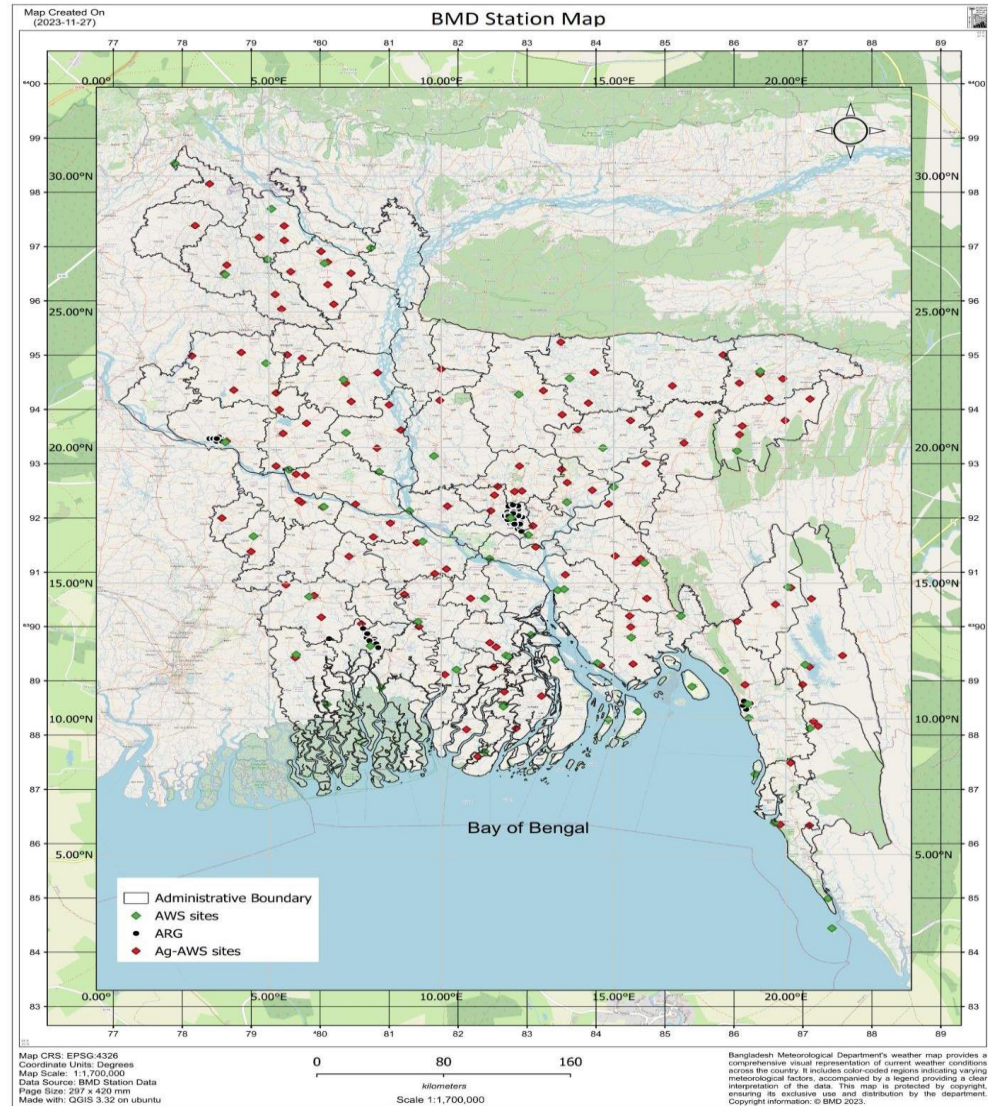




1. Existing Capacities/Activities for Observation /Forecasting

Automatic Observatories

- a. Automatic Weather Station(AWS): 61
- b. AgriAWS: 125
- c. Automatic Rain Gauge: 65





1. Existing Capacities/Activities for Observation /Forecasting

Weather Forecast

1. Daily weather forecast for 3 days, 5 days and 10 days

Disseminate twice in a day

2. Agrometeorological forecast for 7 days

Disseminate once in a week

Time and location specific Warning

1. Cyclone warning, Heavy rainfall warning, Thunder storm/
Lightening warning, Heat wave and Cold wave warning,
Fog warning and Land slide warning

Disseminate as per SoD of country



2. Gaps and Needs for Observation /Forecasting

Observation gap

- BMD has no marine observation network over the Bay of Bengal
- As per GBON requirement at least 1 surface marine station is required with two parameters SLP and SST

Forecast gap

- Impact Base Forecast
- Probabilistic Forecast



3. Case sharing (if have)

- BMD has established the following observing stations within last five years
 - AWS 35
 - AgAWS 125
 - Automatic RG 65
 - Rawinsonde 03
 - Pilot Balloon 01
 - AWOS 03
 - Lightening sensor 03