



# NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

**15 March 2023 (THURSDAY)  
[FOR THE PERIOD 15.03.2023 – 19.03.2023]**



## DISCLAIMER

Under the Agro-meteorological Information System Development Project, Agromet Advisory Service Bulletins at National & Sixty Four (64) districts have been prepared on experimental basis. These bulletins are being displayed through the website of Department of Agricultural Extension for valuable comments/ suggestions from all concerned.

## ISSUED BY

Agro-Meteorological Information Systems  
Development Project  
Department of Agricultural Extension (DAE)  
Ministry of Agriculture  
In collaboration with Bangladesh  
Meteorological Department

## Realized Weather at different locations in the country

**Rainfall for last 24 hours (till 06 AM on 15 March 2023) and maximum temperature on 14 March and minimum temperature on 15 March 2023 is given below:**

Name of Divisions	Name of Stations	Rain fall (mm)	Max. Temp (°C)	Min. Temp (°C)	Name of Divisions	Name of Stations	Rain fall (mm)	Max. Temp (°C)	Min. Temp (°C)	
Dhaka	Dhaka	00	34.3	23.7	Chattogram	Chattogram	00	30.2	23.8	
	Tangail	00	33.0	22.5		Sandwip	00	32.5	21.9	
	Faridpur	00	33.8	20.6		Sitakunda	00	32.5	20.5	
	Madaripur	00	33.2	20.5		Rangamati	00	<b>35.3</b>	20.5	
	Gopalganj	00	33.0	21.0		Cumilla	00	31.8	20.2	
	Nikli	00	32.0	19.5		Chandpur	00	33.6	22.0	
Rajshahi	Rajshahi	00	34.6	19.8		M. Court	00	32.4	22.2	
	Ishurdi	00	34.4	22.0		Feni	00	33.3	19.5	
	Bogura	00	32.7	22.4		Hatiya	00	33.3	21.5	
	Badalgachhi	00	32.0	20.4		Cox's Bazar	00	32.5	23.4	
	Tarash	00	31.5	22.0		Kutubdia	00	32.1	22.1	
						Teknaf	00	32.2	19.3	
Rangpur	Rangpur	00	33.0	21.6		Khulna	Bandarban	00	34.4	20.7
	Dinajpur	00	34.0	20.1			Khulna	00	33.5	22.5
	Sayedpur	00	34.5	20.0	Mongla		00	33.7	22.8	
	Tetulia	00	33.1	<u>16.0</u>	Satkhira		00	33.5	22.5	
	Dimla	00	32.8	18.8	Jashore		00	33.6	21.2	
	Rajarhat	00	33.5	19.8	Chuadanga		00	34.3	21.2	
Mymensingh	Mymensingh	00	32.3	20.7	Barishal	Kumarkhali	00	35.0	21.7	
	Netrokona	02	30.6	20.0		Barishal	00	33.1	19.5	
Sylhet	Sylhet	<u>22</u>	33.0	18.5		Patuakhali	00	33.6	21.0	
	Srimangal	00	34.0	19.0		Khepupara	00	33.5	21.9	
						Bhola	00	33.4	20.2	

### Highlights:

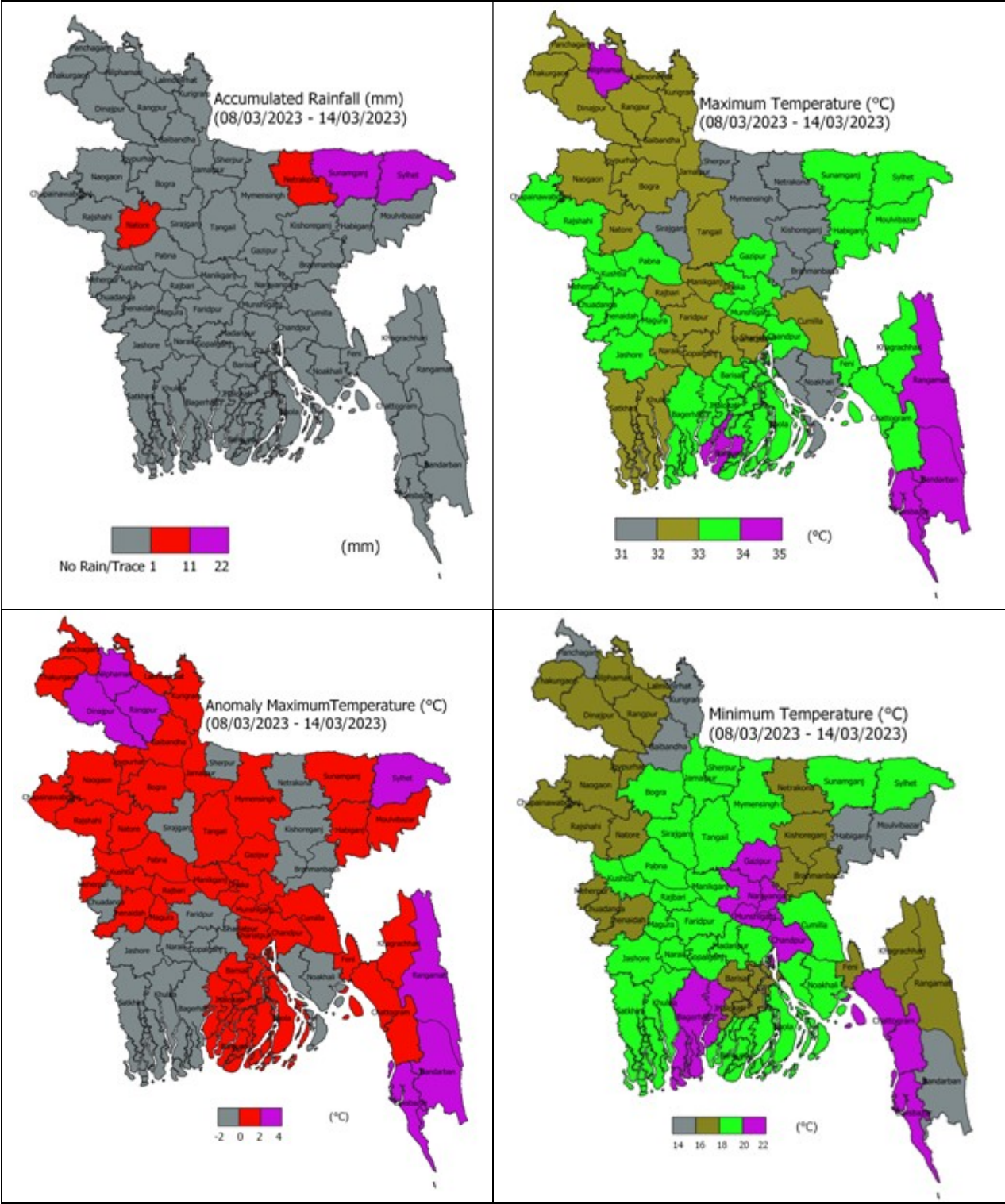
- Country average bright sunshine hour was 6.78 hours per day during last week.
- Country average free water loss during the previous week was 3.57 mm per day.

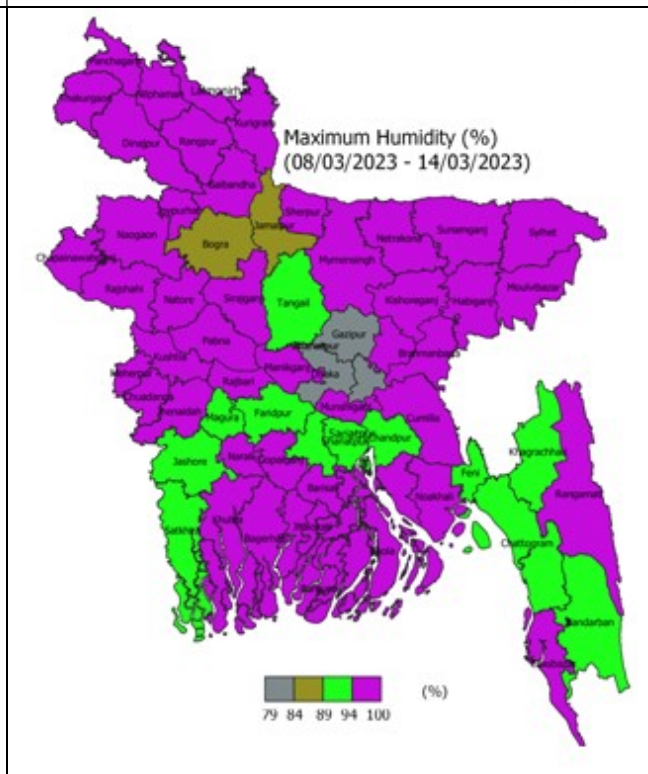
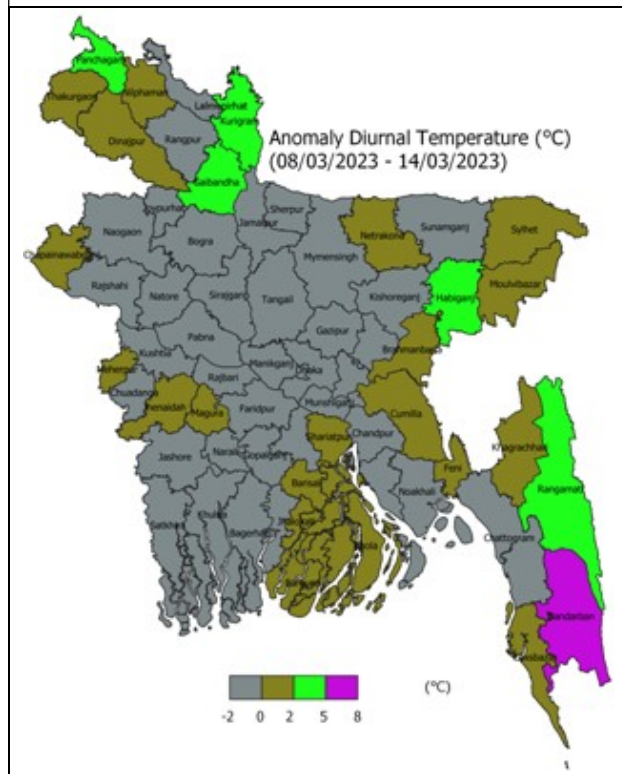
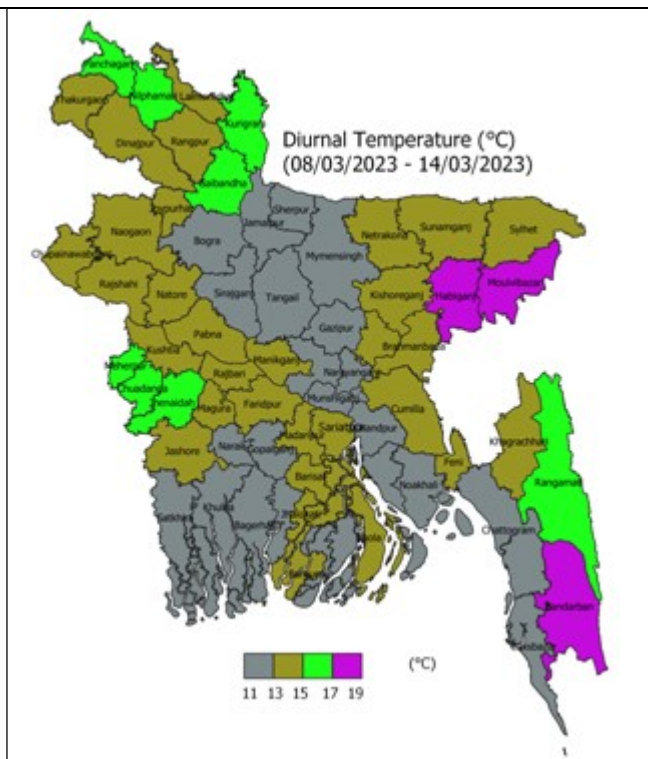
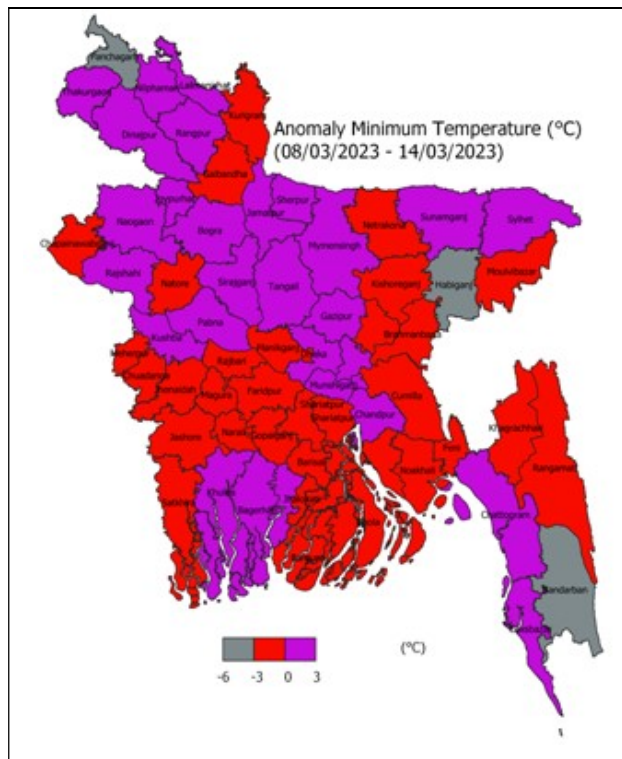
### Weather Forecast Valid for 24 Hours commencing 06 PM Today:

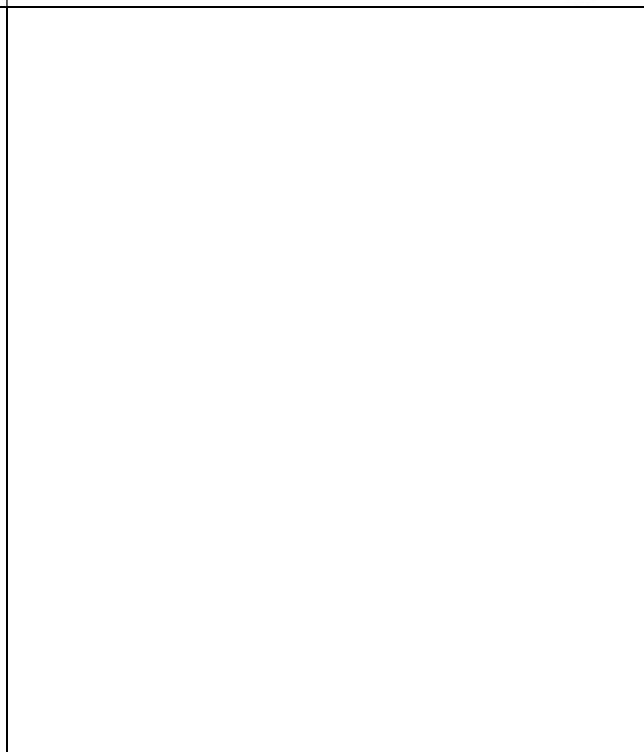
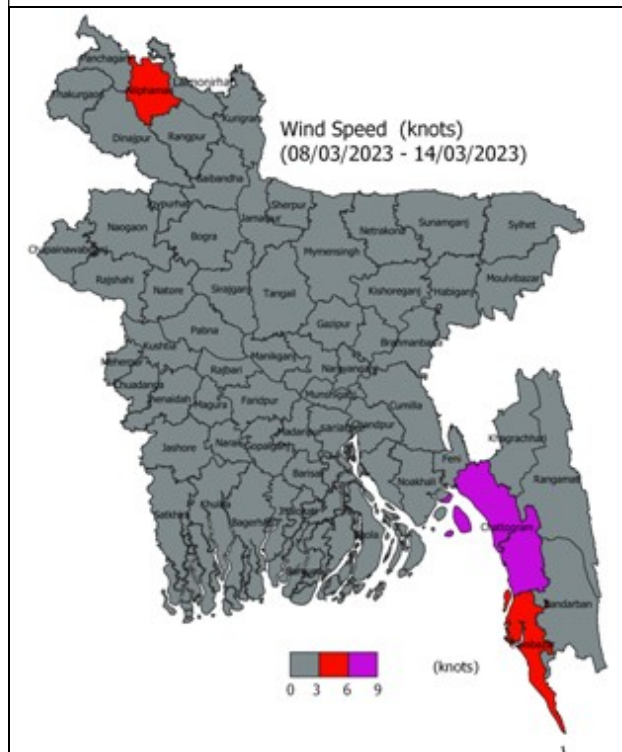
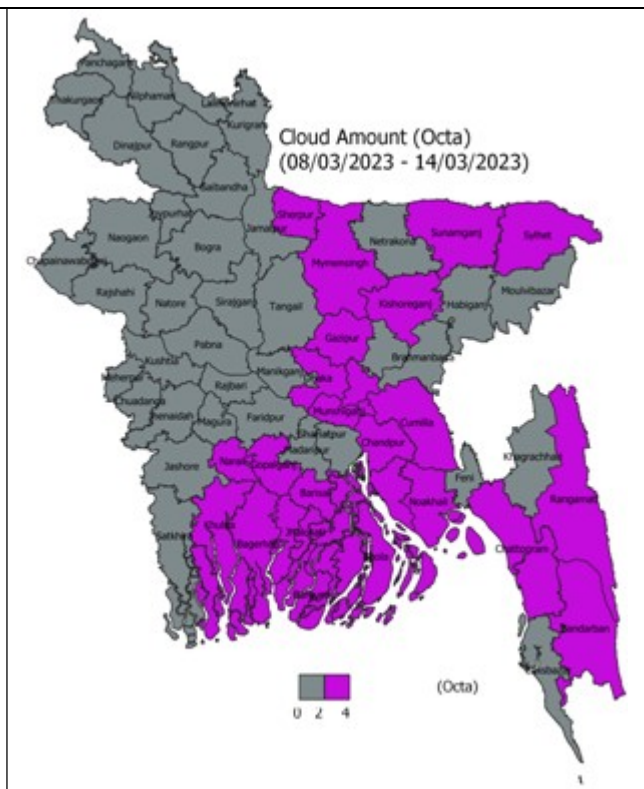
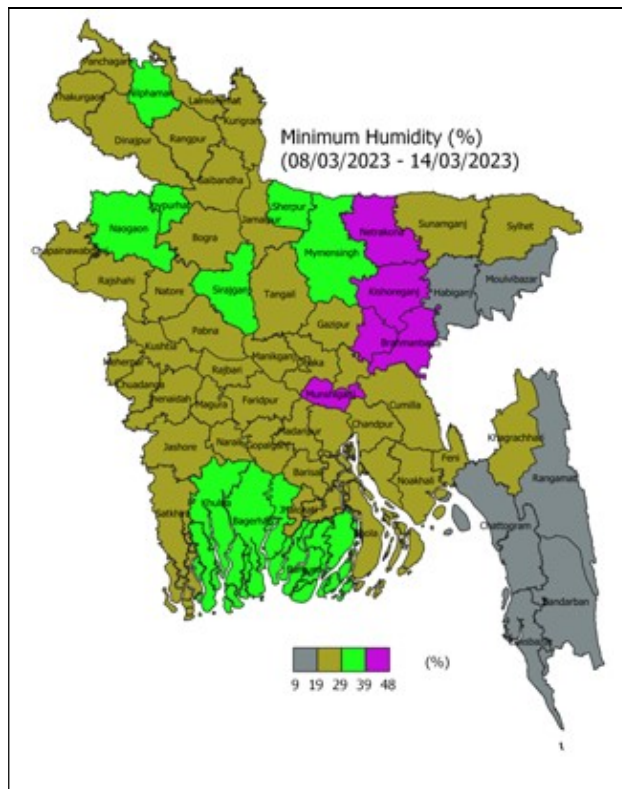
**Forecast:** Rain/thunder showers accompanied by temporary gusty/squally wind is likely to occur at one or two places over Mymensingh, Dhaka, Khulna, Barishal, Chattogram & Sylhet divisions. Weather may remain mainly dry with temporary partly cloudy sky elsewhere over the Country.

**Temperature:** Day and night temperature may fall slightly over the country.

**Spatial Distribution of weather parameters for the Week ending on 14 March 2023**





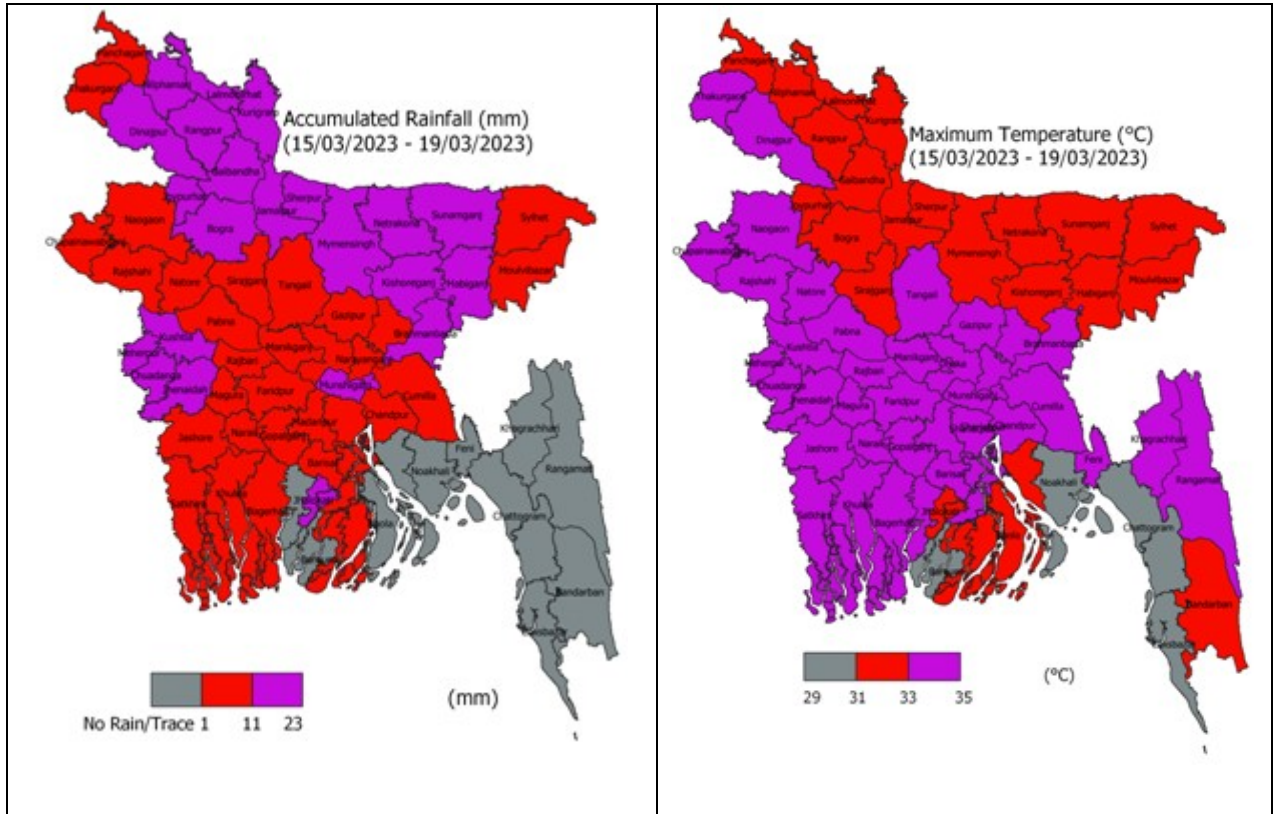


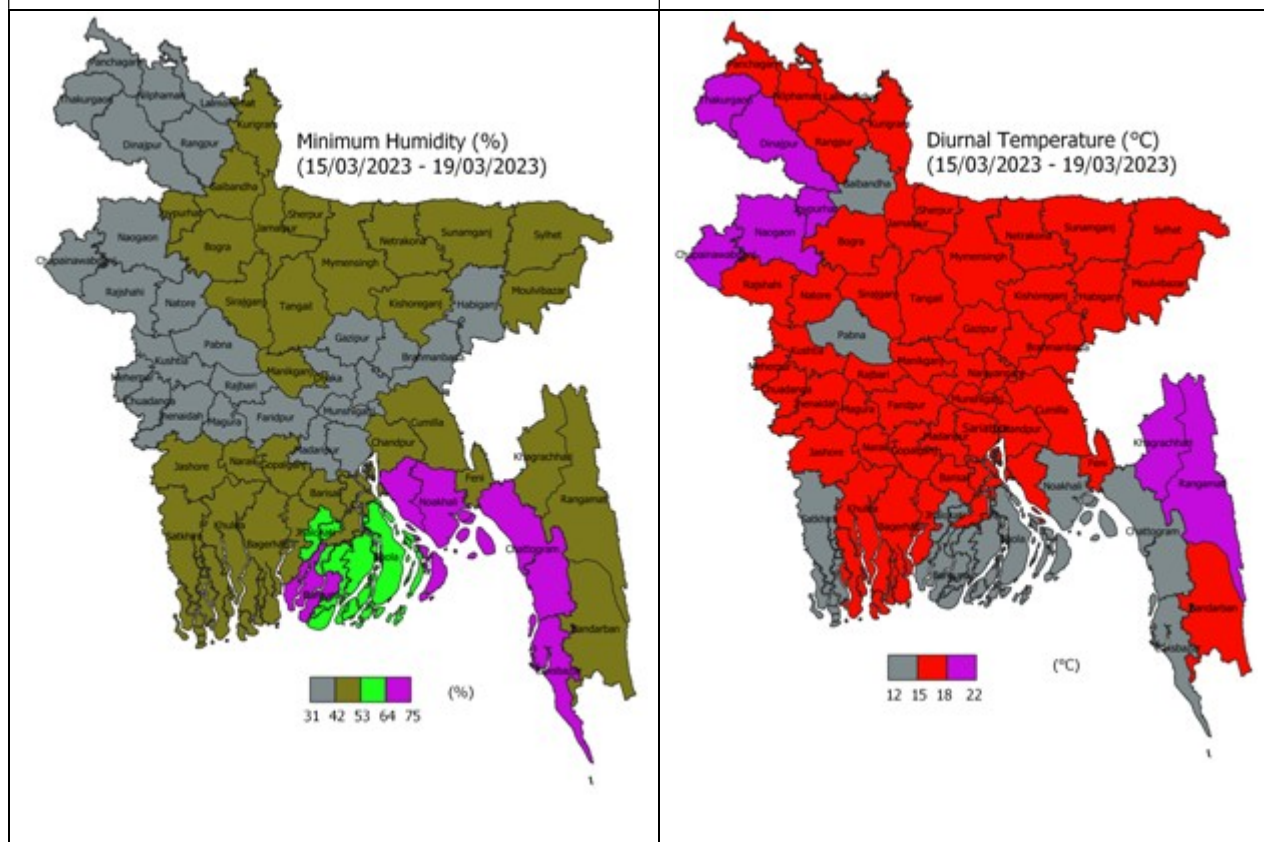
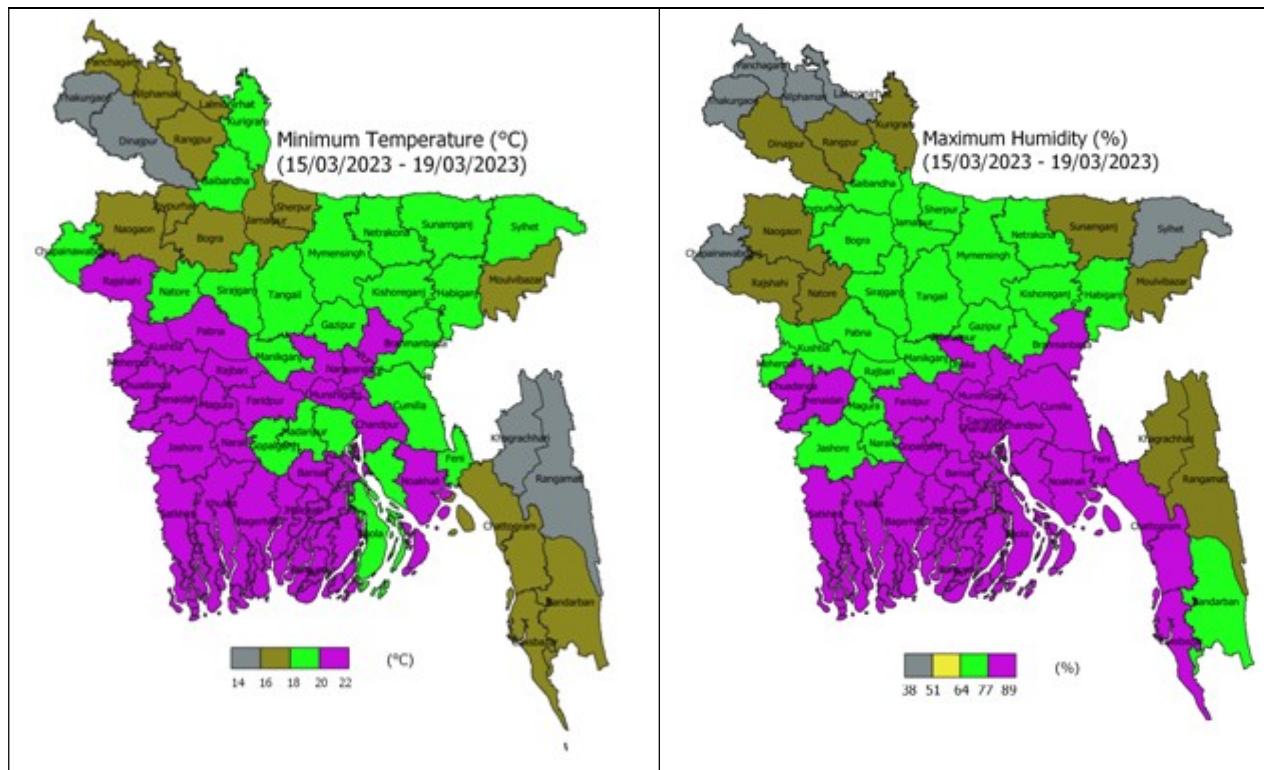
**Weather Forecast and Advisory for the Period of 16.03.2023 to 22.03.2023**

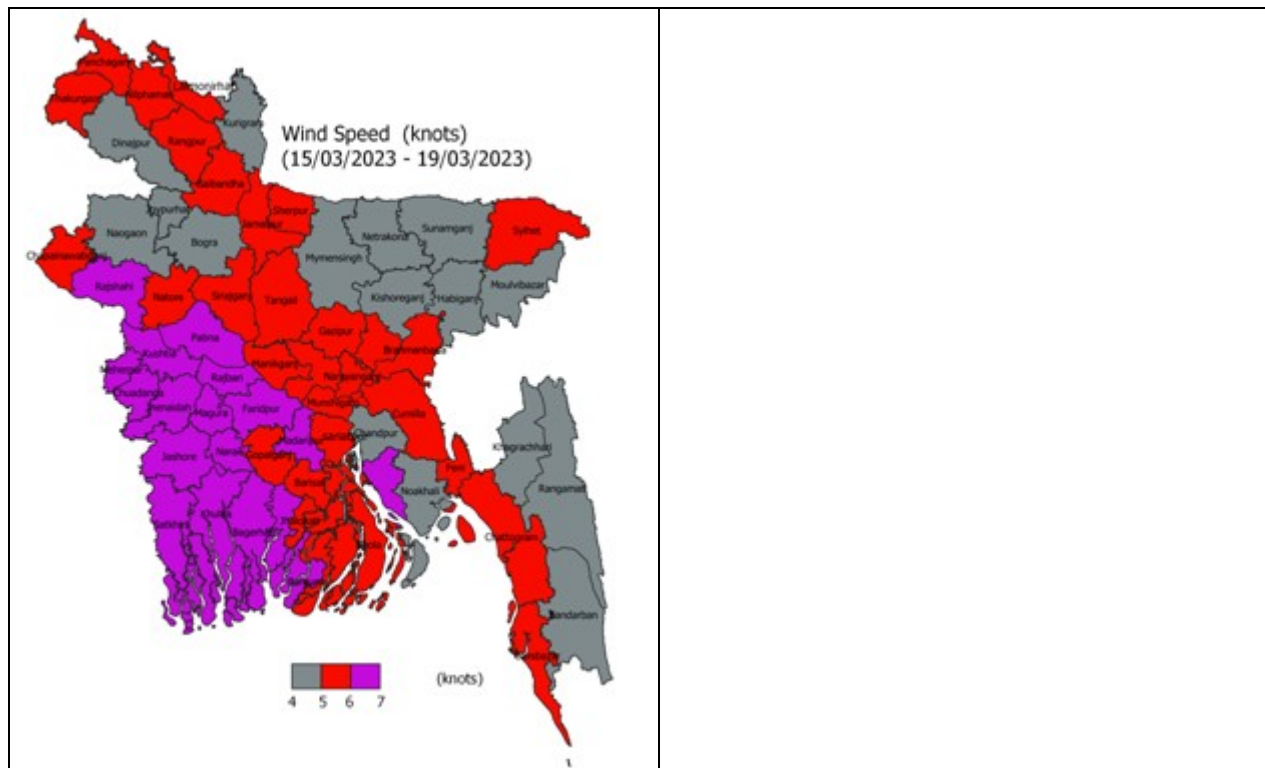
Bright sunshine hour is likely to be from 5.50 to 7.50 hours per day during this week. Average free water loss is likely to be from 2.50 to 4.50 mm per day during this week.

- Rain/thunder showers accompanied by temporary gusty/squally wind is likely to occur at many places over Dhaka, Rangpur, Rajshahi, Mymensingh & Sylhet divisions and at one or two places elsewhere over the country with isolated hails at places during the 1st half of this period. Rainfall activities may increase at the Southern and North eastern part of the country during the end of this period.
- Day and night temperature may fall slightly over the country during this period.

**District Wise Quantitative Weather Forecast for next Five days from 15 Mar.- 19 March 2023**







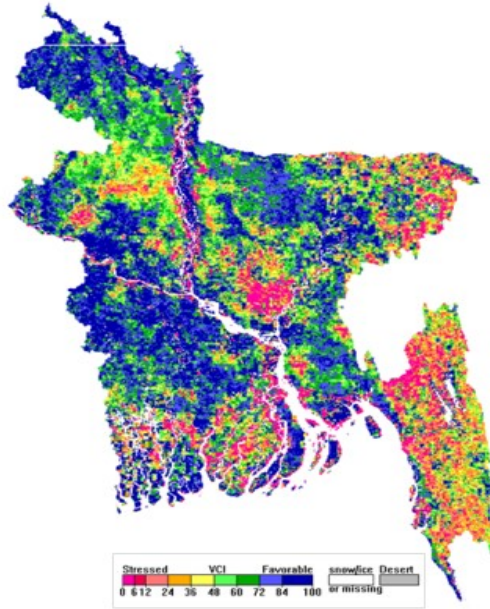


## Different Satellite Products over Bangladesh

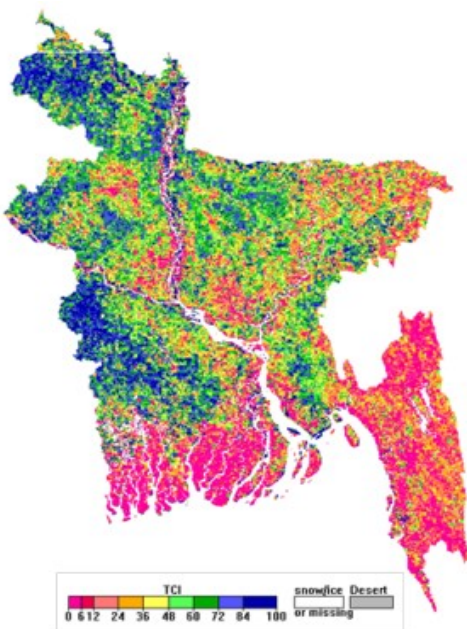
NOAA/VIIRS BLENDED NDVI composite for the week. No. 10 (05 March-11 March) over Agricultural regions of Bangladesh



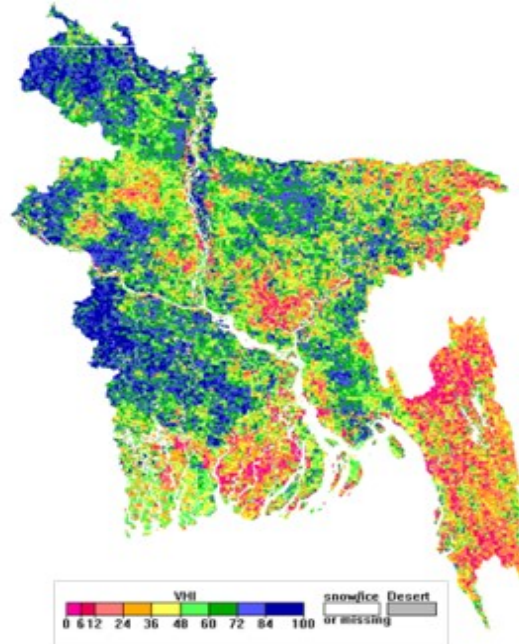
NOAA/ AVHRR BLENDED VCI composite for the week No. 10 (05 March-11 March) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 10 (05 March-11 March) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 10 (05 March-11 March) over Agricultural regions of Bangladesh



## **Agromet Advisories**

According to the information received from the Bangladesh Meteorological Department, light to heavy rainfall is likely to occur in all districts of Bangladesh from March 17 to 22. At this time, there may be thunderstorms somewhere. Special Agro meteorological Advisories are given below in current weather conditions:

- Avoid irrigation, fertilizer and pesticide application.
- Harvest mature crops quickly and store in a dry and safe place.
- Bacterial leaf blight may occur in Boro rice. To protect the crop from this disease, 5 kg of potash fertilizer and 3.5 kg of gypsum per bigha should be applied after the rains stop. However, if the paddy plant has passed the panicle initiation stage, 60 grams of potash fertilizer, 60 grams of thiovit and 20 grams of zinc should be mixed well in 10 liters of water and sprayed on 5 percent of the land.
- Keep drains clear so that water does not accumulate on the ground.
- Arrange for elevated bunding around and inside the boro paddy.
- Provide mechanical support to the standing banana, sugarcane and other horticultural crops.
- If the field condition is suitable after rainfall then start sowing of jute seeds.