



# NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

**09 November 2022 (WEDNESDAY)  
[FOR THE PERIOD 09.11.2022 – 13.11.2022]**



## 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

## **Agromet Advisories**

According to the medium range forecast, there is no chance of rainfall in most of the districts of the country in the next five days. The following agromet advisories are provided in these circumstances:

### **Rice Aman**

- Apply irrigation.
- Maintain 5-7 cm land water level.
- Present weather condition is congenial for False smut infestation. Apply Fertilizer management.
- Drain out water from the paddy field 15 days before harvesting
- If the crop is 80% mature, collect it in a sunny day.

### **Boro Rice**

- Maintain water level of 5-7 cm during transplanting stage.
- Apply irrigation.

### **Wheat**

- Apply light irrigation during germination stage.

### **Vegetable**

- Powdery mildew disease can occur in cucumbers. For control, apply pesticides of the hexaconazole or mancozeb group.
- Eggplant may be attacked by tip and fruit borer under prevailing weather conditions. For control, cut and destroy the affected tip along with the insects. Insect reproduction is likely to be greatly reduced by using pheromone traps. Use spray of approval dose of insecticides, if necessary or recommended local organic insecticides may be used.
- Under the prevailing weather condition, there is a chance of aphid attack in beans and cabbage. Use the approved dose of Chloropyrix group of pesticides.
- Apply Irrigation.

### **Horticultural**

- Farmers are advised to go for bagging of the banana bunches with muslin cloth or polyethylene before fruit set in order to protect the fruits from the attack of banana fruit and leaf scarring beetle.
- Guava may be attacked by caterpillars under the prevailing condition. For control, spray 05 grams of soap powder per liter of water.

- Coconut trees may be attacked by spiders under prevailing weather condition., all the young caconut of the affected tree should be cut down and burnt. Infected trees and nearby young trees should be sprayed with any spider repellent such as Omite 57 EC mixed in 1.5 ml of one liter of water.
- Apply Irrigation.

### **Livestock**

- Give Vaccination based on age and physical condition of cattle.
- Give dewormer if livestock are not given dewormed.
- Keep sheds and floors clean.
- If any disease symptoms appear, consult a veterinary doctor immediately for appropriate treatment.

### **Poultry**

- High power bulbs (100 watts or more) in the poultry shed for 1-2 hours after dusk will increase egg production and diseases will reduce.
- If any disease symptoms appear, consult a veterinarian doctor immediately for proper treatment

### **Fishery**

- Contact the nearest upazila fisheries office if any fish disease occurs or if the desired growth is not achieved.
- Drain the pond and remove the black/rotten sludge from the bottom.
- Repair pond banks if they are damaged.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Reduce food intake in winter. Stop feeding if necessary
- Application of 250 grams of lime per decimal at the beginning of winter helps to get rid of fish diseases.

## Realized Weather at different locations in the country

**Rainfall for last 24 hours (till 06 AM on 09 November 2022) and maximum temperature on 08 November and minimum temperature on 09 November 2022 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	31.7	23.1	Chattogram	Chattogram	00	30.7	21.6		
	Tangail	00	31.6	21.2		Sandwip	00	32.1	19.5		
	Faridpur	00	31.6	23.0		Sitakunda	00	32.7	19.6		
	Madaripur	00	30.2	20.2		Rangamati	00	31.0	21.0		
	Gopalganj	00	30.2	20.5		Cumilla	00	32.5	20.5		
	Nikli	00	30.6	21.0		Chandpur	00	32.3	22.3		
Rajshahi	Rajshahi	00	31.5	19.3		M.Court	00	31.0	21.3		
	Ishurdi	00	31.2	19.0		Feni	00	31.6	20.2		
	Bogura	00	31.8	20.5		Hatiya	00	30.5	xx		
	Badalgachhi	00	31.5	19.0		Cox's Bazar	00	32.4	22.4		
	Tarash	00	32.5	20.5		Kutubdia	00	31.5	21.5		
Rangpur	Rangpur	00	31.1	20.5		Teknaf	Teknaf	00	xx	21.0	
	Dinajpur	00	31.0	19.2			Khulna	Khulna	00	30.5	20.5
	Sayedpur	00	31.5	18.8				Mongla	00	30.6	21.1
	Tetulia	00	30.6	<u>16.6</u>				Satkhira	00	31.2	20.3
	Dimla	00	30.0	18.3				Jashore	00	<u>33.2</u>	18.8
	Rajarhat	00	30.5	18.0				Chuadanga	00	31.6	19.0
	Mymensingh	Mymensingh	00	30.7				19.6	Kumarkhali	00	30.2
Netrokona		00	30.8	19.2	Barishal	Barishal		00	30.9	18.7	
Sylhet	Sylhet	00	31.9	19.5		Patuakhali	00	30.9	19.5		
	Srimangal	00	32.5	18.1		Khepupara	00	31.2	20.6		
						Bhola	00	30.6	19.2		

### Highlights:

- Country average bright sunshine hour was 8.10 hours per day during last week.
- Country average free water loss during the previous week was 3.19 mm per day.

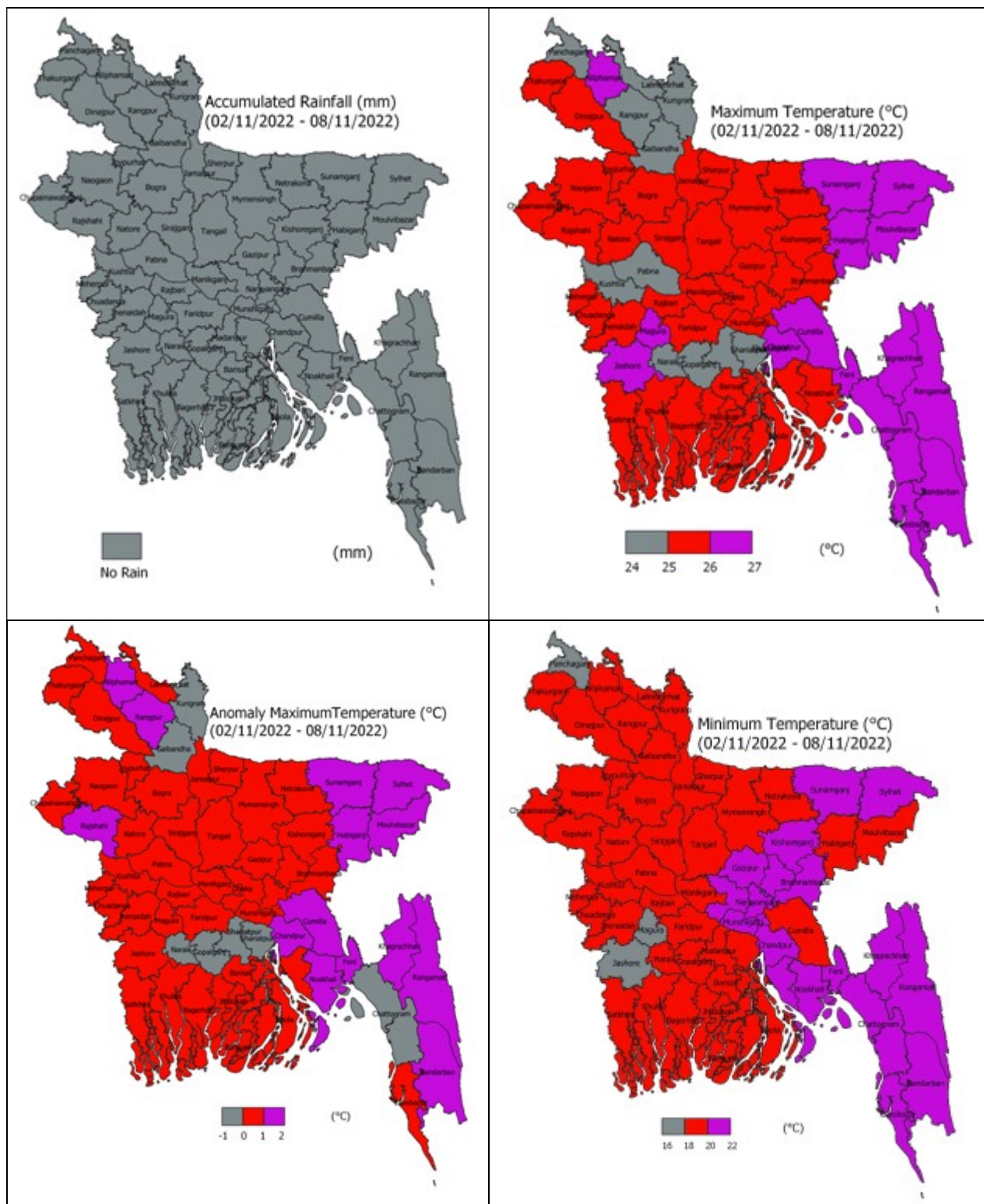
### Weather Forecast Valid for 24 Hours commencing 06 PM Today:

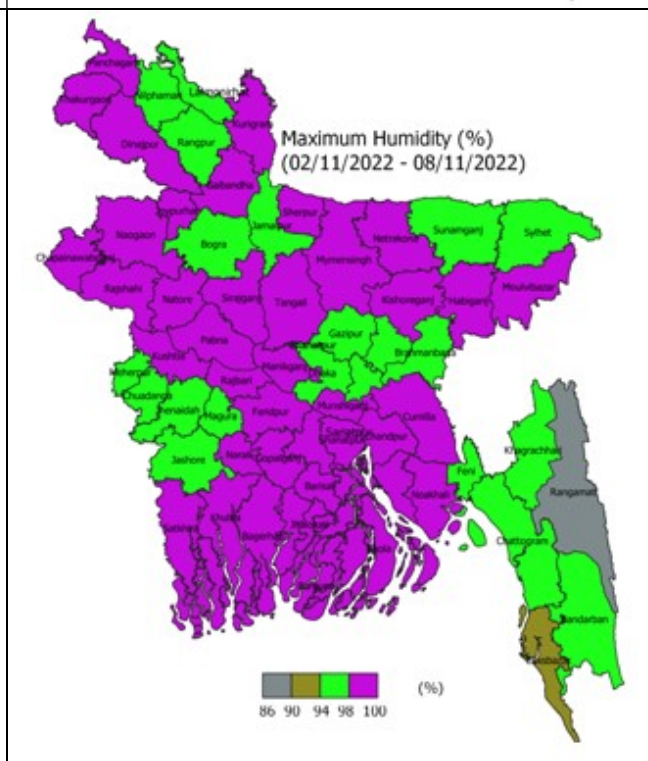
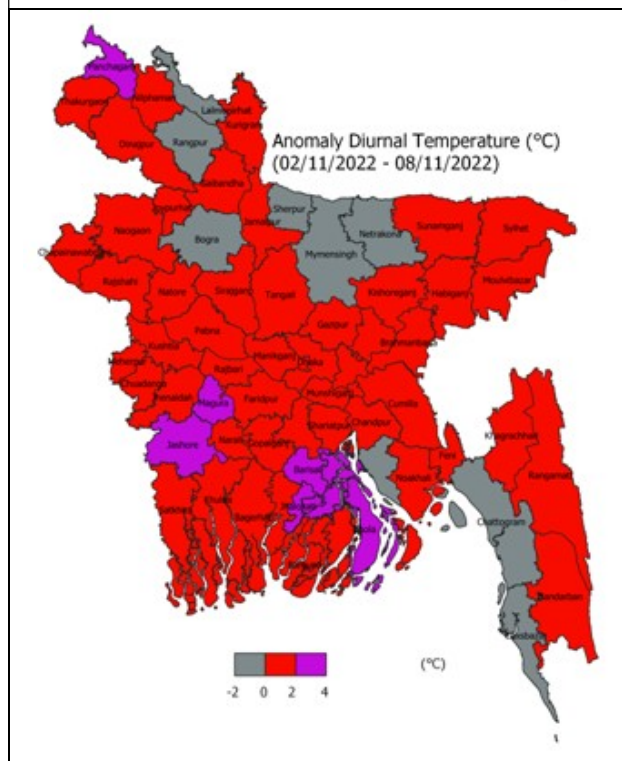
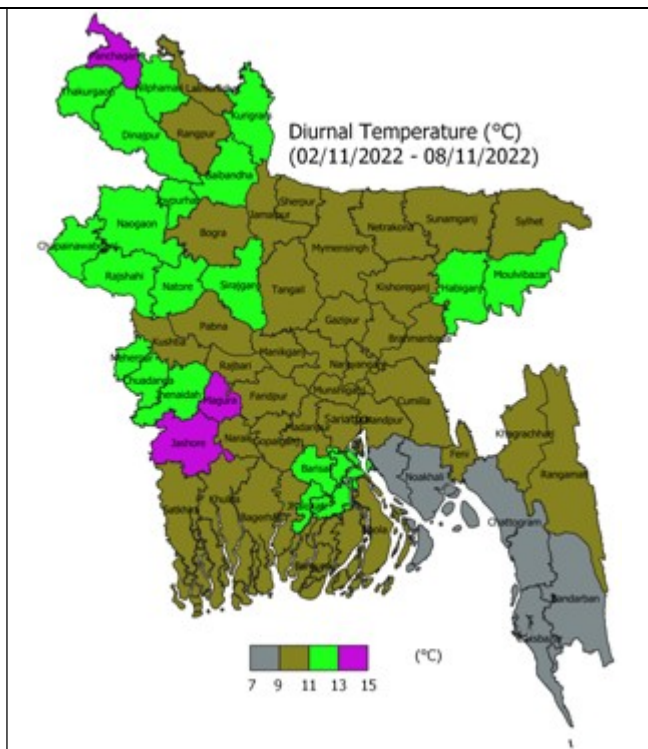
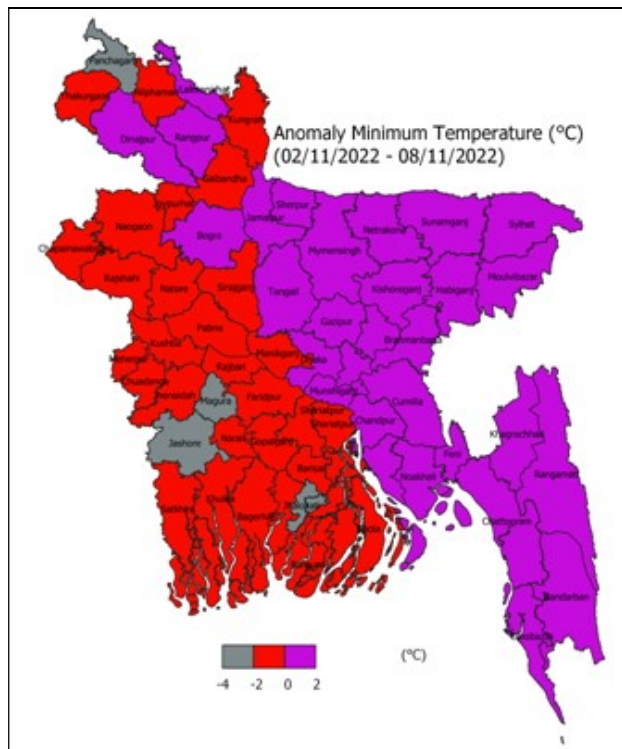
**Forecast:** Weather is likely to remain dry with temporary partly cloudy sky over the country.

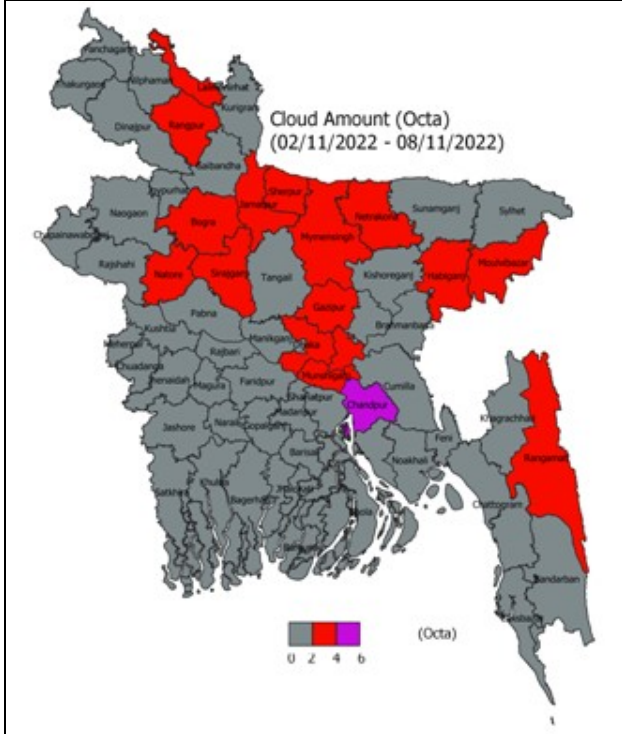
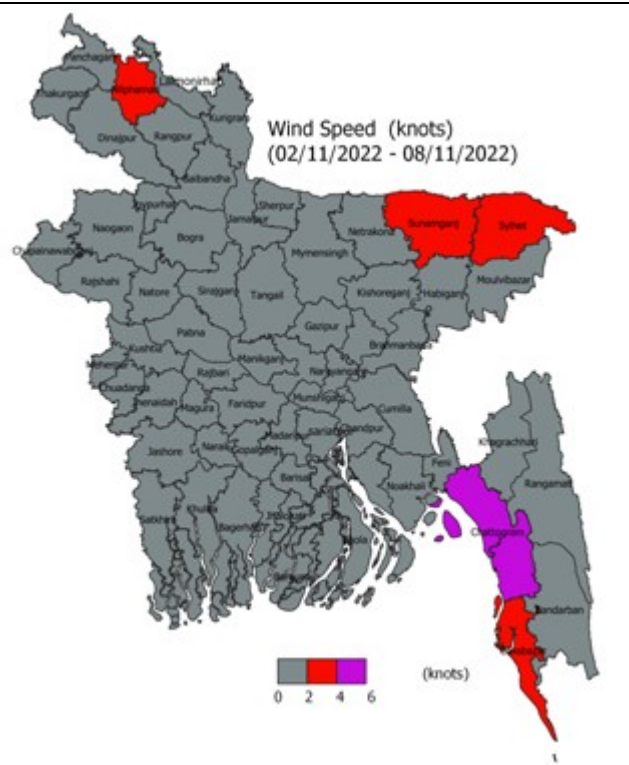
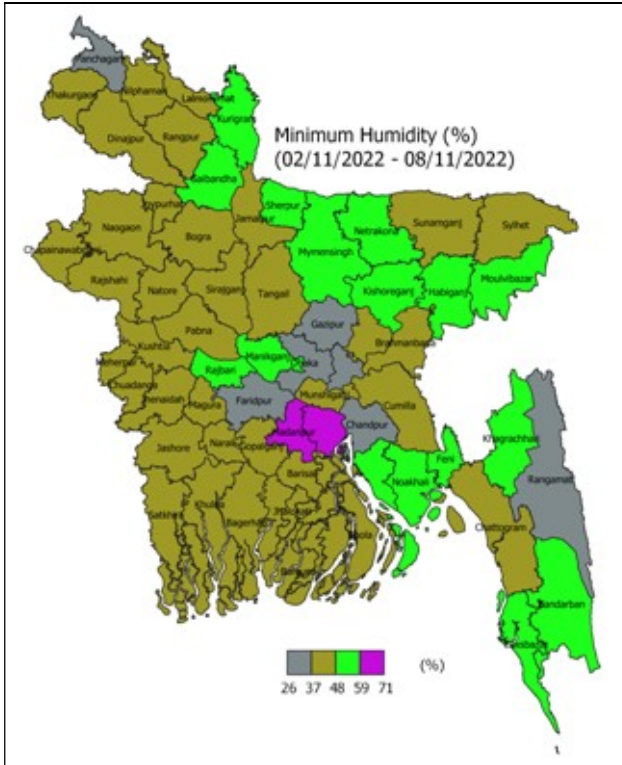
**Fog:** Light fog is likely occur at places over the country during early morning.

**Temperature:** Night and day temperature may remain nearly unchanged over the country.

## Spatial Distribution of weather parameters for the Week ending 08 November 2022





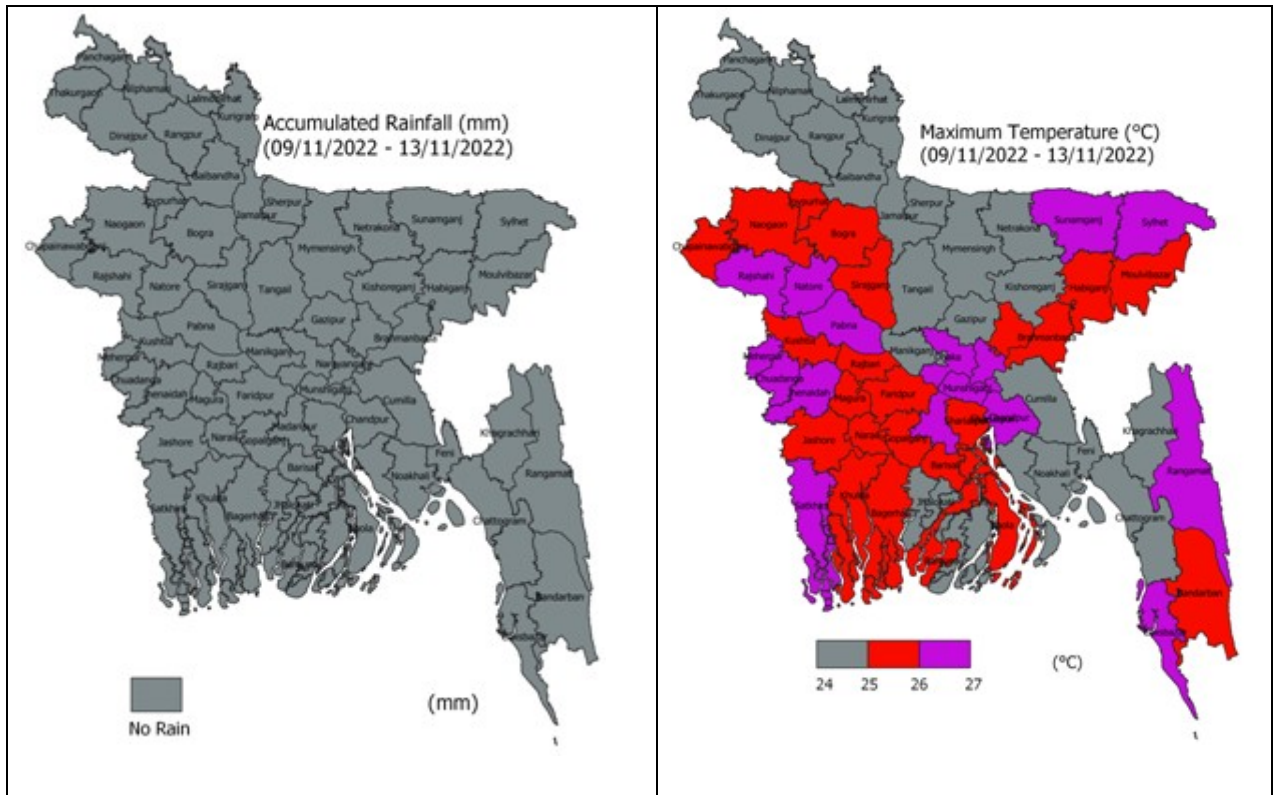


**Weather Forecast and Advisory for the Period of 08.11.2022 to 14.11.2022**

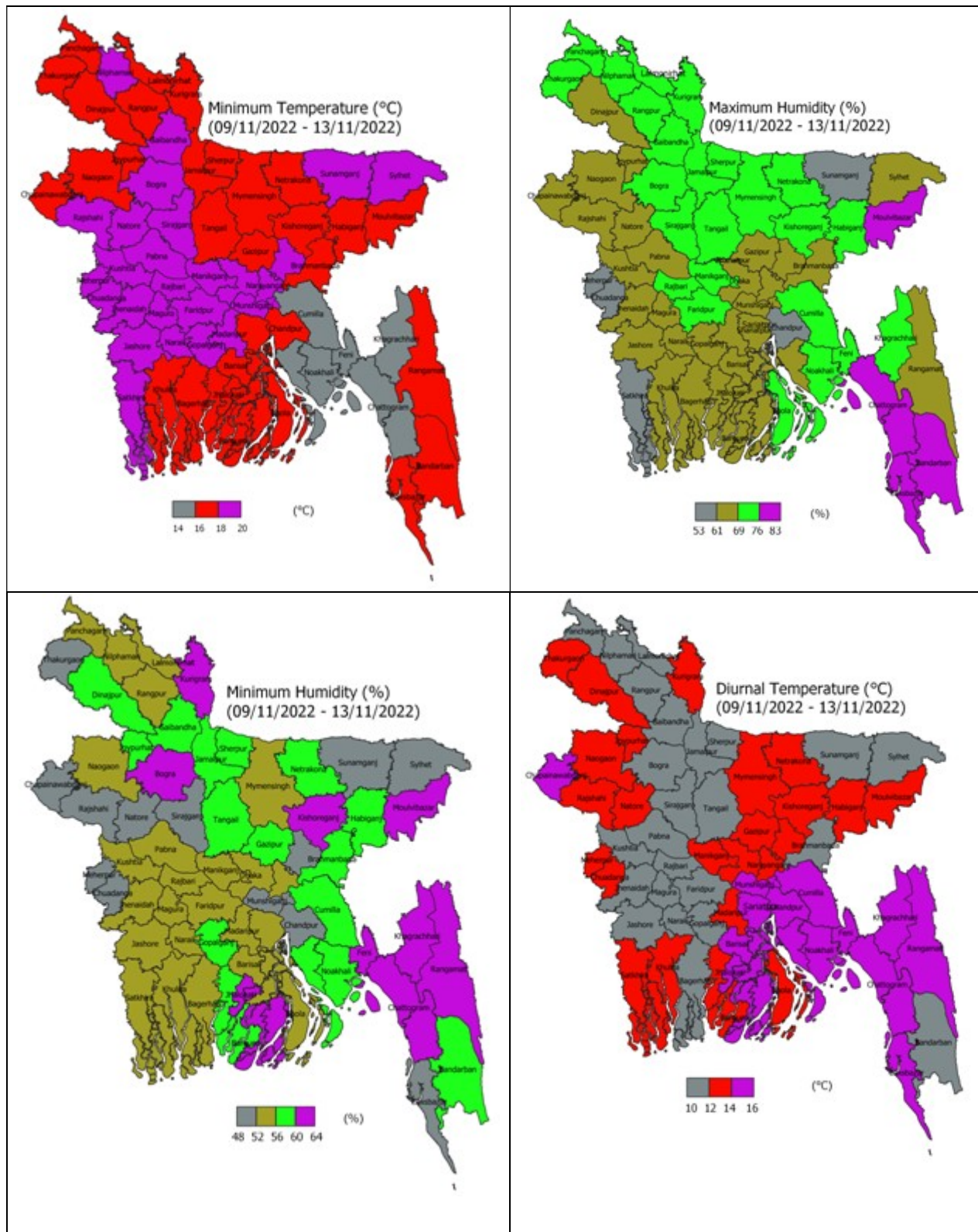
Bright sunshine hour is likely to be from 6.00 to 8.00 hours per day during this week. Average free water loss is likely to be from 3.00 to 4.00 mm per day during this week.

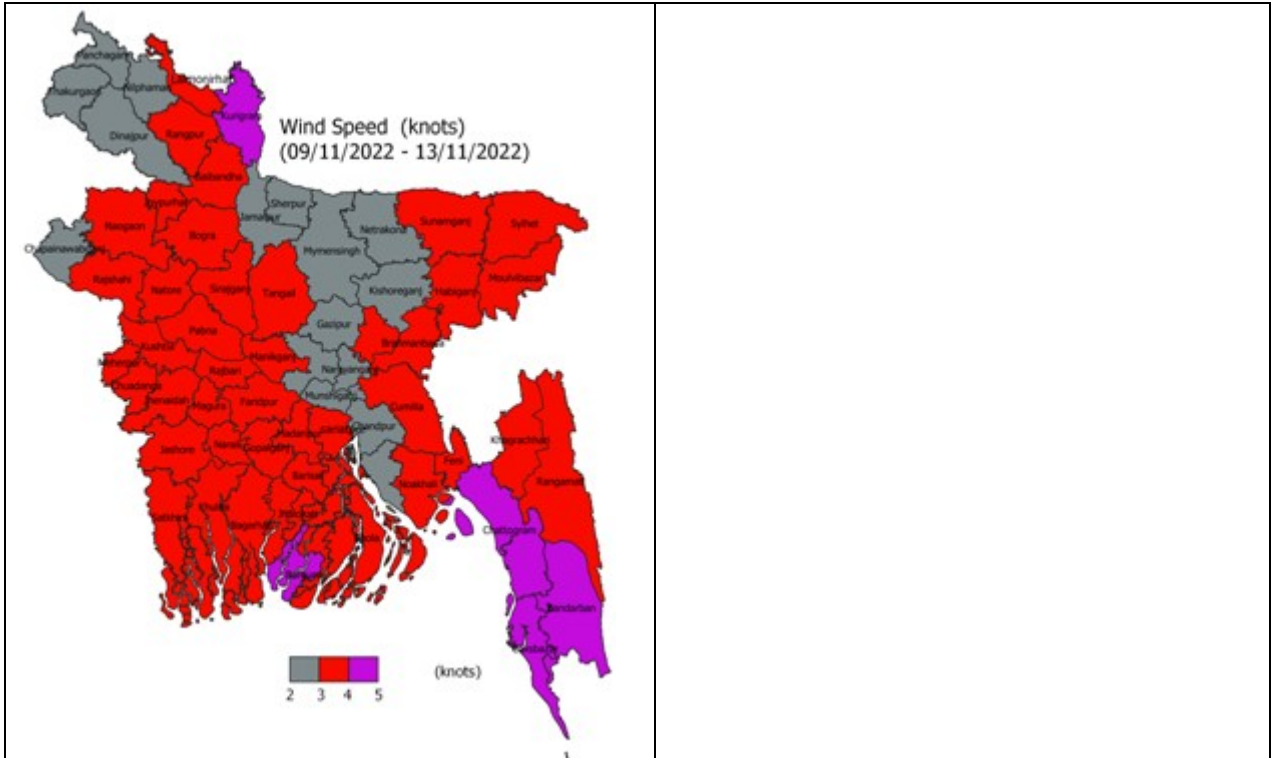
- Weather may remain dry with temporary partly cloudy sky over the country during this period.
- Light fog may occur at places over the country during early morning of this period.
- Day & night temperature may fall by (1-2°C) during this period.

**District Wise Quantitative Weather Forecast for next Five days from 09 Nov.- 13 Nov. 2022**



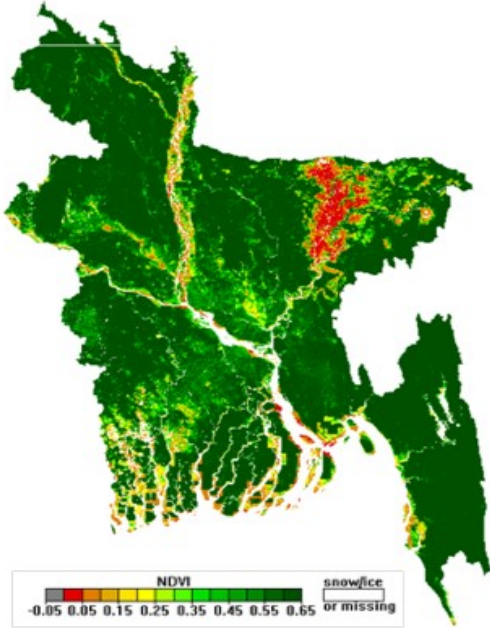




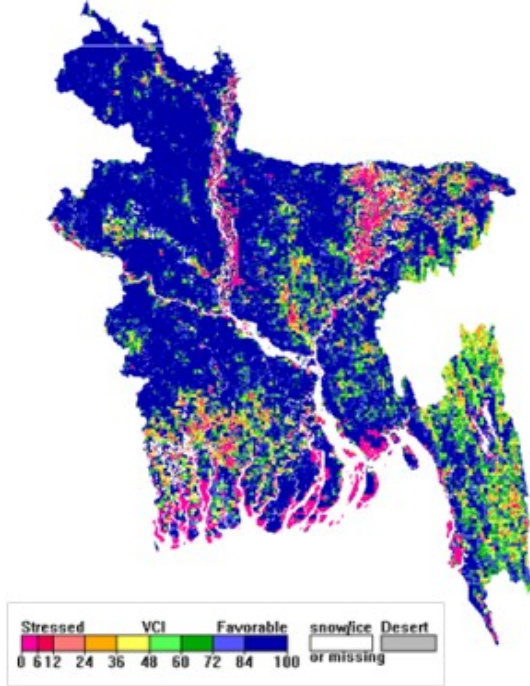


## Different Satellite Products over Bangladesh

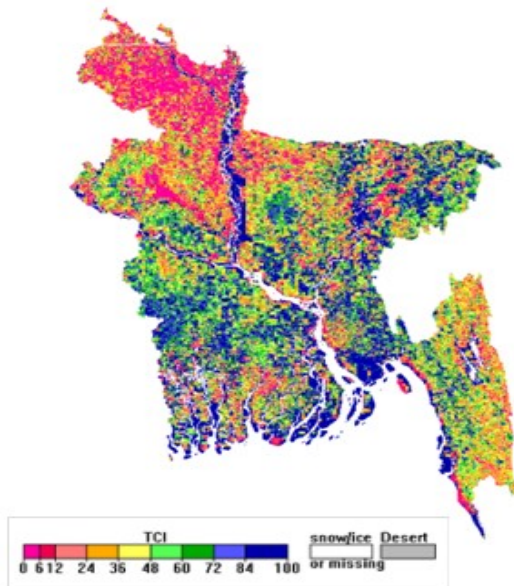
NOAA/VIIRS BLENDED NDVI composite for the week. No. 44 (29 October-04 November) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VCI composite for the week No. 44 (29 October-04 November) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 44 (29 October-04 November) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 44 (29 October-04 November) over Agricultural regions of Bangladesh

