



NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

**12 April 2023 (THURSDAY)
[FOR THE PERIOD 12.04.2023 – 16.04.2023]**



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 12 April 2023) and maximum temperature on 11 April and minimum temperature on 12 April 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	38.5	24.2	Chattogram	Chattogram	00	35.3	25.2	
	Tangail	00	38.0	21.0		Sandwip	00	37.2	23.8	
	Faridpur	00	39.3	20.5		Sitakunda	00	37.4	22.6	
	Madaripur	00	37.0	22.8		Rangamati	00	38.0	23.0	
	Gopalganj	00	37.5	23.7		Cumilla	00	35.8	23.0	
	Nikli	00	36.5	20.0		Chandpur	00	37.0	25.3	
Rajshahi	Rajshahi	00	39.0	19.8		M.Court	00	36.8	25.2	
	Ishurdi	00	38.6	19.8		Feni	00	38.0	24.0	
	Bogura	00	37.0	21.6		Hatiya	00	36.0	24.2	
	Badalgachhi	00	36.3	18.8		Cox's Bazar	00	35.0	25.6	
	Tarash	00	34.5	20.0		Kutubdia	00	33.5	23.8	
Rangpur	Rangpur	00	35.7	21.0		Teknaf	00	34.8	22.3	
	Dinajpur	00	35.7	18.7		Bandarban	00	38.2	23.5	
	Sayedpur	00	36.5	19.5		Khulna	Khulna	00	39.2	25.0
	Tetulia	00	34.3	18.6			Mongla	00	38.1	26.2
	Dimla	00	34.1	18.1	Satkhira		00	38.6	24.3	
	Rajarhat	00	35.7	17.3	Jashore		00	39.2	21.0	
Mymensingh	Mymensingh	00	35.3	19.8	Chuadanga		00	39.6	19.3	
	Netrokona	00	35.5	20.0	Kumarkhali		00	39.3	20.2	
Sylhet	Sylhet	00	36.6	22.9	Barishal	Barishal	00	38.2	24.6	
	Srimangal	00	38.2	19.4		Patuakhali	00	37.5	25.2	
						Khepupara	00	36.7	25.8	
					Bhola	00	36.7	24.4		

Highlights:

- Country average bright sunshine hour was 7.71 hours per day during last week.
- Country average free water loss during the previous week was 3.66 mm per day.

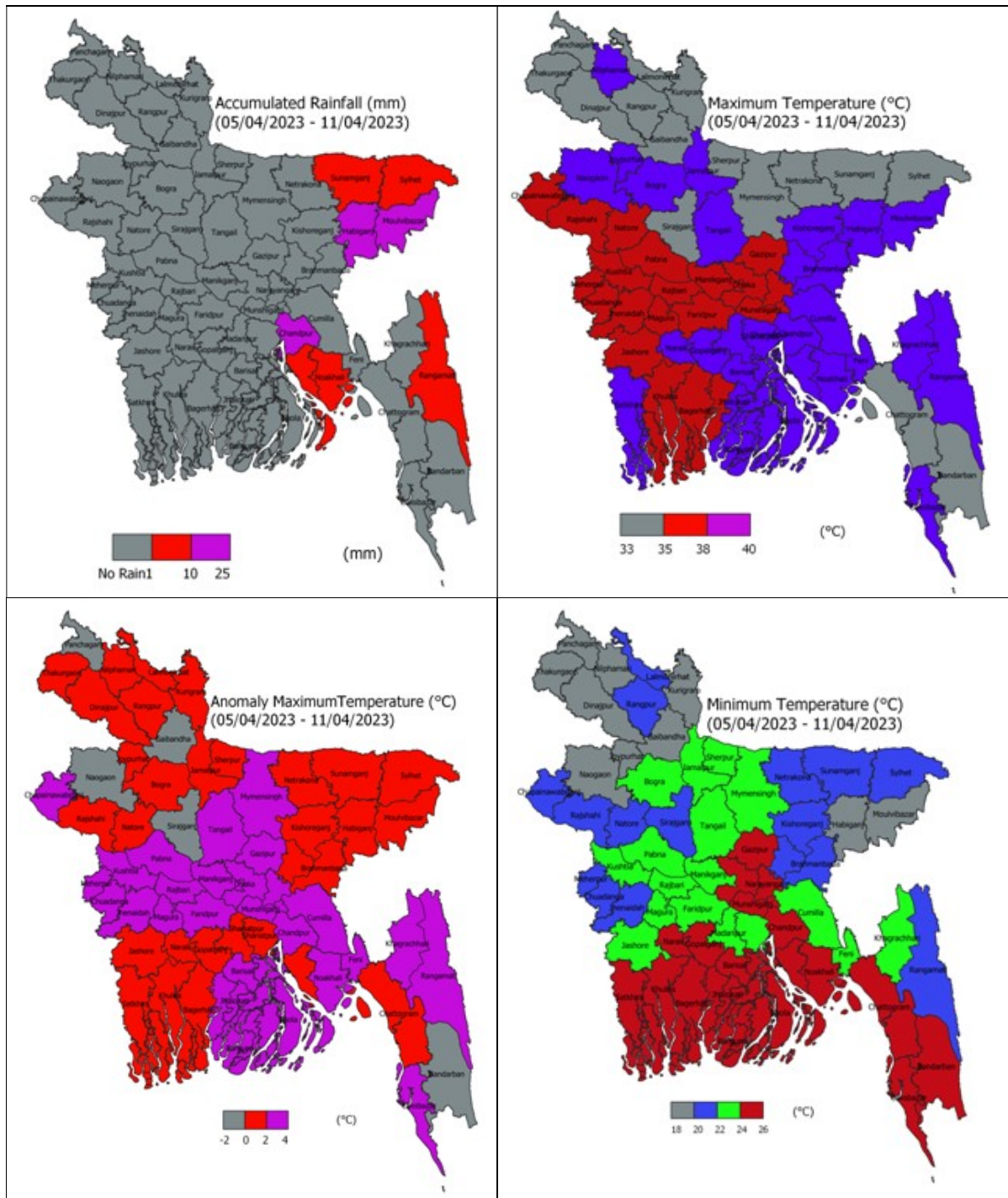
Weather Forecast Valid for 24 Hours commencing 06 PM Today:

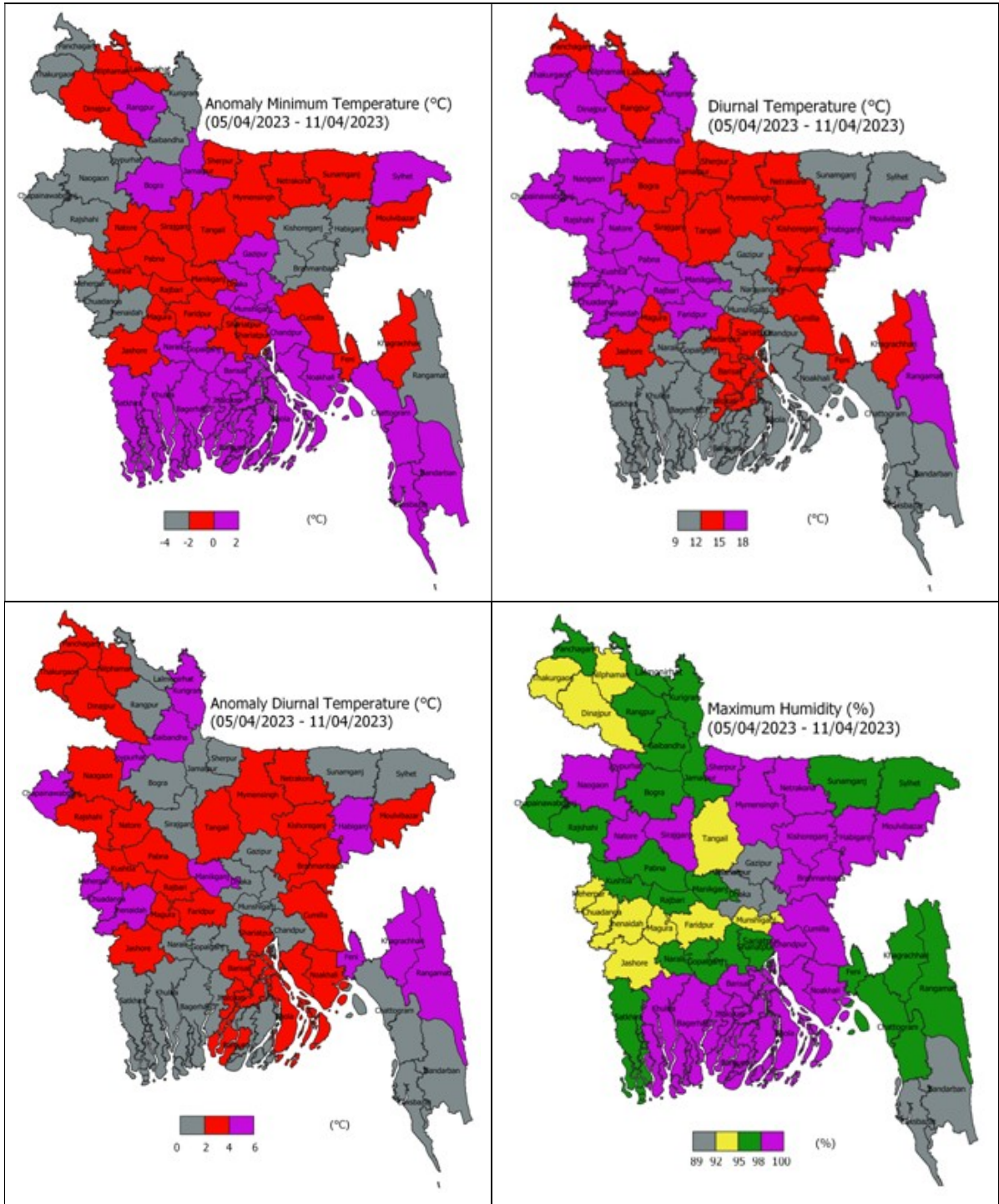
Forecast: Weather may remain dry with temporary partly cloudy sky over the country.

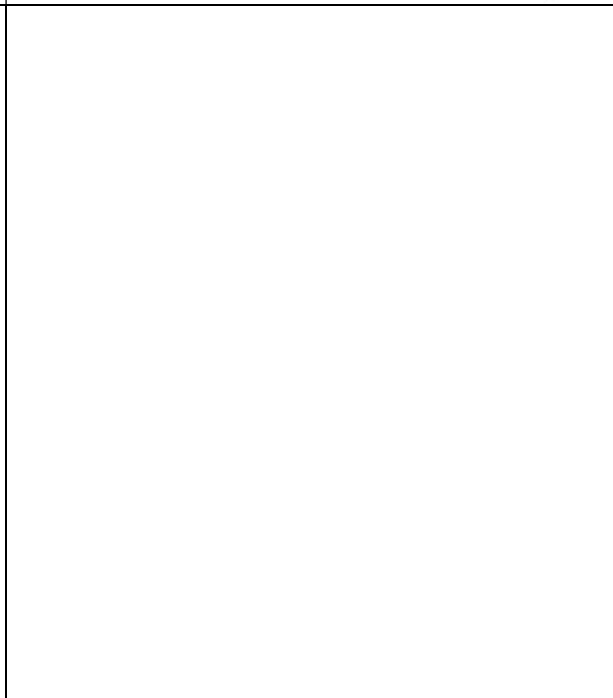
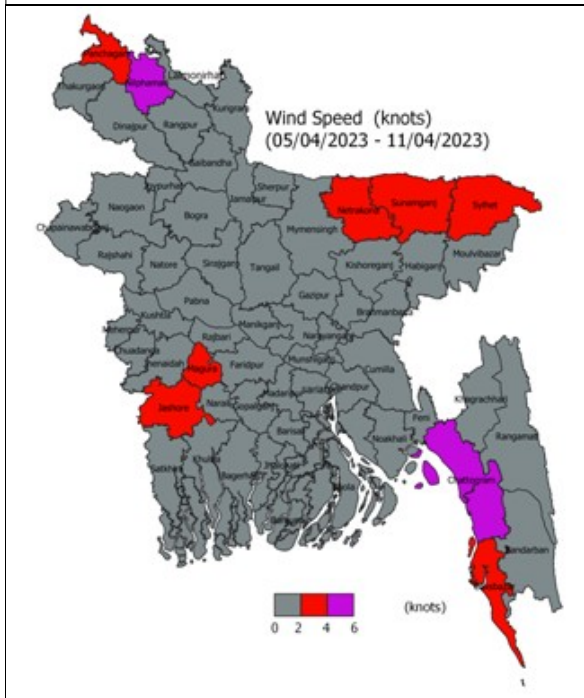
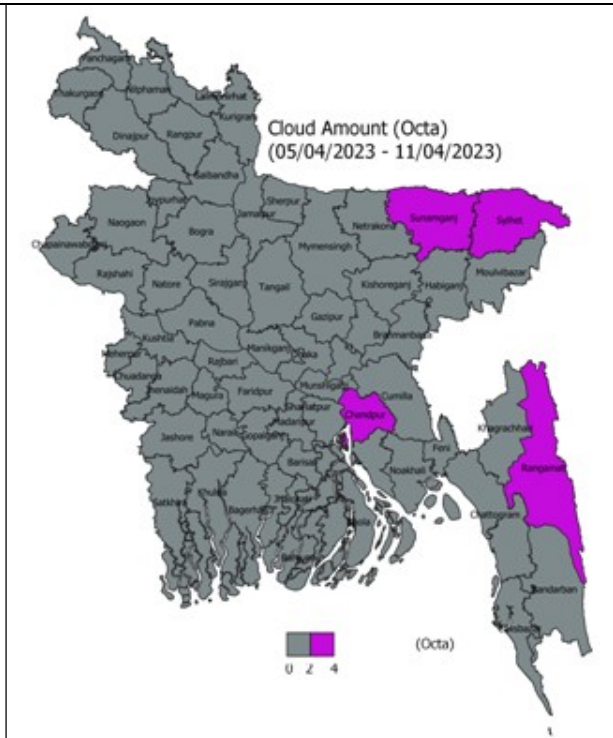
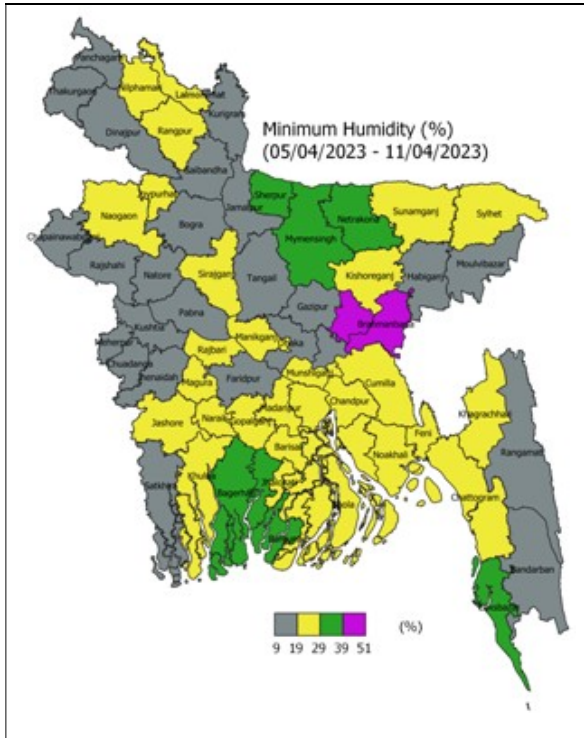
Heat Wave: Mild to moderate heat wave is sweeping over Rajshahi, Dhaka, Khulna, Barishal, Chattogram & Sylhet divisions and the district of Nilphamari and it may continue.

Temperature: Day and night temperature may remain nearly unchanged over the country.

Spatial Distribution of weather parameters for the Week ending on 11 April 2023





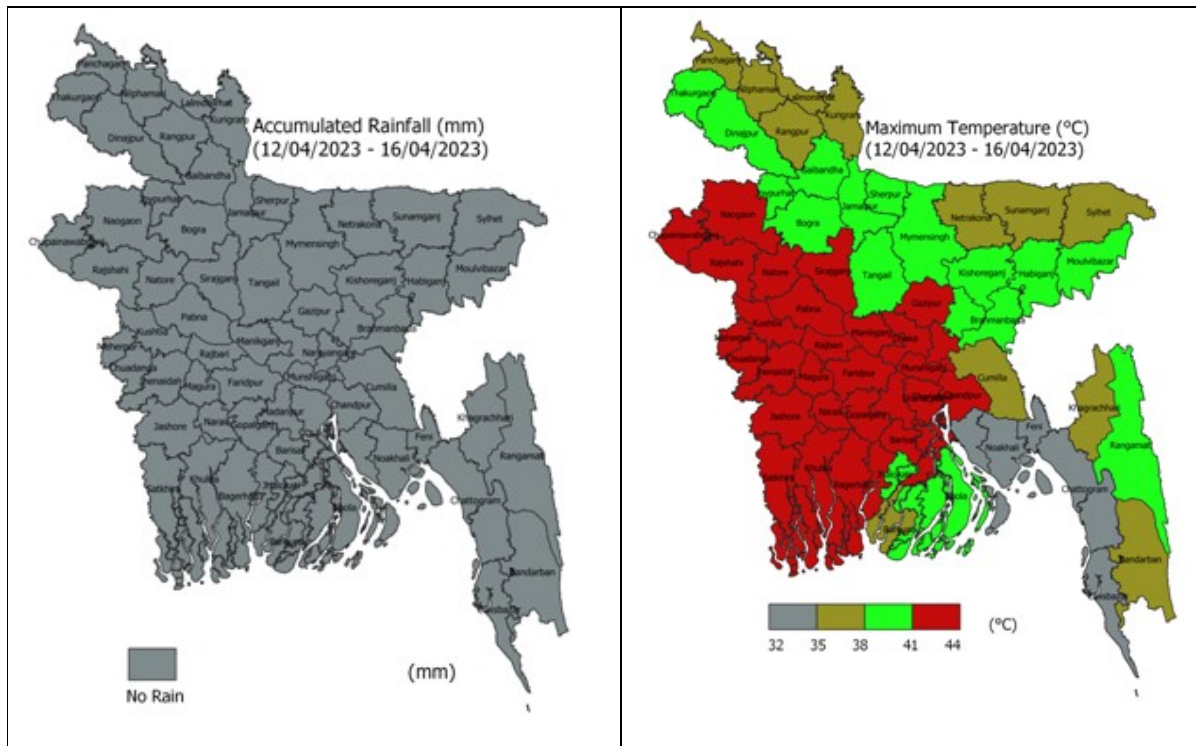


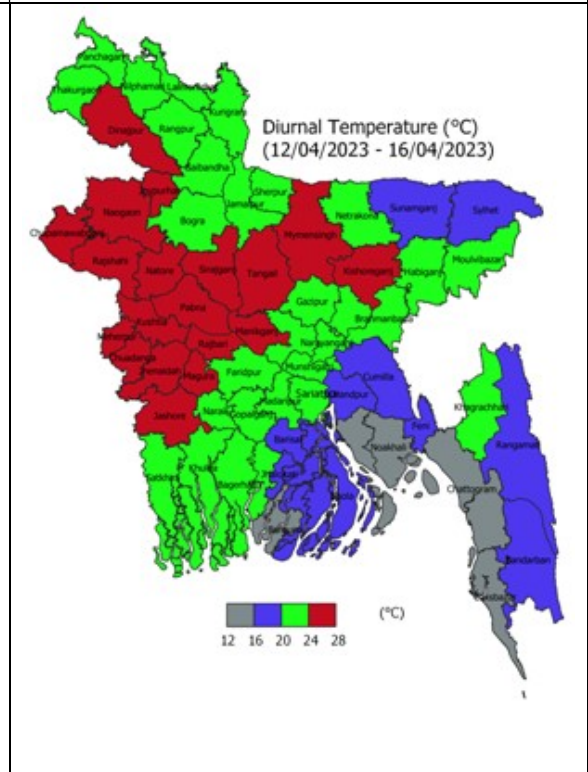
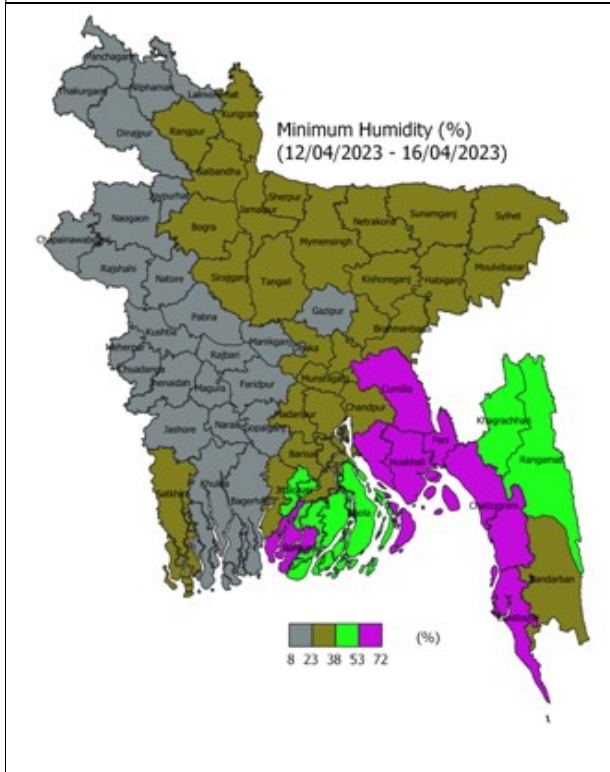
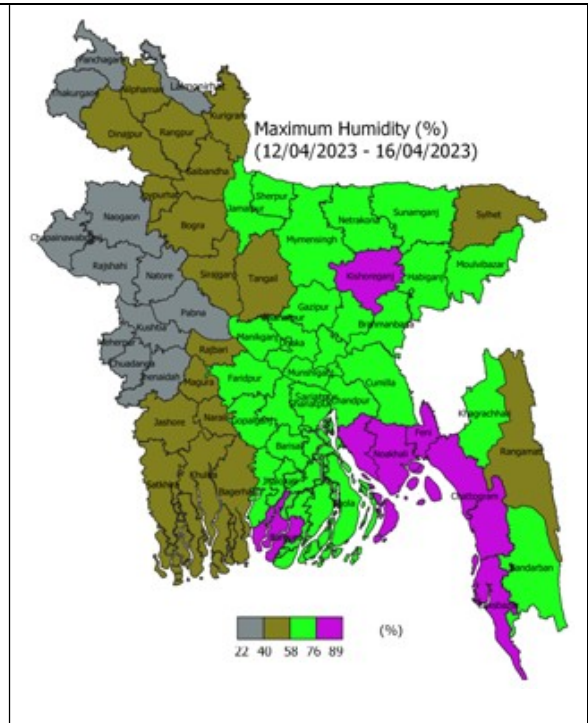
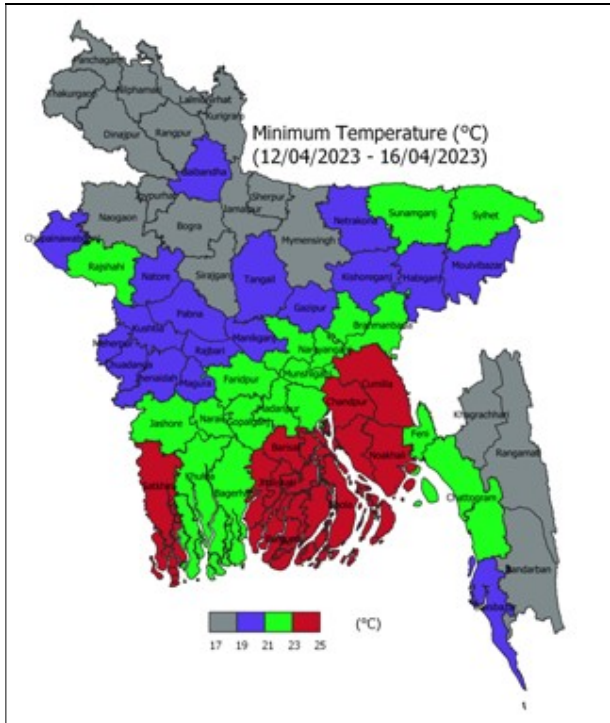
Weather Forecast and Advisory for the Period of 09.04.2023 to 15.04.2023

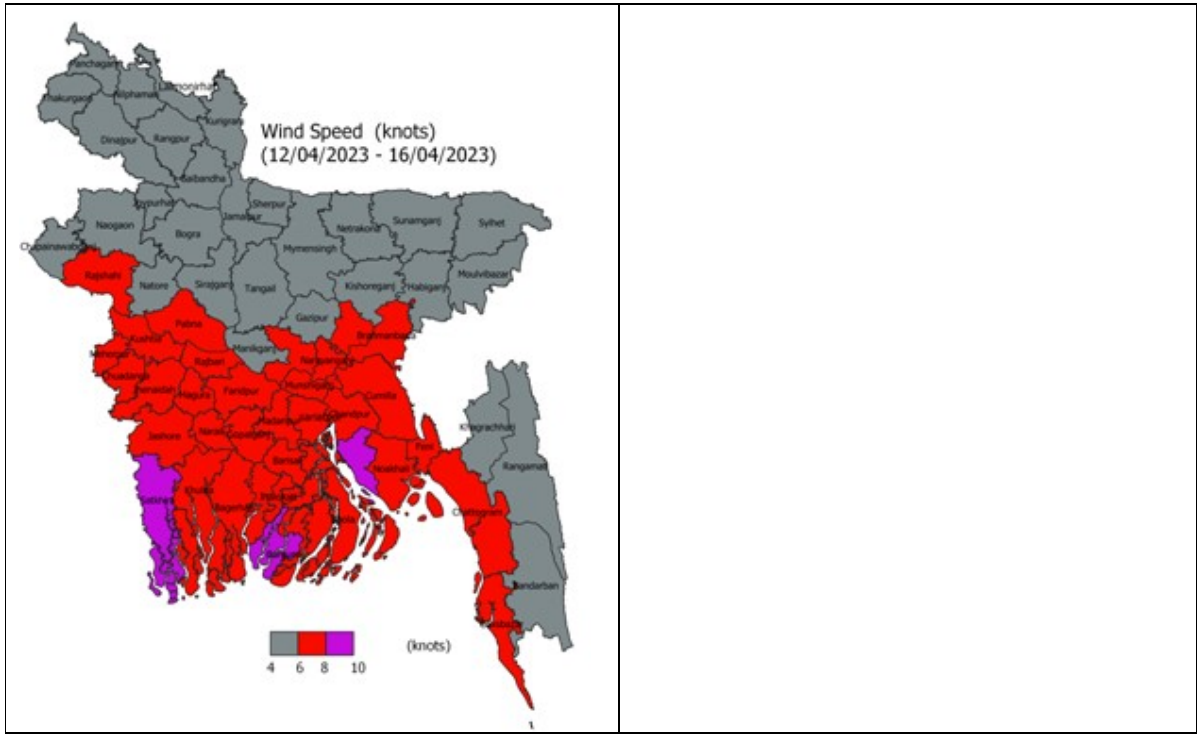
Bright sunshine hour is likely to be from 6.00 to 8.00 hours per day during this week. Average free water loss is likely to be from 3.00 to 5.00 mm per day during this week.

- Weather may remain mainly dry with temporary partly cloudy sky over the country during this period.
- Day and night temperature may rise gradually over the country during this period.
- Mild to moderate heat wave may sweep at most places over Dhaka, Khulna, Barishal, Chattogram, Rajshahi & Sylhet divisions during this period.

District Wise Quantitative Weather Forecast for next Five days from 12 April- 16 April 2023





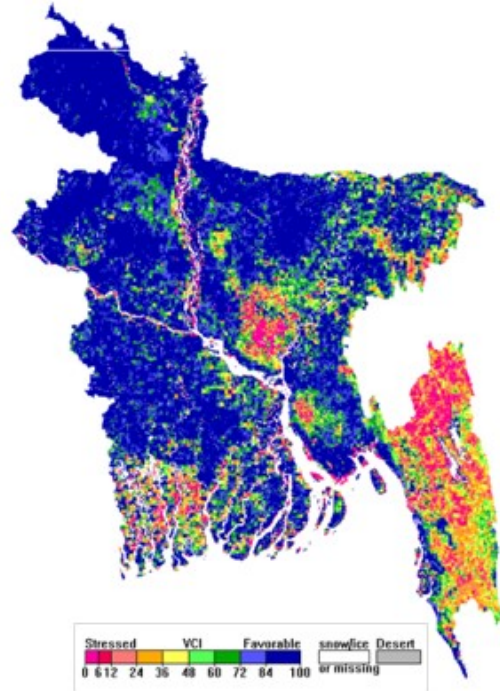


Different Satellite Products over Bangladesh

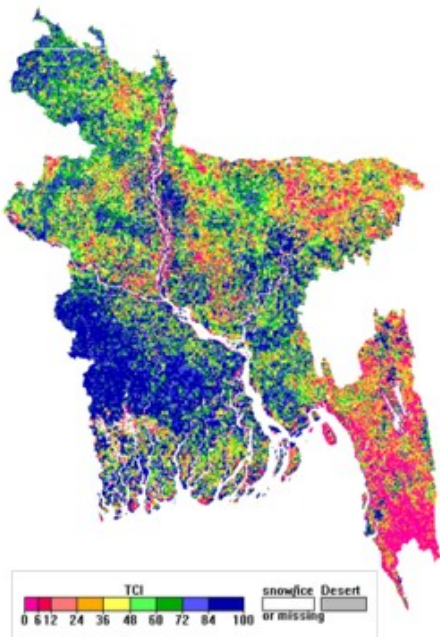
NOAA/VIIRS BLENDED NDVI composite for the week No. 14 (02 April-08 April) over Agricultural regions of Bangladesh



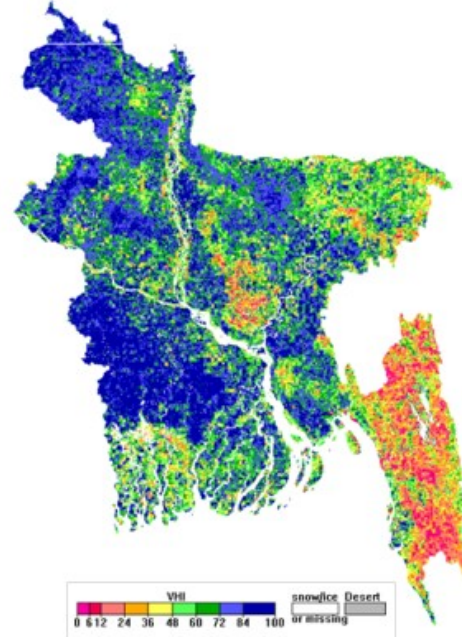
NOAA/ AVHRR BLENDED VCI composite for the week No. 14 (02 April-08 April) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 14 (02 April-08 April) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 14 (02 April-08 April) over Agricultural regions of Bangladesh



Agromet Advisories

According to the information received from the Bangladesh Meteorological Department, a mild to moderate heat wave is sweeping over most of the districts of Bangladesh and it may continue till April 18, 2023. There is no chance of rainfall during this time.

Special agromet advisory for this week:

- Maintain adequate water retention in Boro paddy field to protect paddy from heat wave damage. 2-3 inches of standing water must be kept in the paddy field till the grain hardens.
- Provide adequate irrigation at the base of the mango tree. If necessary, water can be sprayed on the branches of the tree.
- Arrange 2 to 3 irrigations in vegetable land as per requirement in next one week depending on soil type.
- Ensure mulching and irrigation to protect fruit and vegetable seedlings from heat wave damage.