



NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

02 February 2022 (WEDNESDAY)
[FOR THE PERIOD 02.02.2022 – 06.02.2022]



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.

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ISSUED BY

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

Special Agromet Advisories for CORONA virus (COVID-19) transmission in Bangladesh

Agromet Advisories

Farmers and all other farm managements are advised to follow the guidelines of Government of Bangladesh to avoid infection and social transmission of CORONA virus (COVID-19). Precautions and safety measures should be taken up to prevent the Carona virus spread. Simple measures include social distancing, maintaining personal hygiene by washing hands with soap, wearing of face mask, drink hot water, stay at home and cleaning of implements and machinery. Farmers should not work in a group; consult with a doctor in case of any symptom. Please stay at home does not visit the field until it is very necessary.

Special Agro-met bulletin for possible light to moderate rainfall from 04-05 February 2022

Issued Date: 02/02/2022

According to the medium range forecast of Bangladesh Meteorological Department, there is a chance of light to moderate rainfall **for the next 02 days (04-05 February 2022)**.

Subject to the analysis of data obtained from the Bangladesh Meteorological Department, with the approval of the Director General, Department of Agricultural Extension, the following Agromet advisories have been provided for the districts:

- Make a drain around the land of pulses and other standing crops in the field to drain out excess water.
- Drain out excess water from the potato field. Observe the field to protect against Late Blight disease. If prolonged foggy weather, apply approved pesticides.
- Wheat blast disease can occur in this weather conditions. If symptoms appear, apply approved pesticides after rainfall.
- Drain out excess water from the boro paddy field.
- Stop irrigation, fertilizer and pesticide application for 4-5 February.
- Quickly collect the mature crop standing in the field and keep it in a safe place.
- Keep cattle in a dry and clean place. To protect against pneumonia, cover dairy cows and calves with sack cloth in the morning and evening.

Realized Weather at different locations in the country

Rainfall for last 24 hours (till 06 AM on 02 February 2022) and maximum temperature on 01 February and minimum temperature on 02 February 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	25.8	14.0	Rajshahi	Rajshahi	00	26.3	09.9
	Tangail	00	25.5	11.6		Ishurdi	00	25.3	10.8
	Faridpur	00	27.0	11.7		Bogura	00	25.4	11.6
	Madaripur	00	26.5	11.8		Badalgachhi	00	24.4	10.0
	Gopalganj	00	27.0	12.4		Tarash	00	25.3	12.0
	Nikli	00	24.3	14.0					
Mymensingh	Mymensingh	00	22.7	11.5	Rangpur	Rangpur	00	23.2	11.5
	Netrokona	00	22.0	12.8		Dinajpur	00	23.0	<u>09.3</u>
						Sayedpur	00	24.1	09.8
						Tetulia	00	22.0	09.5
Chattogram	Chattogram	00	26.7	16.6	Dimla	Dimla	00	21.8	11.0
	Sandwip	00	25.7	15.4		Rajarhat	00	22.7	09.9
	Sitakunda	00	26.3	13.0					
	Rangamati	00	26.5	15.0	Khulna	Khulna	00	27.5	14.5
	Cumilla	00	25.1	15.0		Mongla	00	<u>29.0</u>	16.5
	Chandpur	00	26.5	14.5		Satkhira	00	27.4	14.2
	M.Court	00	25.5	16.2		Jashore	00	28.0	12.0
	Feni	00	26.5	16.0		Chuadanga	00	26.6	10.5
	Hatiya	00	24.7	15.9		Kumarkhali	00	25.2	13.0
	Cox's Bazar	00	27.0	17.2					
Kutubdia	00	27.1	13.0	Barishal	Barishal	00	26.7	12.6	
Teknaf	00	27.2	13.5		Patuakhali	00	27.2	14.9	
					Khepupara	00	26.0	15.6	
Sylhet	Sylhet	00	22.2	14.7		Bhola	00	26.1	14.6
	Srimangal	<u>03</u>	25.0	11.5					

Highlights:

- Country average bright sunshine hour was 4.39 hours per day during last week.
- Country average free water loss during the previous week was 1.95 mm per day.

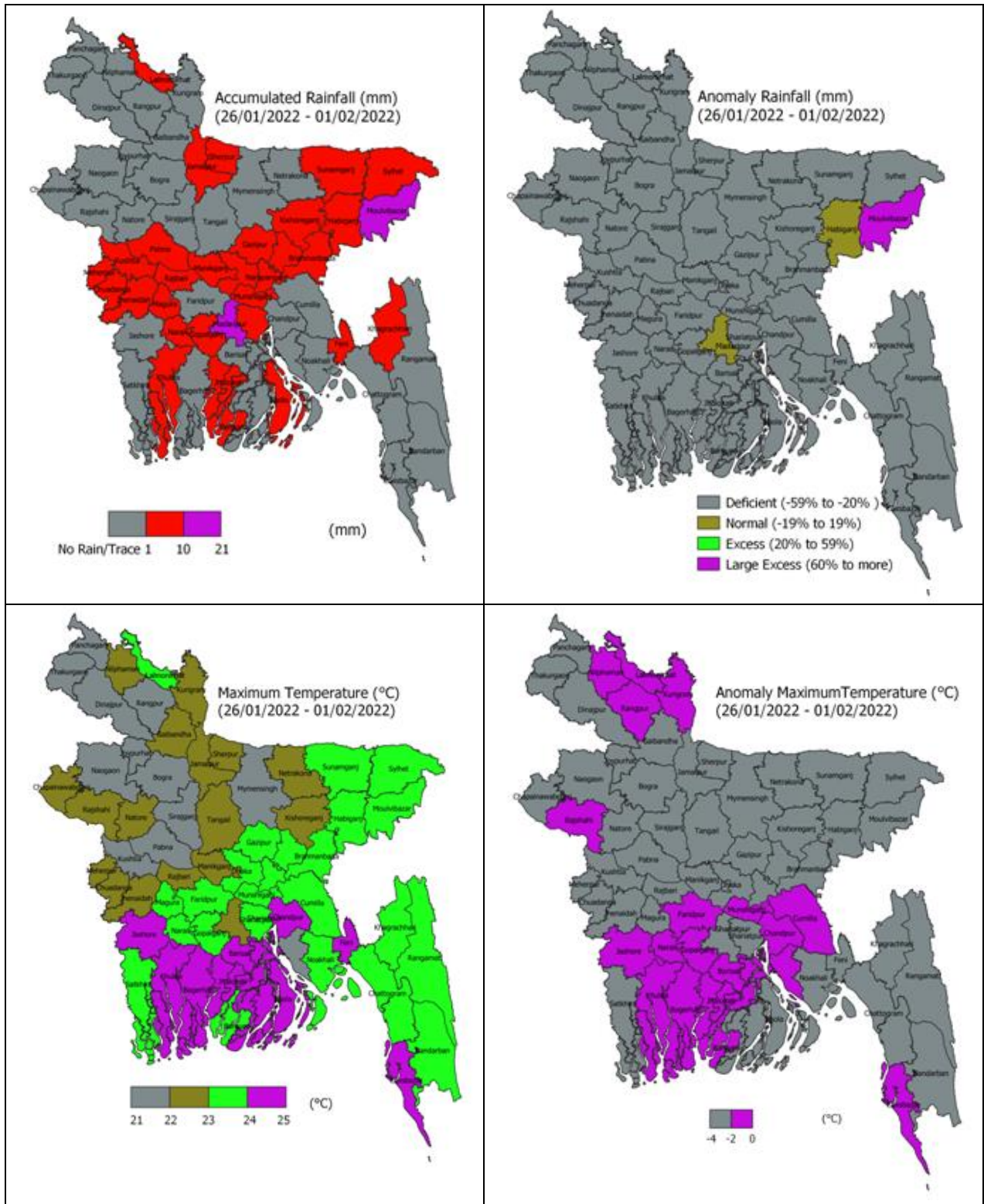
Weather Forecast Valid for 24 Hours commencing 06 PM Today:

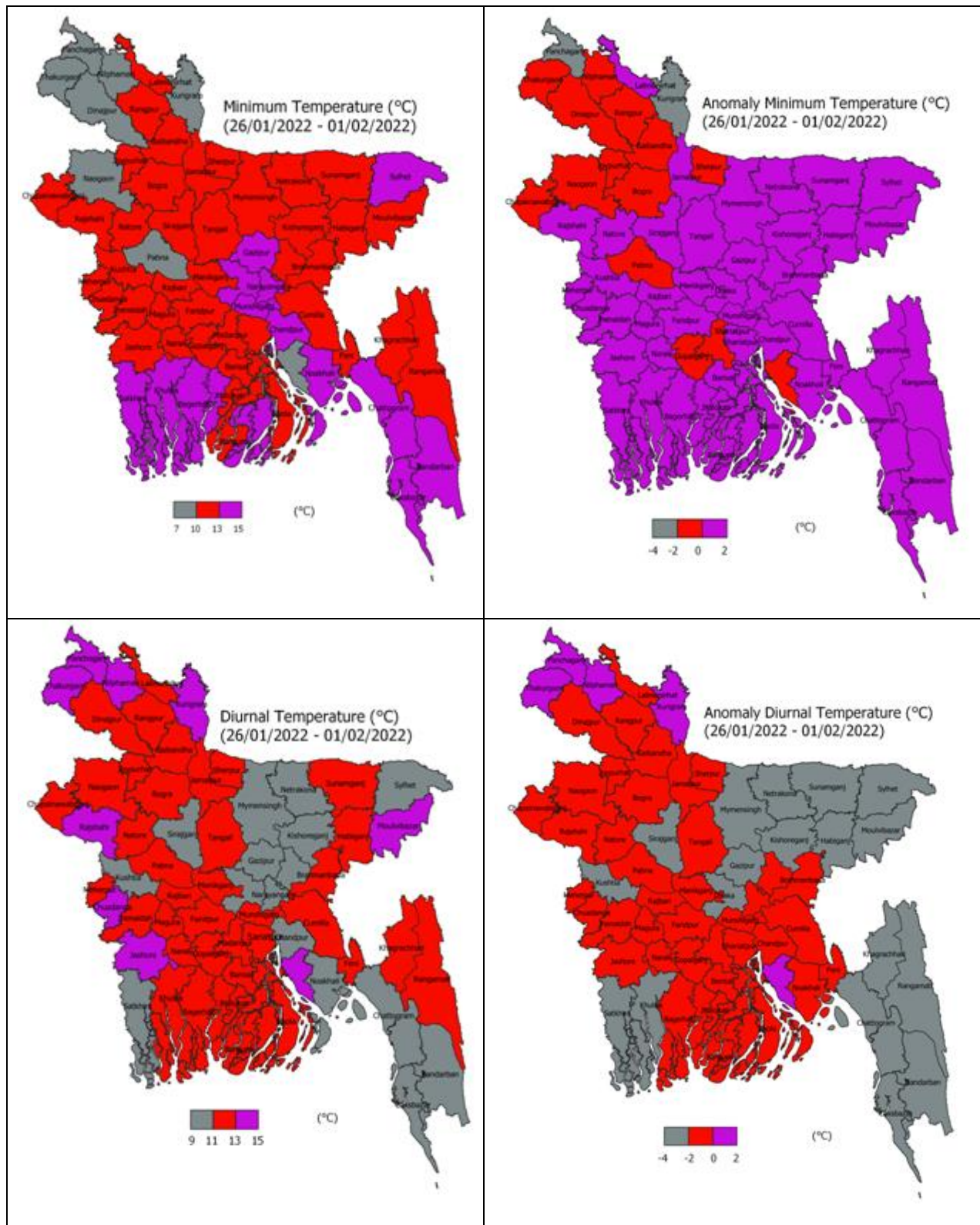
Forecast: Light rain/drizzle is likely to occur at one or two places over Chattogram & Sylhet divisions and weather may remain mainly dry with temporary partly cloudy sky elsewhere over the country. Moderate to thick fog may occur at places over the river basins and light to moderate fog may occur elsewhere over the country during midnight to morning.

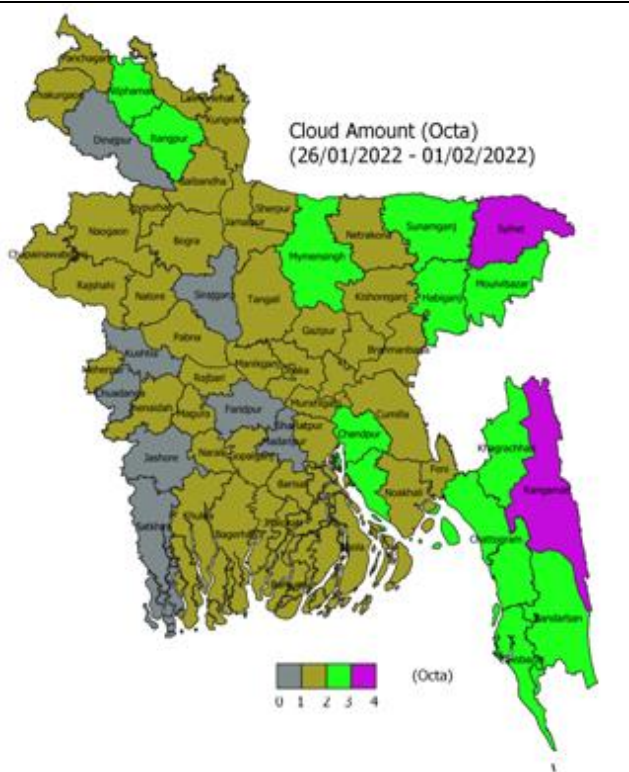
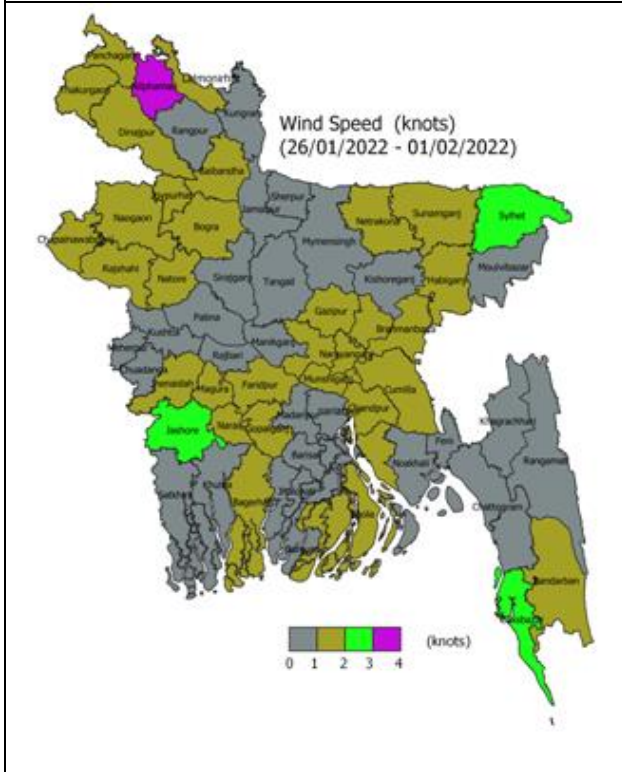
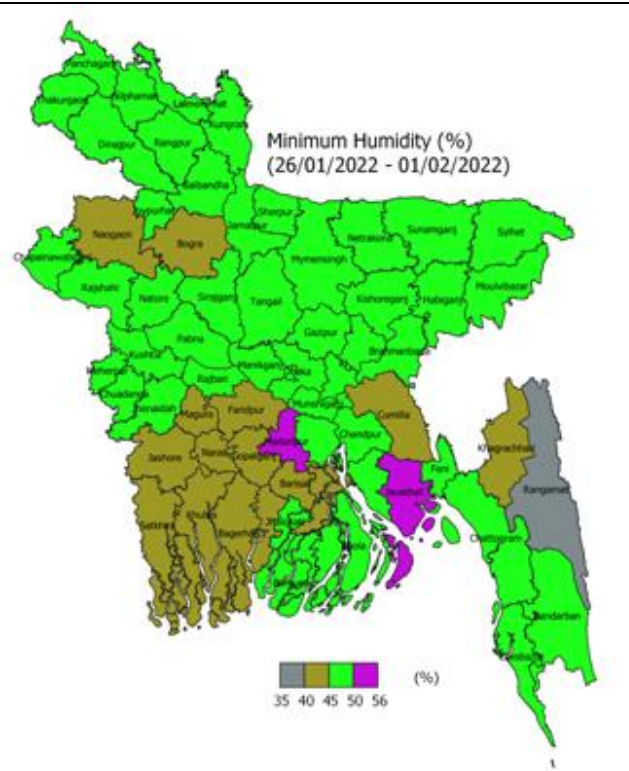
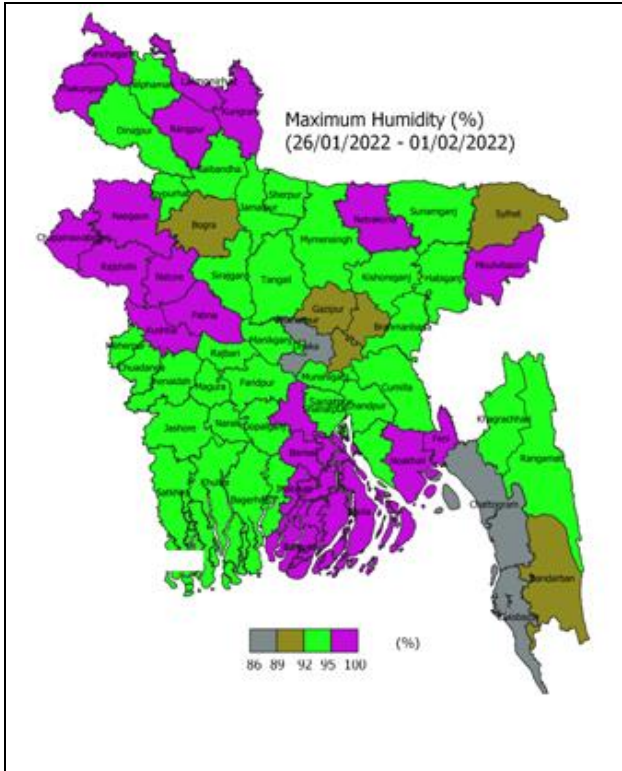
Cold Wave: Mild cold wave is sweeping over the districts of Rajshahi, Noagaon, Dinajpur, Panchagarh & Kurigram and it may abate.

Temperature: Night and day temperature may rise slightly over the country.

Spatial Distribution of weather parameters for the Week ending 01 February 2022





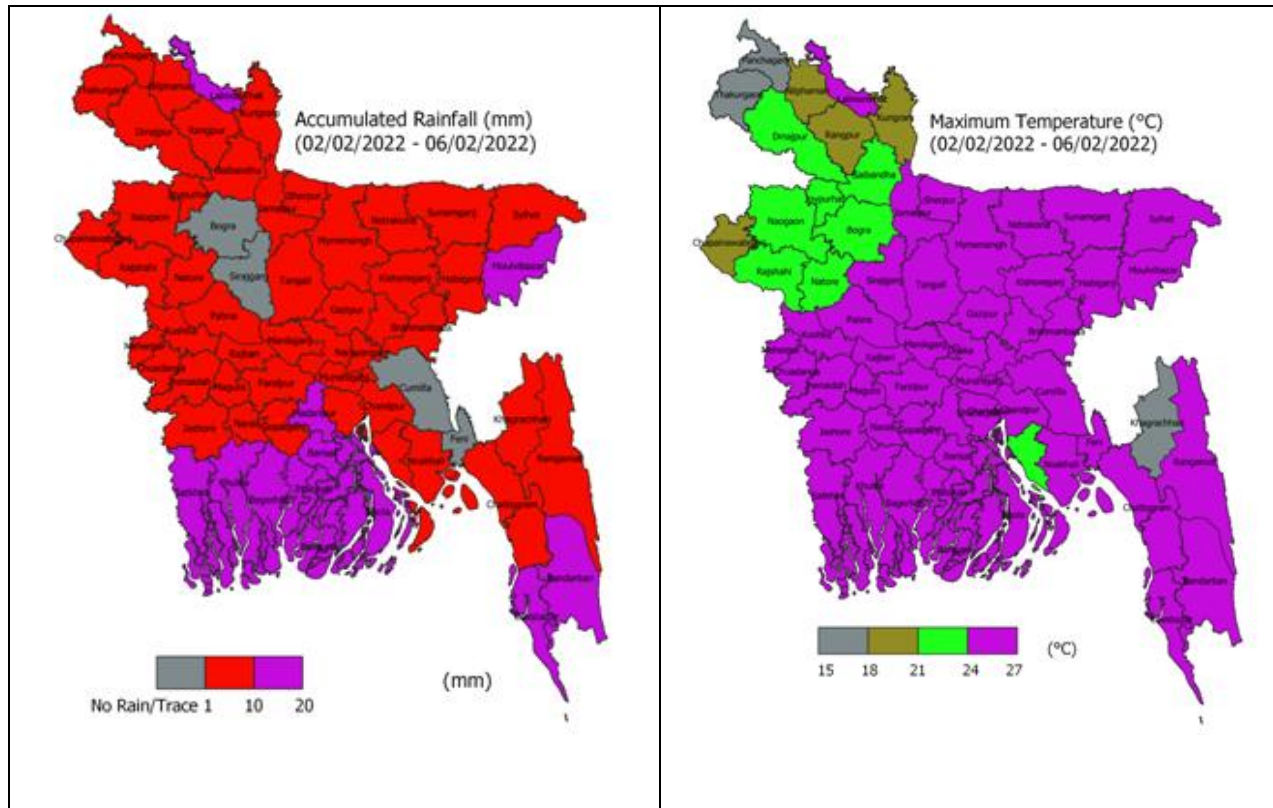


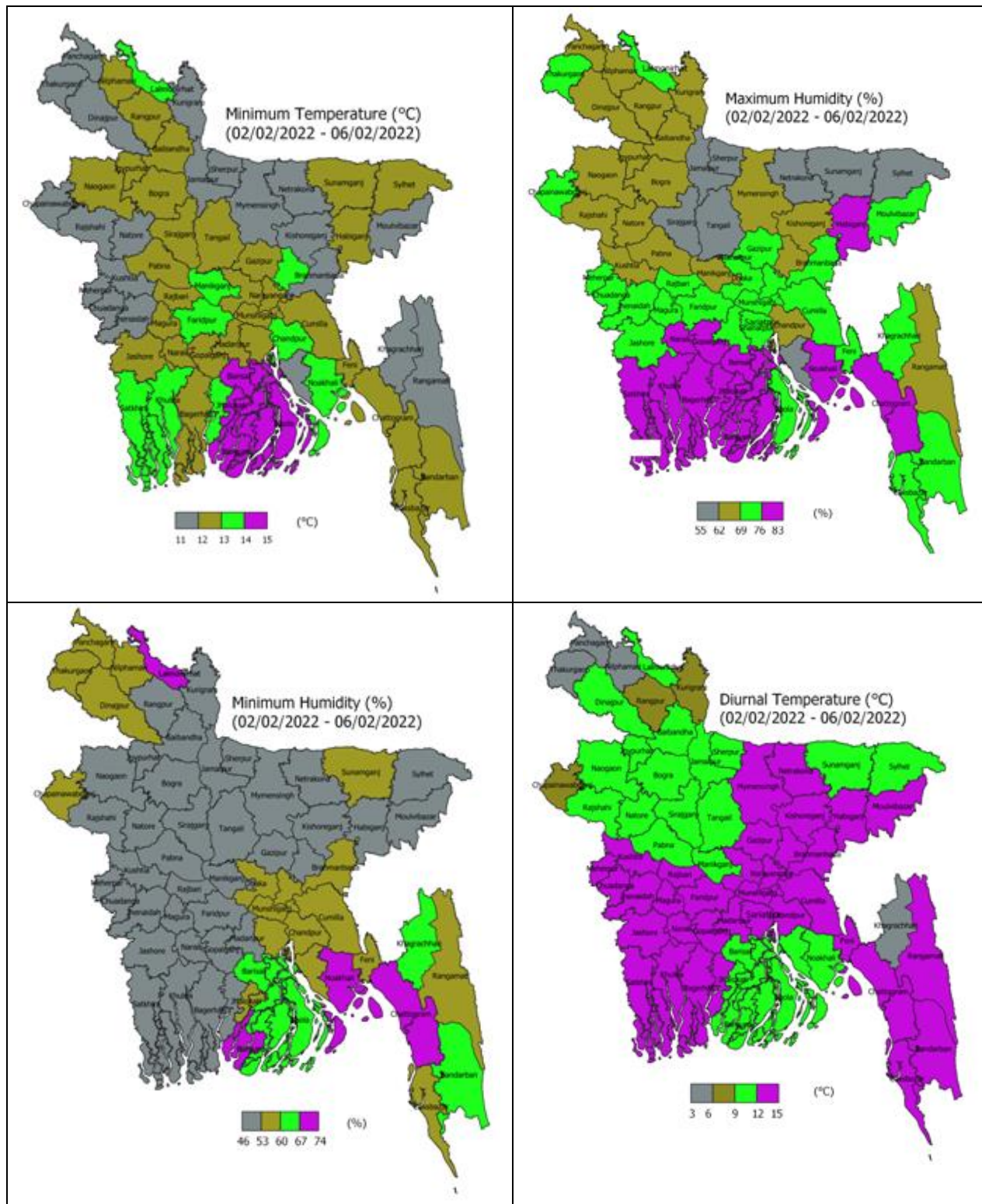
Weather Forecast and Advisory for the Period of 01.02.2022 to 07.02.2022

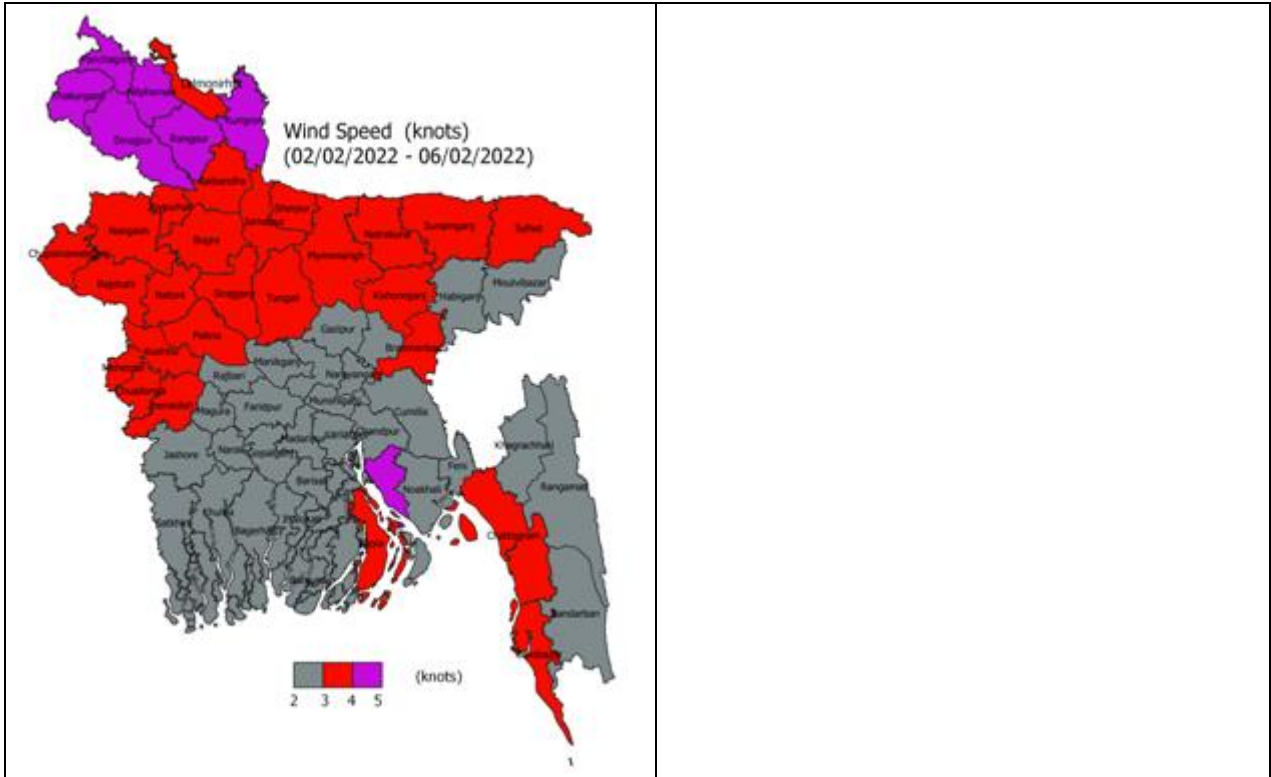
Bright sunshine hour is likely to be from 4.75 to 5.75 hours per day during this week. Average free water loss is likely to be from 2.00 to 3.00 mm per day during this week.

- Light rain (04-10 mm/d)/dizzle is likely to occur at one or two places over Khulna, Barishal, Chattogram & Sylhet divisions and weather may remain mainly dry with temporary partly cloudy sky elsewhere over the country during the 1st half period.
- Light (04-10 mm/d) to moderate (11-22 mm/d) rain is likely to occur at many places over Khulna, Barishal, Chattogram & Sylhet divisions and at a few places over Rajshahi, Rangpur, Dhaka & Mymensingh divisions during the 2nd half period.
- Light to moderate fog may occur at places over northern, western & central parts of the country during late night to morning of this period.
- Day temperature may rise slightly & night temperature may rise by 1-2°C during the 1st half period. Day temperature may fall by 1-2°C & night temperature may fall by 1-3°C over the country during the 2nd half period. Rainfall activities may decrease during the end of the period.

District Wise Quantitative Weather Forecast for next Five days from 02 Feb.-06 February 2022

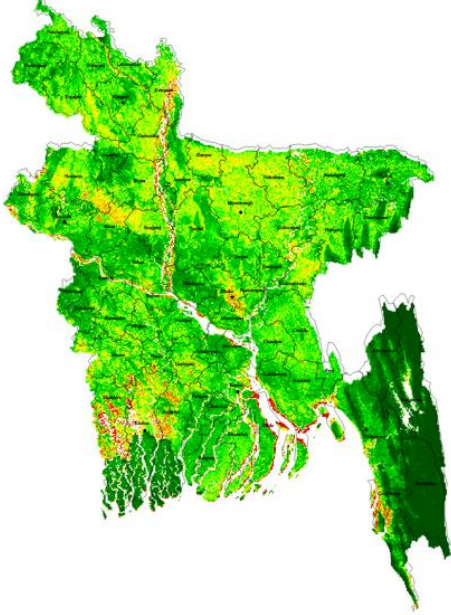




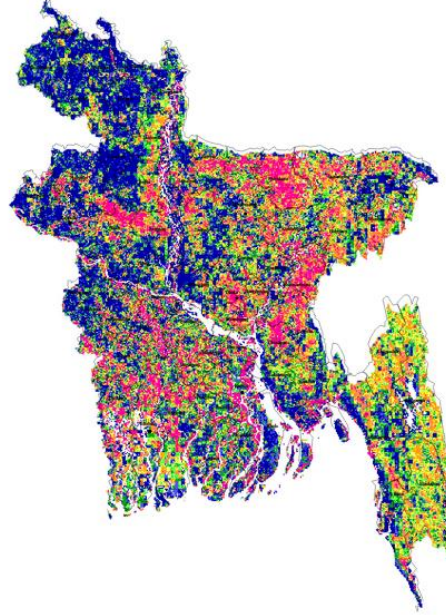


Different Satellite Products over Bangladesh

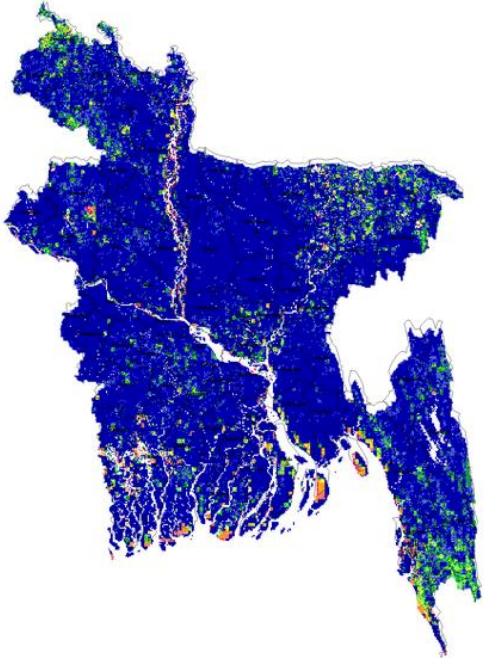
NOAA/VIIRS BLENDED NDVI composite for the week No. 4 (22 January-28 January) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VCI composite for the week No. 4 (22 January-28 January) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 4 (22 January-28 January) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 4 (22 January-28 January) over Agricultural regions of Bangladesh

