



NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

**14 December 2022 (WEDNESDAY)
[FOR THE PERIOD 14.12.2022 – 18.12.2022]**



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

Realized Weather at different locations in the country

Rainfall for last 24 hours (till 06 AM on 14 December 2022) and maximum temperature on 13 December and minimum temperature on 14 December 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	27.9	17.2	Chattogram	Chattogram	00	28.8	18.0
	Tangail	00	26.8	15.5		Sandwip	00	28.9	15.4
	Faridpur	00	27.5	14.6		Sitakunda	00	30.5	14.8
	Madaripur	00	27.0	15.0		Rangamati	00	28.0	15.5
	Gopalganj	00	28.0	15.6		Cumilla	00	28.5	14.0
	Nikli	00	26.7	15.2		Chandpur	00	28.9	17.0
						M.Court	00	27.2	17.0
Rajshahi	Rajshahi	00	27.5	13.6	Feni	00	28.7	14.0	
	Ishurdi	00	27.5	13.8	Hatiya	00	27.7	16.5	
	Bogura	00	26.8	15.7	Cox's Bazar	00	30.2	19.0	
	Badalgachhi	00	26.5	12.8	Kutubdia	00	29.0	17.4	
	Tarash	00	26.5	14.0	Teknaf	00	30.6	17.6	
Rangpur	Rangpur	00	27.2	14.6	Khulna	Khulna	00	29.0	17.5
	Dinajpur	00	26.6	14.0		Mongla	00	29.3	18.0
	Sayedpur	00	28.5	13.5		Satkhira	00	28.4	16.0
	Tetulia	00	26.5	12.2		Jashore	00	29.2	13.2
	Dimla	00	26.8	14.0		Chuadanga	00	28.2	13.2
	Rajarhat	00	27.0	12.7		Kumarkhali	00	27.6	15.2
Mymensingh	Mymensingh	00	27.6	14.9	Barishal	Barishal	00	28.5	15.4
	Netrokona	00	28.0	15.2		Patuakhali	00	28.3	17.5
Sylhet	Sylhet	00	28.2	17.4	Bhola	Khepupara	00	28.8	17.8
	Srimangal	00	28.2	13.5		Bhola	00	28.6	15.3

Highlights:

- Country average bright sunshine hour was 6.50 hours per day during last week.
- Country average free water loss during the previous week was 2.64 mm per day.

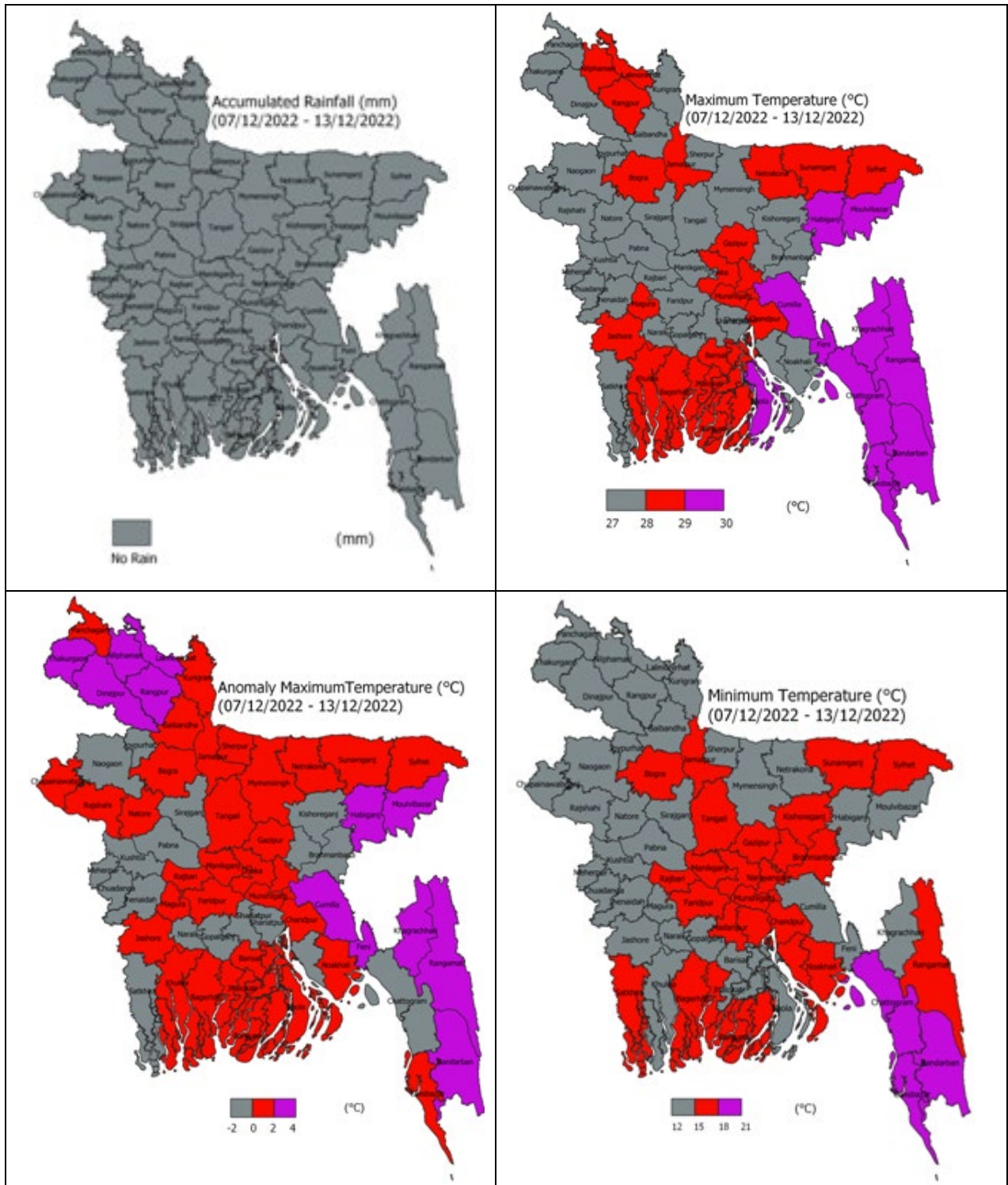
Weather Forecast Valid for 24 Hours commencing 06 PM Today:

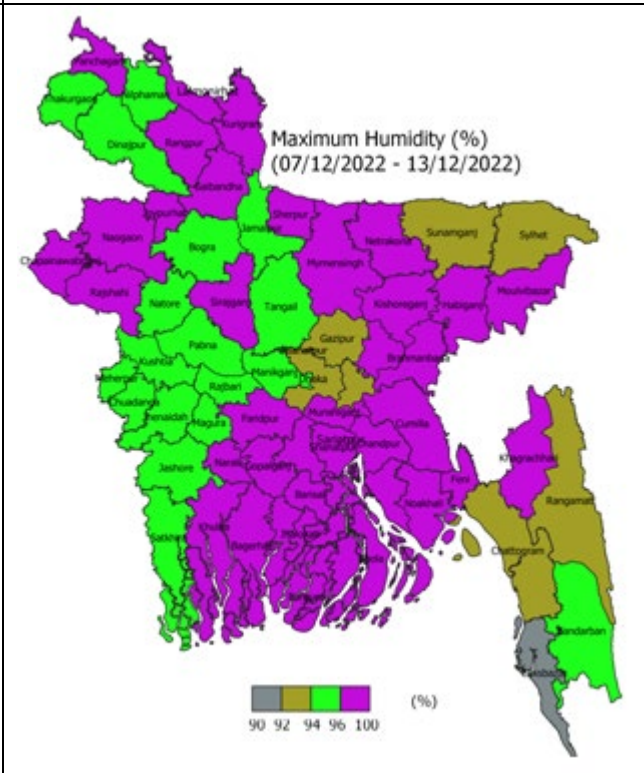
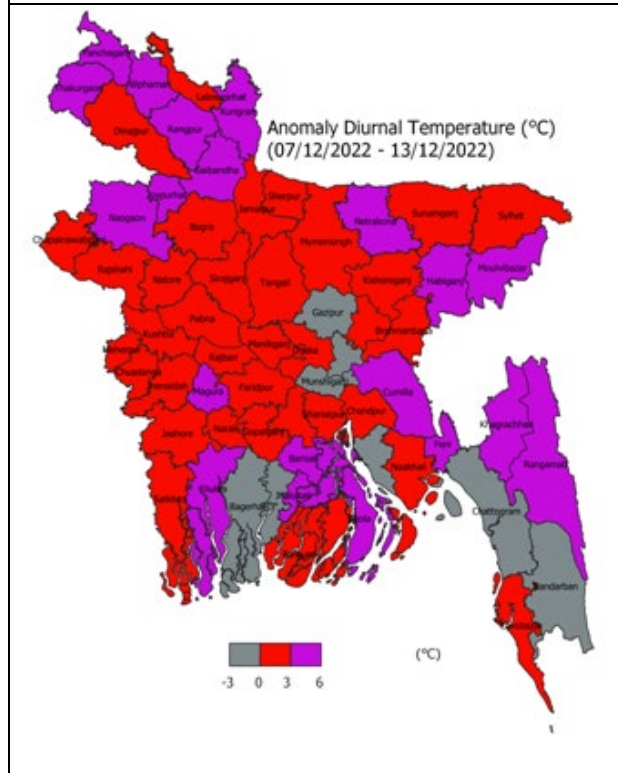
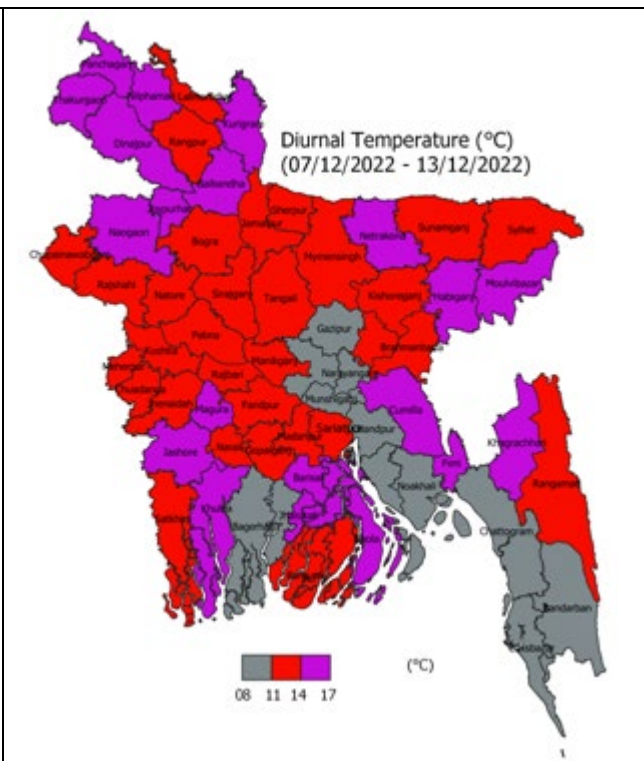
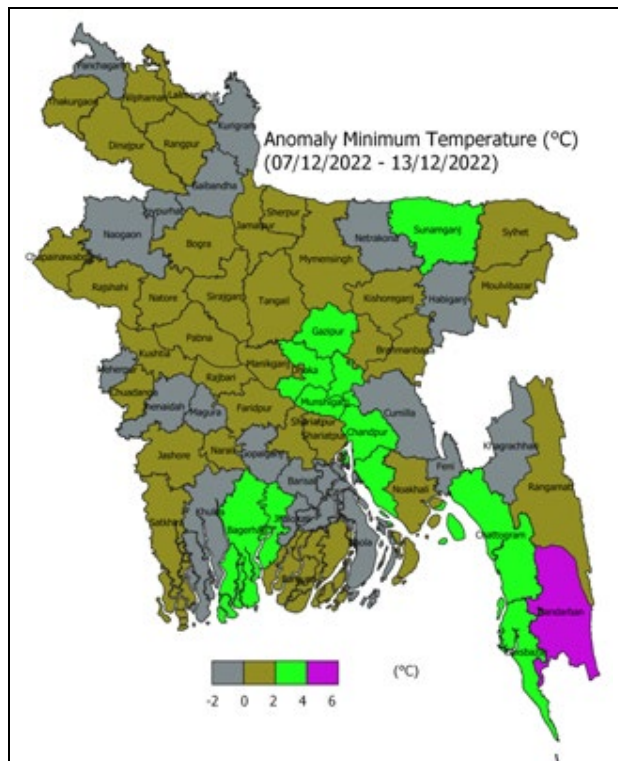
Forecast: Weather may remain dry with temporary partly cloudy sky over the country.

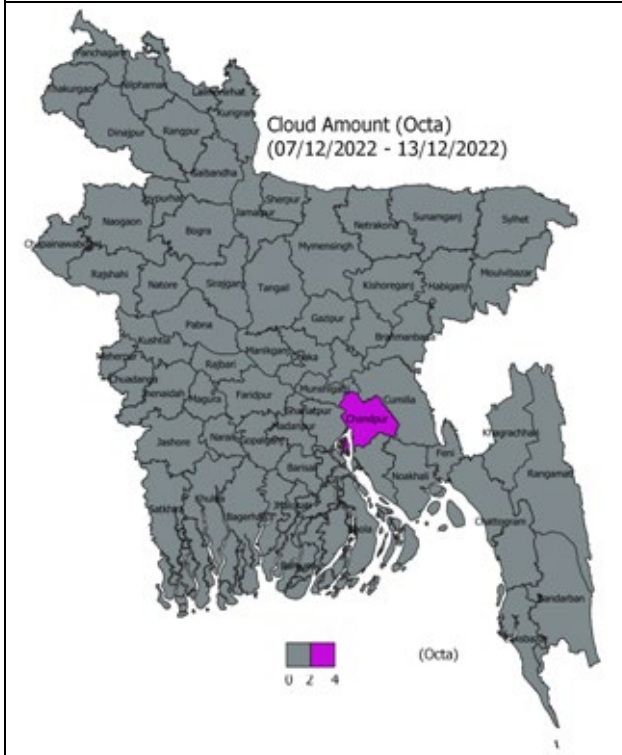
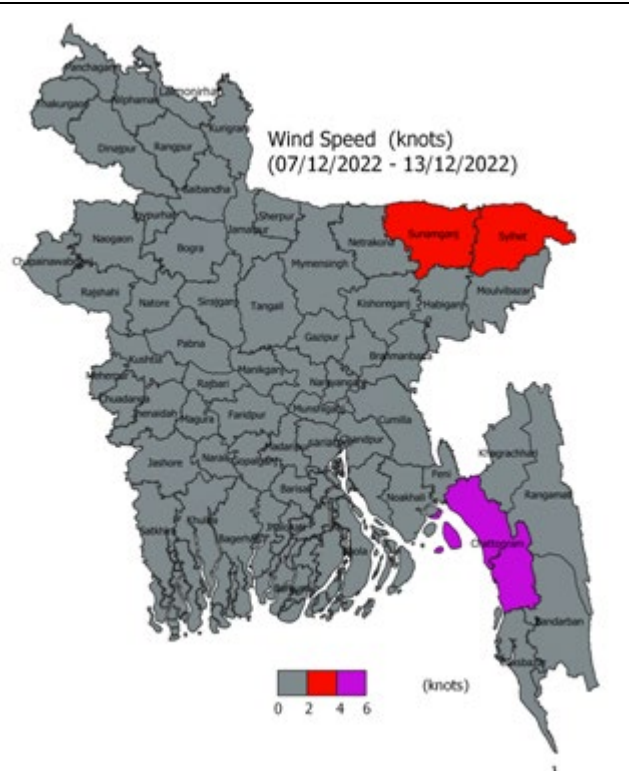
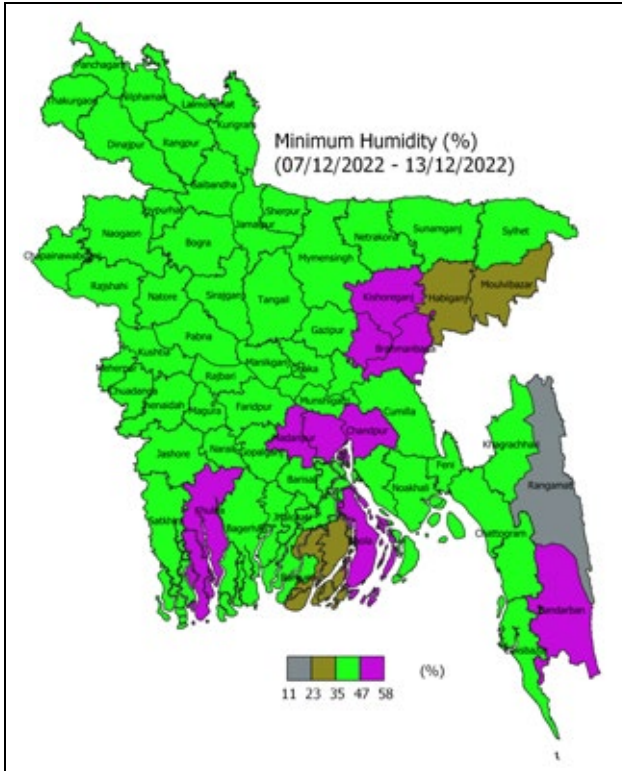
Fog: Light to moderate fog is likely to occur at places over the country during early morning.

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

Spatial Distribution of weather parameters for the Week ending 13 December 2022





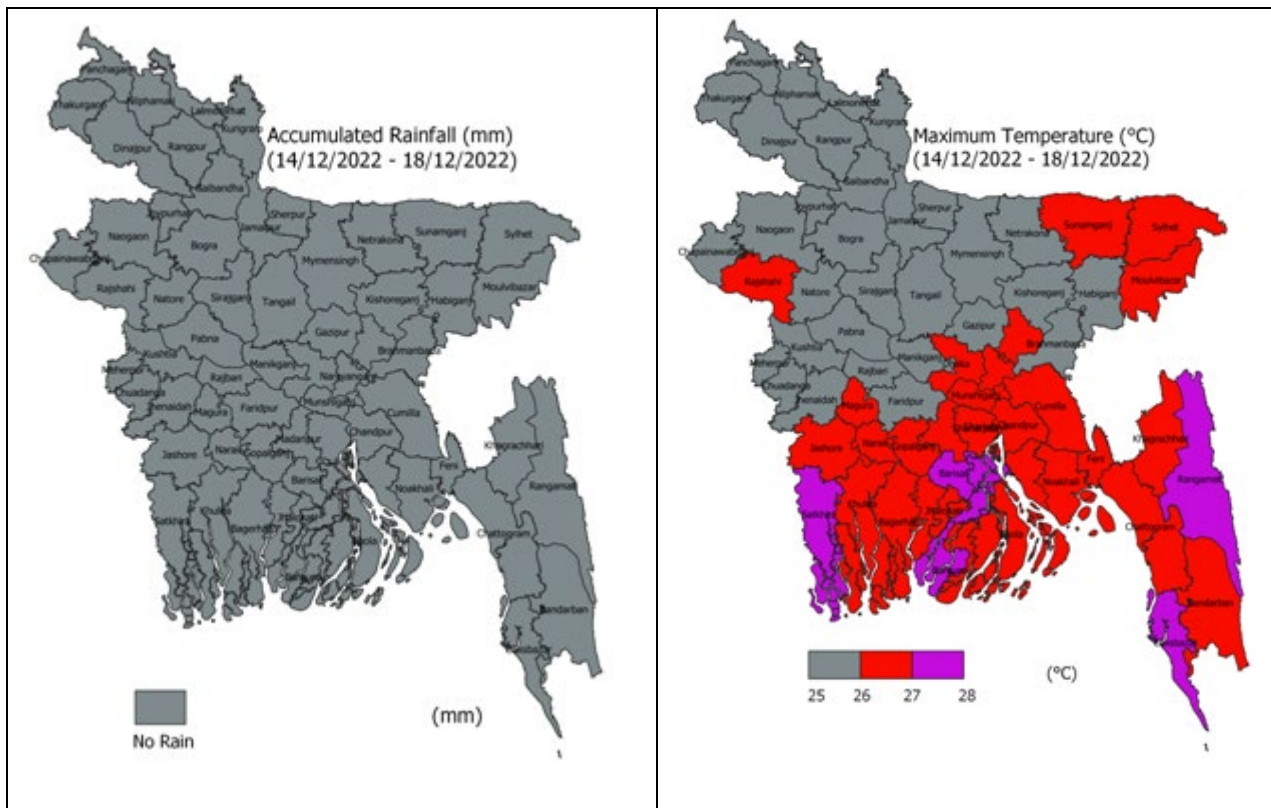


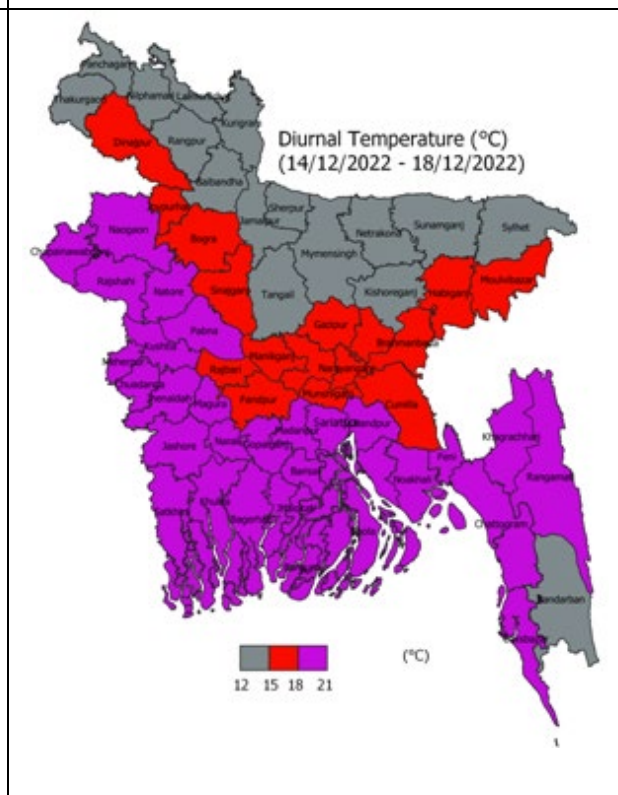
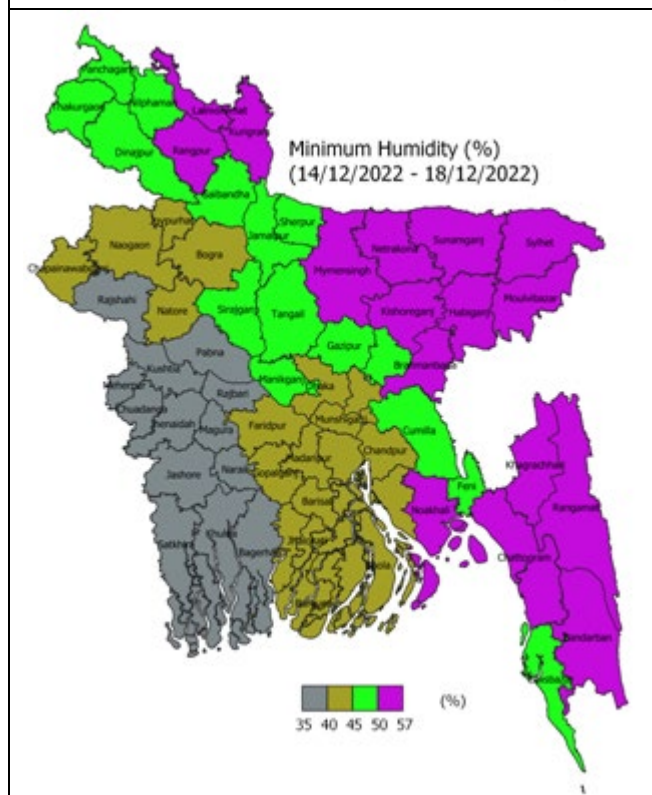
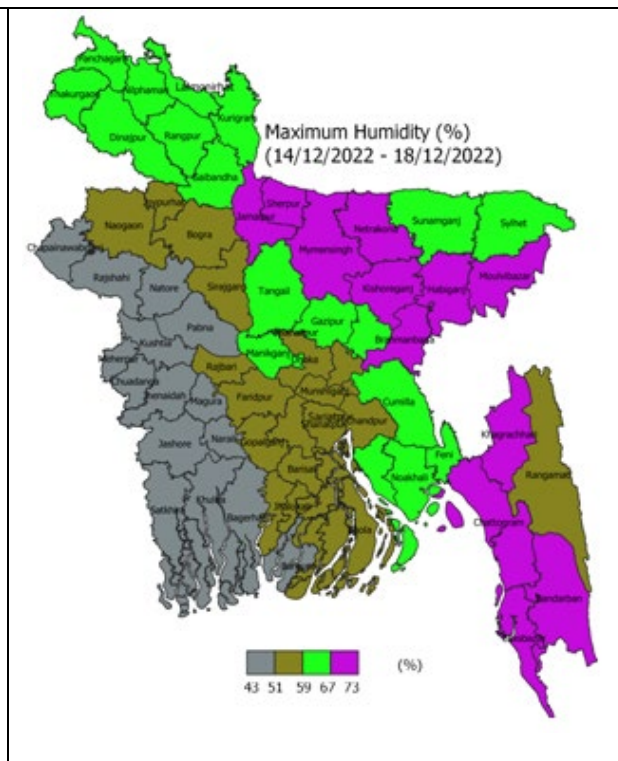
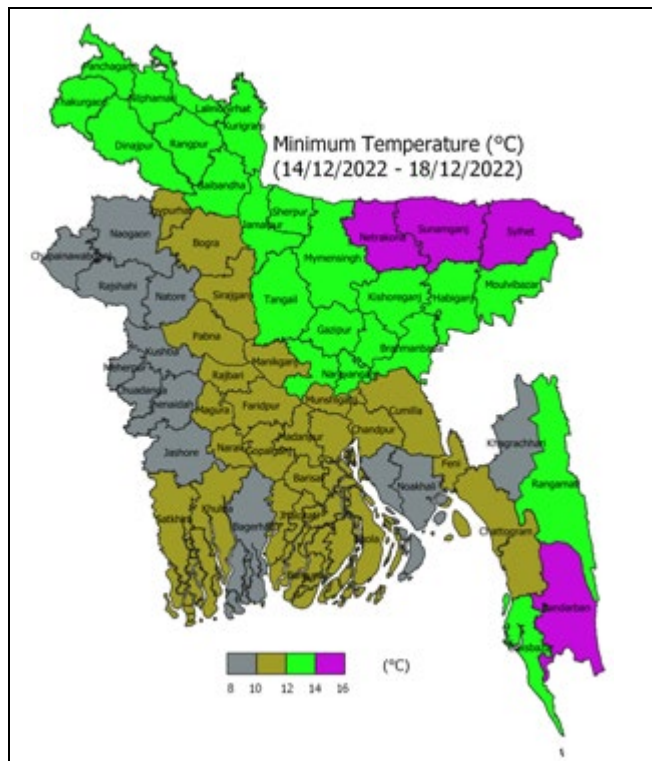
Weather Forecast and Advisory for the Period of 15.12.2022 to 21.12.2022

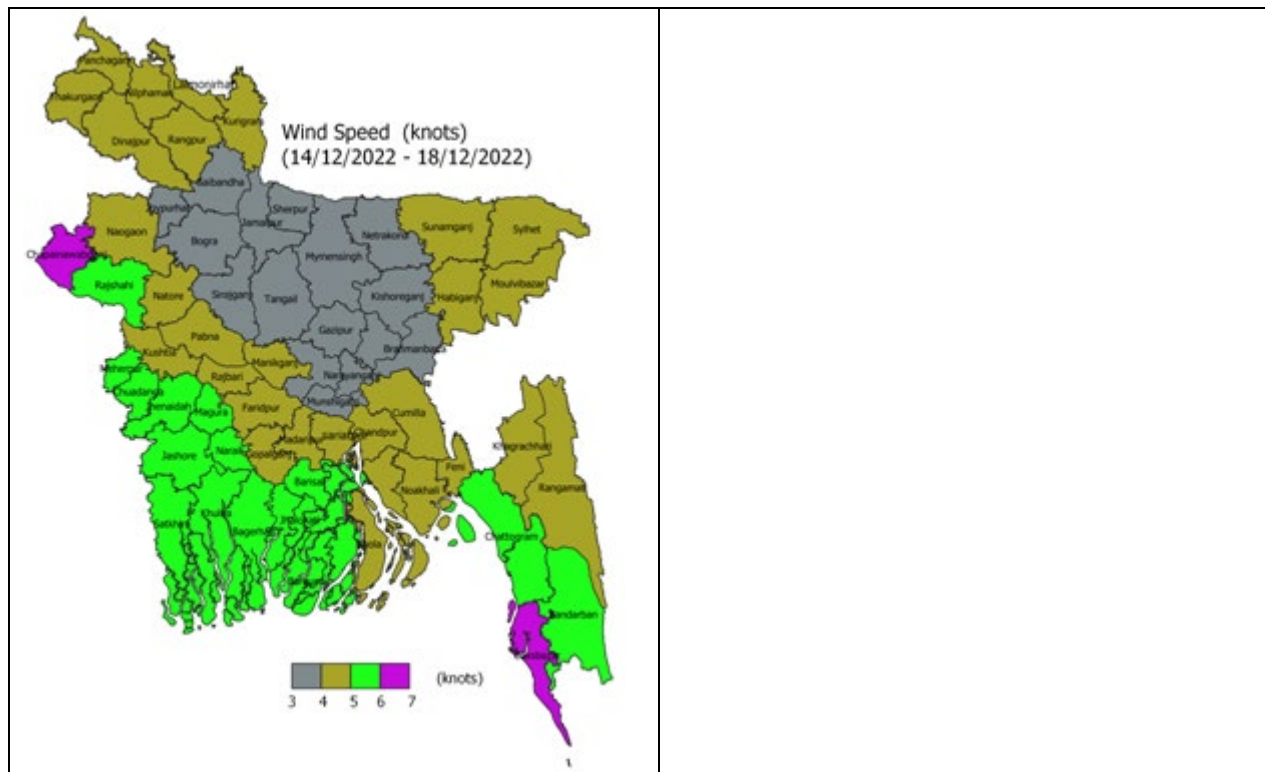
Bright sunshine hour is likely to be from 5.50 to 7.50 hours per day during this week. Average free water loss is likely to be from 2.00 to 3.00 mm per day during this week.

- Weather may remain dry with temporary partly cloudy sky over the country during this period.
- Moderate to thick fog may occur at places over northern part, river basin & adjoining area and Light to moderate fog may occur elsewhere over the country during late night till morning of this period.
- Slight fall in day & night temperature over the country during this period

District Wise Quantitative Weather Forecast for next Five days from 14 Dec.- 18 Dec. 2022

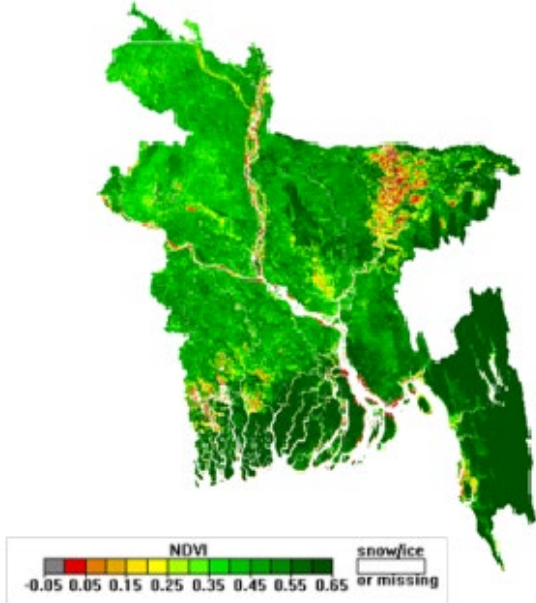




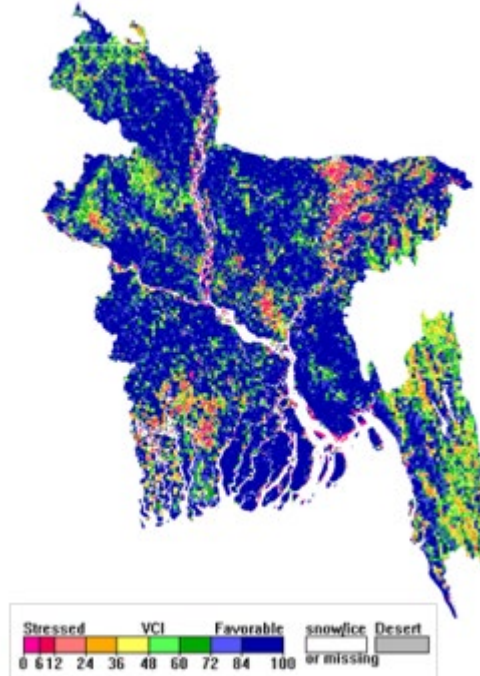


Different Satellite Products over Bangladesh

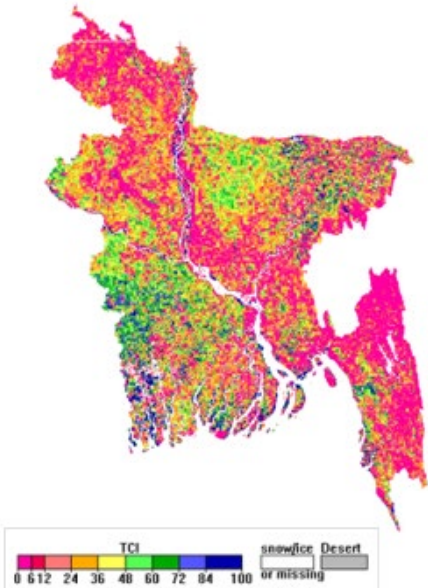
NOAA/VIIRS BLENDED NDVI composite for the week. No. 49 (03 December-08 December) over Agricultural regions of Bangladesh



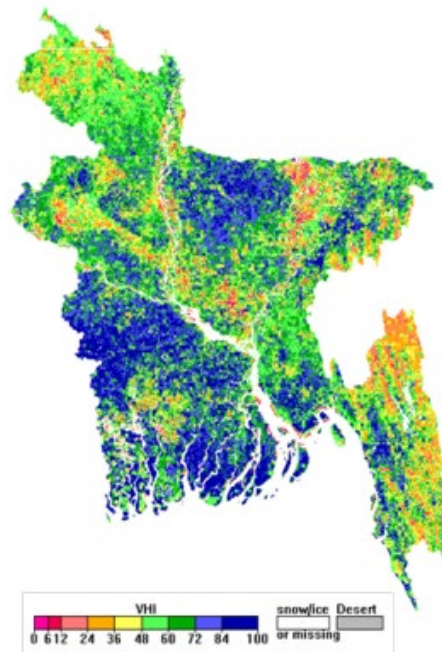
NOAA/ AVHRR BLENDED VCI composite for the week No. 49 (03 December-08 December) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 49 (03 December-08 December) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 49 (03 December-08 December) over Agricultural regions of Bangladesh



Agromet Advisories

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

Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore)

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

Stage: Seedbed

- It is advised to prepare the seedbed in high land and also make arrangements for draining out of water and also advised for community based seedbed preparation.
- Apply light Irrigation.
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighboring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat)

Wheat

Stage: Vegetative Growth

- Monitoring of termite infestation is advised in late sown wheat crop. If termite infestation is observed in the crop field, apply Chlorpyrifos group pesticide.
- If rats are noticed, arrange net to catch the same or apply zinc phosphide or laminate to control the attack of rats.
- Do thinning operations if the plants have been sown in dense condition.
- Apply light irrigation.

Rice Boro

Stage: Transplanting

- Maintain 1-2 cm land water level.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- Seedling of 35 to 45 days old may be transplanted.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
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- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighboring coconuts plants.
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- Apply Irrigation.

Mustard

Stage: Vegetative

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- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchagarh)

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

Stage: Transplanting

- Maintain 1-2 cm land water level.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- Seedling of 35 to 45 days old may be transplanted.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
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- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply Irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj)

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.

- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply Irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj)

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

Stage: Tillering

- Keep the field and irrigation channel weed free.

- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do inter-cultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply Irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.

- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban)

Rice Boro

Stage: Transplanting

- Maintain 1-2 cm land water level.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- Seedling of 35 to 45 days old may be transplanted.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do inter-cultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.

- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Barishal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola)

Wheat

- **Stage:** Germination
- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

Stage: Transplanting

- Maintain 1-2 cm land water level.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- Seedling of 35 to 45 days old may be transplanted.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply Irrigation.

Livestock

- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura)

Wheat

- **Stage:** Germination
- If symptoms of sulphur deficiency noticed in wheat crop, broadcast one quintal gypsum/acre followed by a light irrigation is advised.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Flowering

- Advice for weeding's in mustard fields.

Livestock

- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food in winter. Stop feeding if needed.
- Application of 250 grams of lime per decimal at the beginning of winter helps to get rid of fish diseases.

Faridpur Region (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj)

Wheat

Stage: Vegetative Growth

- Monitoring of termite infestation is advised in late sown wheat crop. If termite infestation is observed in the crop field, apply Chlorpyrifos group pesticide.
- If rats are noticed, arrange net to catch the same or apply zinc phosphide or laminate to control the attack of rats.
- Do thinning operations if the plants have been sown in dense condition.
- Apply light irrigation.

Rice Boro

Stage: Transplanting

- Apply 13 kg urea as first top dressing after 20-25 days after transplanting.

- Keep the field and irrigation channel weed free. Weeding should be done before application of fertilizer and mixed the same with soil. Hand weeding or weedicides may be used for weeding. Complete one hand weeding before top dressing.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Pod initiation

- Occurrence of sawfly may be seen in the mustard crops under the present environment conditions. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- The present weather condition is favorable for the incidence of powdery mildew in mustard. Spray of Carbendazim 12% + Mancozeb 62% @ 2g /litre of water is advised.
- Go for intercultural operations.
- Apply light irrigation.

Livestock

- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- 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.

Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj)

Wheat

Stage: Vegetative Growth

- Monitoring of termite infestation is advised in late sown wheat crop. If termite infestation is observed in the crop field, apply Chlorpyrifos group pesticide.
- If rats are noticed, arrange net to catch the same or apply zinc phosphide or laminate to control the attack of rats.
- Do thinning operations if the plants have been sown in dense condition.
- Apply light irrigation.

Rice Boro

Stage: Tillering

- Apply 13 kg urea as first top dressing after 20-25 days after transplanting.
- Keep the field and irrigation channel weed free. Weeding should be done before application of fertilizer and mixed the same with soil. Hand weeding or weedicides may be used for weeding. Complete one hand weeding before top dressing.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Chattogram region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni)

Rice Boro

Stage: Transplanting

- Maintain 1-2 cm land water level.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- Seedling of 35 to 45 days old may be transplanted.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

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- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Cumilla Region (Districts: Cumilla, Chandpur, Bramanbaria)

Wheat

Stage: Sowing

- Farmers are advised to sow the recommended varieties crop as present climatic conditions in respect of temperature favours ideal germination of seeds. A delay in sowing to avail the maximum advantage of cool weather leads to poor crop stands.

Rice Boro

Stage: Tillering

- Apply 13 kg urea as first top dressing after 20-25 days after transplanting.
- Keep the field and irrigation channel weed free.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
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- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Flowering

- Advice for weeding's in mustard fields.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Khulna Region (Districts: Khulna, Satkhira, Bagerhat and Narail)

Wheat

Stage: Germination

- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.

- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
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Mustard

Stage: Pod initiation

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- The present weather condition is favorable for the incidence of powdery mildew in mustard. Spray of Carbendazim 12% + Mancozeb 62% @ 2g /litre of water is advised.
- Go for intercultural operations.
- Apply light irrigation.

Livestock

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- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

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Fishery

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- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.

- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur)

Wheat

Stage: Vegetative Growth

- At this stage of crop and prevailing weather conditions, monitoring of termite infestation is advised in late sown wheat crop. If termite infestation is observed in the crop field, application of the mixture of 20kg sand with Chlorpyrifos group pesticide is suggested in the evening hour and thereafter irrigation is advised.
- If rats are noticed, arrange net to catch the same or apply zinc phosphide or laminate to control the attack of rats.
- Do thinning operations if the plants have been sown in dense condition.
- Apply irrigation

Rice Boro

Stage: Transplanting

- Maintain 1-2 cm land water level.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- Seedling of 35 to 45 days old may be transplanted.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
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- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do inter-cultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
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