



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for 24-PARAGANAS-SOUTH
District

Bidhan Chandra Krishi Viswavidyalaya
Mohanpur, Dist- Nadia, West Bengal



Agromet Advisory Bulletin

Date : 2025-05-13

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2025-05-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-14	2025-05-15	2025-05-16	2025-05-17	2025-05-18
Rainfall(mm)	2.0	2.0	8.0	18.0	10.0
Tmax(°C)	37.0	37.0	36.0	36.0	35.0
Tmin(°C)	27.0	28.0	25.0	24.0	25.0
RH-I(%)	79	82	82	82	81
RH-II(%)	42	44	47	49	48
Wind Speed(kmph)	16	16	20	19	17
Wind Direction(Degree)	214	208	202	193	186
Cloud Cover(Octa)	2	1	3	3	4
Warning	Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Light to moderate rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 16-20 km/hr and the predominant wind direction will be Southwesterly . • Maximum temperature is expected to be around 35.0-37.0 degree and minimum temperature is likely to be 25.0-28.0 degree. • Maximum and minimum relative humidity will be in the range of 79-82% and 42-49%.

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Weather Warnings (Valid Till 08:30 IST of the next day)

Hot weather is predicted on 14th May. Thunderstorm with lightning, strong wind and light to moderate rainfall warning is there from 15th to 18th May.

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Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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General Advisory:

As per extended range forecast excess rainfall was recorded from 24.4.25 to 30.4.25 and normal rainfall was recorded from 1.5.25 to 7.5.25. Based on MME forecast large deficit in rainfall is predicted from 9.5.25 to 15.5.25 and excess rainfall is predicted from 16.5.25 to 22.5.25. Based on MME forecast Tmax will be above normal in Week 1 and in week 2. For Tmin, it will show above normal in Week 1 and week 2. Special advisory for extreme heat wave condition in South Bengal □ All the farm operation should be done within 10 am and after 4 pm. □ Vegetable field and betel vine garden should be kept under irrigation. □ For preventing dropping of tender mango and cracking of litchi apply

shower of water throughout the plant i.e from base to leaves. This is mainly extreme heat wave. □ Follow flood irrigation for vegetable fields. Even after release of heat wave flood irrigation should be continued up to the final harvesting of summer vegetables. □ After irrigation , for preventing evaporation from field use mulches (common water hyacinth, straw, weed etc.) to cover the base of plants from slightly far. □ For any fertilizer application bio fertilizer must be mixed with chemical fertilizer. □ For any pesticide application , follow evening spraying where flower bloom during morning and follow morning spraying where flower bloom during evening. Hot weather is predicted on 14th May. Thunderstorm with lightning, strong wind and light to moderate rainfall warning is there from 15th to 18th May. Restrict any movement during thunderstorm and tightly bind the loft of vegetables and betel vine garden boundary for avoiding damage due to strong surface wind.

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SMS Advisory:

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Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Drying / Threshing)	Boro paddy/ green mannuring • Deep summer ploughing should be done in harvested boro paddy field to destroy eggs and pupa of insects • Take care green manuring crop like cluster bean, daincha etc after harvesting of boro paddy in order to fertilize the field and conserve moisture in soil • Prepare land by deep ploughing for cultivation of direct seeded paddy and collect the seeds from certified agency
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Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CUCUMBER (Harvesting)	Vegetables Summer vegetables: pumpkin, bittergourd, cucumber, okra -- Fruiting stage --Drying due to extreme heat wave • Apply lifesaving irrigation during evening time. • Keep the field under observation during very early morning for disease pest attack. • If borer or spodoptera attack found apply Spinosad only during evening hours.
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Live Stock Specific Advisory:

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COW	Cattle --All stages --Dehydration and loose motion • As extreme heat wave alert is there avoid the cattle for free grazing during noon and take them bath frequently. • For loose motion purify the drinking water by mixing Potassium Per Manganet @10g/1liter of water or 2% alum in the drinking water. • Don't use pond water for drinking purpose use tube well water or tap water • Feed

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	the cattle at morning and evening time • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.)
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Fisheries Specific Advisory:

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CARP	Fishery --Death due to extreme heat wave and decreasing the water level of pond • Apply coconut leaves or water hyacinths over the pond so that fishes can take shelter under the leaves during extreme hot day.
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Poultry Specific Advisory:

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CHICKEN	Poultry --Grower and layer --Effect of high temperature (Decrease the size of egg, dehydration) • Apply more water pot in the cage • Mix electrolyte with drinking water and use cold tap water only • Arrange stand fan in poultry cage. • For preventing heatwave cover the windows of farm with wet jute bag and always keep the jute bag wet during the day time only.
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Likely impacts of weather warnings (General)

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Impact based advisories (General)

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Farmers are advised to download Unified “Mausam” and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>