



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 : 2025-05-09

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2025-05-09 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-10	2025-05-11	2025-05-12	2025-05-13	2025-05-14
Rainfall(mm)	0.0	0.0	1.0	2.0	1.0
Tmax(°C)	38.0	39.0	39.0	38.0	37.0
Tmin(°C)	29.0	29.0	29.0	27.0	28.0
RH-I(%)	75	75	78	82	82
RH-II(%)	32	35	39	44	45
Wind Speed(kmph)	14	15	15	18	22
Wind Direction(Degree)	227	229	220	214	204
Cloud Cover(Octa)	2	2	3	3	3
Warning	Hot Day	Hot Day	Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Hot Day

Forecast Summary:

Light rainfall is predicted from 12th to 14th May and no rainfall is predicted in the remaining days. • Sky will be mainly clear in next 5 days . • Wind speed will be 14-22 km/hr and the predominant wind direction will be Southwesterly . • Maximum temperature is expected to be around 37.0-39.0 degree and minimum temperature is likely to be 27.0-29.0 degree. • Maximum and minimum relative humidity will be in the range of 75-82% and 32-45%.

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

Strong surface wind with thunderstorm and lightning alert is there on 13th and 14th May. Extreme hot weather is predicted from 10th to 12th May.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Complete threshing and drying of boro paddy. Restrict any farm operation and grazing of cattle during mid-day for preventing heat wave. Restrict any movement during thunderstorm for lightning

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. Strong surface wind with thunderstorm and lightning alert is there on 13th and 14th May. Extreme hot weather is predicted from 10th to 12th May. Complete threshing and drying of boro paddy. Restrict any farm operation and grazing of cattle during mid-day for preventing heat wave. Restrict any movement during thunderstorm for lightning Apply deep summer ploughing after harvesting of boro paddy. Apply irrigation in summer vegetables field and betel vine garden during afternoon hours. Complete planting of elephant footyam, ginger, turmeric etc.

SMS Advisory:

Strong surface wind with thunderstorm and lightning alert is there on 13th and 14th May. Extreme hot weather is predicted from 10th to 12th May.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Harvesting)	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

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Cattle All stages Chance of Heat stroke due to hot day • Now temperature is increasing • Feed the cattle at morning and evening time • Avoid mung mash and mustard cake in their food and supply arhar or black gram mash and sesame or linseed cake • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.) • Feed them a mixture of water (15liter)+molasses (250g)+basan (500g)+salt (50g) and sodium carbonate(50g) per cow during noon hours for avoiding high temperature • Keep the cattle indoor at afternoon hours also

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Poultry Layers Poor egg quality due to effect of high temperature • Use only cool tap water for drinking purpose • Keep less number of bird per cage • Add minerals with drinking water • Cover the window of farm with wet jute bag

Likely impacts of weather warnings (General)

Strong surface wind with thunderstorm and lightning alert is there on 13th and 14th May. Extreme hot weather is predicted from 10th to 12th May. Complete threshing and drying of boro paddy. Restrict any farm operation and grazing of cattle during mid-day for preventing heat wave. Restrict any movement during thunderstorm for lightning

Impact based advisories (General)

Strong surface wind with thunderstorm and lightning alert is there on 13th and 14th May. Extreme hot weather is predicted from 10th to 12th May. Complete threshing and drying of boro paddy. Restrict any farm operation and grazing of cattle during mid-day for preventing heat wave. Restrict any movement during thunderstorm for lightning

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>