



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 : 2025-05-20

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2025-05-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-21	2025-05-22	2025-05-23	2025-05-24	2025-05-25
Rainfall(mm)	2.0	2.0	5.0	5.0	3.0
Tmax(°C)	37.0	37.0	36.0	36.0	36.0
Tmin(°C)	28.0	28.0	28.0	28.0	28.0
RH-I(%)	82	81	80	80	80
RH-II(%)	53	48	49	53	49
Wind Speed(kmph)	14	14	11	12	10
Wind Direction(Degree)	183	198	201	206	197
Cloud Cover(Octa)	5	4	7	6	6
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

Light rainfall is predicted on next 5 days. • Sky will be mainly clear to partly cloudy in next 5 days . • Wind speed will be 10-14 km/hr and the predominant wind direction will be Southerly to Southwesterly . • Maximum temperature is expected to be around 36.0-37.0 degree and minimum temperature is likely to be 28.0 degree. • Maximum and minimum relative humidity will be in the range of 80-82% and 48-53%.

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

Thunderstorm with lightning, strong wind and light rainfall warning is there from 21st to 24th May.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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.

General Advisory:

As per extended range forecast normal rainfall was recorded from 1.5.25 to 14.5.25. Based on MME forecast excess to large excess rainfall is predicted from 16.5.25 to 29.5.25 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.

SMS Advisory:

Thunderstorm with lightning alert is there from 21st to 24th May. Restrict movement during thunderstorm and complete threshing of harvested boro paddy.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
DAINCHA (Grand growth)	green manuring • 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

Crop (Stage)	Crop Specific Advisory
	fertilize the field and conserve moisture in soil • Immediate take the grains of boro paddy from threshing floor for sun dry

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BETELVINE (Grand growth)	Betel vine Green leaf stage Chital due to hot and humid weather • Immediate repair the fencing of garden tightly • Apply Bordeaux mixture and keep proper aeration inside the garden • Apply sprinkler irrigation inside the garden

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
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.

Likely impacts of weather warnings (General)

Thunderstorm with lightning, strong wind and light rainfall warning is there from 21st to 24th 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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Impact based advisories (General)

Thunderstorm with lightning, strong wind and light rainfall warning is there from 21st to 24th 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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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>