



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for UDAMSINGH-NAGAR
District
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2025-02-25

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-02-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-26	2025-02-27	2025-02-28	2025-03-01	2025-03-02
Rainfall(mm)	0.0	0.0	5.0	8.0	1.0
Tmax(°C)	28.0	28.0	24.0	22.0	25.0
Tmin(°C)	8.0	10.0	12.0	13.0	12.0
RH-I(%)	80	80	85	85	80
RH-II(%)	50	55	65	65	60
Wind Speed(kmph)	4	5	8	9	8
Wind Direction(Degree)	330	90	30	130	130
Cloud Cover(Octa)	4	5	7	6	2
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc	No Warning

Forecast Summary:

Last seven days (18 to 24 February) observed 2.0 mm rainfall with maximum and minimum temperature varying between 22.0-27.5 and 6.6-11.9 oC, respectively. The weather was observed to be clear on most of the days during last week. The morning and evening relative humidity varied between 90-95% and 33-61%, respectively. The wind speed mostly ranged between 1.2-3.9 kmph blowing primarily from the west-south-west, south-south-west and west-south-west direction. The upcoming 5 day forecast shows very light rainfall of 1-8 mm with maximum and minimum temperature varying between 22.0-28.0oC and 8-13oC. The wind speed is expected to be 4-9 kmph from north-west-north, east, north-north-east and south-east direction. Light to moderate rain is likely to occur at few places on 27 & 28 February. Very light to light rain is likely to occur at isolated places on 1 March. Dry weather is likely to prevail on 25 & 26 February. A yellow warning has been given regarding thunderstorms, lightning, squall, etc. for 28 February.

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

A yellow warning has been given regarding thunderstorm, lightning, squall, etc. and light rainfall has also been predicted.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

May disrupt the application of pesticides, insecticides and irrigation so all the farming activities should be scheduled accordingly.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows good agricultural vigour in the region. The extended range forecast system shows excess rainfall, below normal maximum and normal minimum temperature trend during 21 to 27 February.

SMS Advisory:

Light to moderate rainfall and yellow warning has been given so all the farming activities should be scheduled accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	The crop is in flowering stage so adequate irrigation requirement of the crop should be fulfilled. On monitoring any disease or pest occurrence can be controlled with adequate biological or chemical spray. The farming activities should be scheduled as per the forecast.
LENTIL	The crop is in flowering stage so adequate irrigation requirement of the crop should be fulfilled. On monitoring any disease or pest occurrence can be controlled with adequate biological or chemical spray. The farming activities should be scheduled as per the forecast.
RAPESEED	As the pod initiation and pod filling stage is occurring, irrigation should be applied and appropriate fungicide application should be done against major diseases of the brassica species. The farming activities should be scheduled as per the forecast.
MUSTARD	As the pod initiation and pod filling stage is occurring, irrigation should be applied and appropriate fungicide application should be done against major diseases of the brassica species. The farming activities should be scheduled as per the forecast.
WHEAT	The crop should be irrigated and recommended practices for disease/pest occurrence should be followed. The farming activities should be scheduled as per the forecast.
BARLEY	The crop should be irrigated and recommended practices for disease/pest occurrence should be followed. The farming activities should be scheduled as per the forecast.
SUGARCANE	Sowing of spring sugarcane can be taken up and certified seeds should be used. The sowing operations should be taken up as per recommended varieties, seed amount, sowing method, fertilizer and weedicide application. The sowing should be scheduled as per the forecast.
FODDER MAIZE	Sowing should be done. The sowing should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO	Harvest the mature fruits and apply irrigation. The harvested produce should be stored well and sent immediately for sale. Irrigation should be scheduled as per the forecast.
CHILLI	Harvest the mature fruits and apply irrigation. The harvested produce should be stored well and sent immediately for sale. Irrigation should be scheduled as per the forecast.
BRINJAL	Transplant the seedlings and apply irrigation as per requirement. Transplanting operation and irrigation application should be scheduled as per the forecast.
FRENCH BEAN	Sowing should be done. The sowing should be scheduled as per the forecast.
LEMON	Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop. All the farming activities should be scheduled as per the forecast.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
COW	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
SHEEP	Provide additional balanced diet to female and male sheep used for breeding. Get sheep/goats vaccinated to protect them against smallpox.
GOAT	Get sheep/goats vaccinated to protect them against smallpox.

Likely impacts of weather warnings (General)

Harvested produce may spoil under predicted weather conditions . Sowing operations may be disrupted or delayed.

Impact based advisories (General)

Harvested produce should be stored well under protected area and sowing operations should be scheduled as per the forecast.

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