



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 : 2026-01-23

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-01-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-24	2026-01-25	2026-01-26	2026-01-27	2026-01-28
Rainfall(mm)	15.0	0.0	0.0	0.0	7.0
Tmax(°C)	20.0	22.0	22.0	23.0	22.0
Tmin(°C)	6.0	8.0	9.0	9.0	9.0
RH-I(%)	87	84	75	72	85
RH-II(%)	82	80	60	60	80
Wind Speed(kmph)	20	10	7	7	5
Wind Direction(Degree)	190	190	290	290	80
Cloud Cover(Octa)	5	3	2	2	5
Warning	Thunderstorms & Lightning, Squall etc; Hailstorm; Cold Day	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last seven days (16 to 22 January) observed no rainfall with maximum and minimum temperature varying between 10.5-25.0 and 2.4-6.8°C, respectively. The weather was observed to be clear on few days. The morning and evening relative humidity varied between 92-100% and 35-64%, respectively. The wind speed mostly ranged between 1.0-4.5 kmph blowing primarily from the west-south-west, east, west-north-west, west and south-south-west direction. The upcoming 5 day forecast shows light rainfall of 0-15 mm with maximum and minimum temperature varying between 20.0-23.0°C and 6-9°C. The wind speed is expected to be 5-20 kmph from south-west, west-north-west and east-north direction. Yellow warning regarding thunderstorm, lightning, squall, hailstorm and strong surface winds has been given for 23 and 27 January.

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

Yellow warning regarding occurrence of thunderstorm, lightning, squall and strong surface winds.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Lodging in crops due to strong winds. Avoid irrigating and postpone any chemical application in crops.

General Advisory:

The weather forecast and agrometeorological advisory is regularly updated 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 extended range

forecast system indicates large excess rainfall, normal maximum and below normal minimum temperature trend from 23 to 29 January.

SMS Advisory:

As per IMD strong surface winds, squalls, thunderstorm and lightning has been predicted so avoid irrigating the crop.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Vegetative)	Flowering and pod formation stage requires irrigation so it should be applied only when required.
RAPESEED (Flowering)	It should be harvested on maturity and properly dried before shredding. Any chemical application should be scheduled on dry days. Irrigation at flowering and pod formation stage should be done as required.
MUSTARD (Flowering)	It should be harvested on maturity and properly dried before shredding. Any chemical application should be scheduled on dry days. Irrigation at flowering and pod formation stage should be done as required.
WHEAT (Vegetative)	Avoid irrigating the crop and any type of chemical application should be done on dry days.
BARLEY (Vegetative)	Avoid irrigating the crop and any type of chemical application should be done on dry days.
SUGARCANE	The crop should be harvested at 16-18% brix value and appropriate farming operations should be followed in autumn sugarcane.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Nursery/ seedling)	The onion seedlings should be protected against frost and cold temperatures with proper measures having easy air and water movement.
TOMATO	Any type of chemical application should be scheduled on dry days.
CHILLI	Any type of chemical application should be scheduled on dry days.
POTATO	Any type of chemical application should be scheduled on dry days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog). The animal feed should be increased by 10% for extra energy requirement.
COW	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog). The animal feed should be increased by 10% for extra energy requirement.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.

Likely impacts of weather warnings (General)

Lodging in standing crops.

Impact based advisories (General)

Avoid irrigating the crop and any chemical application should be scheduled on dry days.

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>

