



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 : 2026-01-30

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

Parameter	2026-01-31	2026-02-01	2026-02-02	2026-02-03	2026-02-04
Rainfall(mm)	0.0	0.0	1.0	1.0	2.0
Tmax(°C)	20.0	21.0	20.0	20.0	19.0
Tmin(°C)	7.0	7.0	7.0	7.0	6.0
RH-I(%)	85	80	74	74	73
RH-II(%)	47	45	38	42	39
Wind Speed(kmph)	8	4	7	8	7
Wind Direction(Degree)	350	140	350	50	110
Cloud Cover(Octa)	2	2	4	4	4
Warning	Fog	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last seven days (23 to 29 January) observed 29.0 mm rainfall with maximum and minimum temperature varying between 19.0-21.0 and 6.0-7.0°C, respectively. Dense fog was observed last week. The morning and evening relative humidity varied between 71-100% and 48-79%, respectively. The wind speed mostly ranged between 2.0-10.2 kmph blowing primarily from the east-north-east, west-north-west and west direction. The upcoming 5 day forecast shows very light drizzle of 1-2 mm with maximum and minimum temperature varying between 19.0-21.0°C and 6-7°C. The wind speed is expected to be 4-8 kmph from north-west, south-east, west-south, north-east and east-south-east direction. Yellow alert has been issued regarding thunderstorms, lightning, squall, hailstorms and strong surface winds from 1 to 3 February while yellow alert regarding dense fog has also been given for 30 January.

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

Yellow warning regarding dense fog for 30 January and thunderstorms, lightning, squall and strong surface winds for 1 to 3 February.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact but avoid irrigating the crops if not required and any spray should be done when leaves are dry.

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 from 30 January to 5 February indicates large deficient rainfall, normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD, irrigate the crops only when required and any spray should be scheduled when the leaves are dry.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Flowering)	Irrigation application at flowering and pod formation stage should be done when required only.
LENTIL (Flowering)	Irrigation application at flowering and pod formation stage should be done when required only.
RAPESEED (Flowering)	At flowering and pod formation stage irrigation should be applied only when required. Regular monitoring of the crop should be done for pest and disease attack and any chemical application should be done on non-windy days and when leaves are dry.
MUSTARD (Flowering)	At flowering and pod formation stage irrigation should be applied only when required. Regular monitoring of the crop should be done for pest and disease attack and any chemical application should be done on non-windy days and when leaves are dry.
WHEAT (Vegetative)	The crop should be irrigated as required and the weed emergence control measures should be taken. The weedicide application should be done under clear weather conditions.
BARLEY (Vegetative)	The crop should be irrigated as required and the weed emergence control measures should be taken. The weedicide application should be done under clear weather conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Seedling Growth)	Proper protection with protection structures with proper air movement should be given to the onion seedlings .
VEGETABLE PEA	The pea crop is very sensitive to dry and cold nights so irrigation should be applied as required and regular monitoring for pest and diseases should be done. On occurrence of powdery mildew/aphid attack appropriate chemical measures should be taken.
POTATO (Tuber set)	The late blight disease of potato can be treated using Mancozeb @2.5 g/litre of water. The chemical application should be done on non-windy 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

Live Stock	Live Stock Specific Advisory
	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)

No significant impact.

Impact based advisories (General)

Irrigate the crop only when required and small seedlings should be protected using protective nets.

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/>

