



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Govind Ballabh Pant University of Agriculture & Technology**  
Udham Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

**Date: 07.01.2025**

**Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2025-01-07 (Valid Till 08:30 IST of the next 5 days)**

Parameter	08/01/2025	09/01/2025	10/01/2025	11/01/2025	12/01/2025
Rainfall(mm)	0	0	0	0	10
Max Temp(°C)	23	23	23	23	22
Min Temp(°C)	8	8	8	8	9
Max RHI (%)	60	60	60	60	70
Min RHII(%)	30	30	30	30	40
Wind speed (km/h)	2	3	3	2	2
Wind direction	320	320	320	320	140
Cloud cover	1	1	1	1	7

### Weather Summary/Alert:

Last seven days (31 December to 6 January) observed 0 mm rainfall with maximum and minimum temperature varying between 13.0-22.0 and 8.1-11.2°C, respectively. The weather was observed to be foggy with partial cloudy conditions on few days. The morning and evening relative humidity varied between 86-100% and 51-84%, respectively. The wind speed mostly ranged between 1.2-5.2 kmph blowing primarily from the west-north-west, north-west, west, south-west, east-south-east and west-south-west direction. The upcoming 5 day forecast shows 10 mm rainfall on 11 January with maximum and minimum temperature varying between 22.0-23.0°C and 8-9°C. Light to moderate rain is likely to occur at few places on 11 January. Dry weather is likely to prevail during rest of the period. A yellow warning regarding occurrence of thunderstorm accompanied with lightening is likely to occur at isolated places.

### 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 NDVI composite shows moderate agricultural vigour in the region. The extended range forecast system indicates deficient rainfall and above normal maximum-minimum temperature trend.

### SMS Advisory:

As per IMD forecast, light to moderate rainfall is expected so farming activities should be scheduled accordingly. Chemical application should be avoided under forecasted conditions.

### Crop Specific Advisory:

Crop(Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil	vegetative/flowering	Regular hoeing-weeding should be done in the crops and irrigation should be applied as required. Chemical applications against aphid attack should be avoided under predicted conditions.
Rapeseed(Lahi) /Rai/Mustard	flowering/pod formation	In case of late sown rapeseed harvesting should be done at maturity while in case of mustard (Rai) irrigation should be applied at flowering and pod formation. All the irrigation and chemical applications should be scheduled as per the forecasted conditions.
Wheat	Vegetative	In case of weed emergence in late sown crop, manual weeding and hoeing should be followed or chemical application as per recommendation should be followed along with irrigation application as per requirement. In case of zinc deficiency recommended dose of zinc sulphate spray should be scheduled for the crop and regular monitoring for diseases should be done. All applications should be scheduled as per the forecasted weather conditions.
Barley	Vegetative	The late sown crop should be monitored for weeding and hoeing and irrigation application as per requirement should be done. All farming operations should be scheduled as per the forecast.
Sugarcane	Vegetative	Ratoon and autumn sugarcane should be monitored and appropriate farming operations like water shoot cutting should be done. All farming operations should be scheduled as per the forecast.
Fodder crops	Vegetative	The crops should be harvested at appropriate time and irrigation should be applied just after harvesting. All farming operations should be scheduled as per the forecast.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Onion	Transplanting	The transplanting of onion crop should be completed in manured fields till mid January. All farming operations should be scheduled as per the forecast.
Vegetable pea	vegetative/ flowering	Regular hoeing-weeding should be done in the crops and irrigation should be applied as required. All farming operations should be scheduled as per the forecast.
Tomato/chilli	Flowering/ Fruit formation	The crop should be regularly monitored for disease transferring insects and controlled with the recommended practices. All farming operations should be scheduled as per the forecast.
Potato	Vegetative	Leftover nitrogen application should be done at 30-35 days interval when earthing up operation is followed in the crop. To control the late blight disease in potato, it is advised that solution of Mancozeb@ 2.5g/liter of water should be sprayed. All farming operations should be scheduled as per the forecast.

### Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/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.
Sheep/Goat	Keep the delivery chambers of sheep/goats clean and neat.