



**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 : 2024-12-27

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2024-12-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-28	2024-12-29	2024-12-30	2024-12-31	2025-01-01
Rainfall(mm)	10.4	9.6	0.1	2.3	0.0
Tmax(°C)	20.0	19.0	19.0	20.0	21.0
Tmin(°C)	5.0	4.0	4.0	5.0	5.0
RH-I(%)	95	95	80	70	70
RH-II(%)	45	45	40	30	30
Wind Speed(kmph)	3	2	3	2	3
Wind Direction(Degree)	320	140	360	340	320
Cloud Cover(Octa)	8	7	0	0	0

### Weather Summary/Alert:

In the last seven days (20 to 26 December) trace rainfall was recorded with maximum and minimum temperatures ranging between 21.0 to 25.2°C and 4.9 to 10.9°C. During last week weather remained clear. Morning relative humidity at 0712 hrs ranged between 80 to 94% and evening relative humidity at 1412 hrs ranged between 29 to 53%. Wind speed was 0.8 to 1.6 km per hour and wind direction was west, north-west, south-south-east, east-north-east, north, west and west-south-west. The upcoming 5 days forecast shows very light to light rainfall of 2-10 mm. The maximum and minimum temperatures would range 19.0-21.0 degrees Celsius and 4.0-5.0 degrees Celsius. Winds with a speed of 2-3 kmph would mostly blow from north-west, south-east, north, north-north-west and north-west direction. Light to moderate rain is likely to occur at many places on 27 & 28 December while dry weather is likely to prevail from 29 to 31 December. An orange alert has been given regarding thunderstorm accompanied with lightning/hailstorm at isolated places on 27 & 28 December and cold day at isolated places on 28 December 2024.

### 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 large excess rainfall and normal maximum-minimum temperature trend.

### SMS Advisory:

As per IMD forecast, light to moderate rainfall has been predicted so farming practices should be scheduled accordingly and harvested produce should be stored well.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	The crop should be regularly monitored and hoeing and weeding operations should be carried out at appropriate intervals. The farming operations should

Crop (Stage)	Crop Specific Advisory
	be scheduled as per the forecast.
LENTIL	The crop should be regularly monitored and hoeing and weeding operations should be carried out at appropriate intervals. The farming operations should be scheduled as per the forecast.
RAPESEED	All the farming operations should be scheduled as per the forecast and the harvested produce should be stored well.
MUSTARD	All the farming operations should be scheduled as per the forecast and the harvested produce should be stored well.
WHEAT	All the farming operations should be scheduled as per the forecast.
BARLEY	The crop should be continuously monitored and farming operations should be scheduled as per the forecast.
SUGARCANE	The crop should be monitored and farming operations should be scheduled as per the forecast.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER	Keep monitoring the crop and schedule the farming operations as per the forecast.
VEGETABLE PEA	All the chemical applications should be scheduled as per the forecast.
TOMATO	The crop should be monitored regularly and the farming operations should be scheduled as per the forecast.
CHILLI	The crop should be monitored regularly and the farming operations should be scheduled as per the forecast.

#### 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).
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).