



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 : 2025-03-11

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-03-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-12	2025-03-13	2025-03-14	2025-03-15	2025-03-16
Rainfall(mm)	0.0	0.0	2.0	4.0	5.0
Tmax(°C)	29.0	30.0	30.0	29.0	28.0
Tmin(°C)	12.0	13.0	12.0	11.0	10.0
RH-I(%)	70	70	75	75	75
RH-II(%)	30	30	35	35	35
Wind Speed(kmph)	2	3	3	2	3
Wind Direction(Degree)	320	340	340	50	50
Cloud Cover(Octa)	2	3	5	6	7
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During the last seven days (4 March to 10 March) 0.6 mm rainfall was observed while the maximum and minimum temperature was found to be between 28.0-30.0 and 10.0-13.0°C, respectively. Light clouds were observed on few days while the weather remained clear during rest of the days. The morning and evening relative humidity varied between 82-93% and 37-48%, respectively. The wind speed mostly ranged between 0.2-10.0 kmph blowing primarily from the west, west-south-west, south-south-west, south-west, south and east-south-east direction. The upcoming 5 day forecast shows light rainfall of 2.0-5.0 mm from 13-15 March with maximum and minimum temperature varying between 28.0-30.0°C and 10-13°C. The wind speed is expected to be 2-3 kmph from north-west, north-north-west and north-east direction. Very light to light rain is likely to occur at isolated places on 13 & 14 March and at few places on 14 & 15 March. Dry weather likely to occur on 11 & 12 March. A yellow warning has been given regarding the occurrence of thunderstorm accompanied with lightening at isolated places on 13, 14 & 15 March.

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

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" while "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 issued by IMD shows that the predicted trend from 07-13 March would observe normal rainfall and maximum temperature with below normal minimum temperature trend.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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General Advisory:

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SMS Advisory:

As per IMD forecast, very light to light rainfall has been predicted so the sowing operation, irrigation and chemical application should be postponed for the time being.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Irrigation and chemical applications can be postponed under the predicted rainfall conditions.
LENTIL	Irrigation and chemical applications can be postponed under the predicted rainfall conditions.
MUSTARD	Postpone irrigation at pod formation stage and harvest the mature pods. Harvested produce should be dried in shade and protected well to avoid spoilage.
WHEAT	The irrigation and chemical application should be postponed under the predicted weather conditions.
SUGARCANE	The spring sugarcane planting and the farming operations in autumn planted sugarcane should be postponed .
CLUSTER BEAN/ GUAR	Sowing should be postponed.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN	The sowing operation should be postponed and irrigation should be avoided in the young seedlings.
RADISH	Sowing should be postponed under the predicted weather conditions.
VEGETABLE PEA	Irrigation and chemical application to control pest-disease should be postponed under the predicted rainfall conditions.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	In case of infectious diaorrhoea in cows/buffaloes, oral E. coli vaccine should be administered and anthelmintic drugs should be given to 2 month old calves. The animals should not be left in open and should be kept in proper sheds.
BUFFALO	In case of infectious diaorrhoea in cows/buffaloes, oral E. coli vaccine should be administered and anthelmintic drugs should be given to 2 month old calves. The animals should not be left in open and should be kept in proper sheds.
SHEEP	For wool production, clean the sheep/goats properly before shaving the wool. The animals should not be left in open and should be kept in proper sheds.
GOAT	For wool production, clean the sheep/goats properly before shaving the wool. The animals should not be left in open and should be kept in proper sheds.

Likely impacts of weather warnings (General)

Spoilage of harvested produce, sowing operations would be affected and lodging might occur in irrigated crops.

Impact based advisories (General)

Harvested produce should be stored well, sowing operations should be delayed and irrigation should be postponed.

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>