



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 : 2025-02-28

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-02-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-01	2025-03-02	2025-03-03	2025-03-04	2025-03-05
Rainfall(mm)	9.0	0.0	0.0	1.0	0.0
Tmax(°C)	21.7	25.2	28.2	29.1	27.8
Tmin(°C)	14.6	14.1	13.2	14.2	14.9
RH-I(%)	85	80	60	55	65
RH-II(%)	45	30	20	20	25
Wind Speed(kmph)	9	7	8	7	8
Wind Direction(Degree)	32	9	343	13	335
Cloud Cover(Octa)	5	2	0	3	1
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Hailstorm	Strong Surface Winds	No Warning	No Warning	No Warning

Forecast Summary:

During the last seven days (21 to 27 February) 2.0 mm rainfall was observed while the maximum and minimum temperature was found to be between 22.0-27.5 and 8.8-14.2 oC, respectively. The weather was observed to be cloudy on few days. The morning and evening relative humidity varied between 84-95% and 37-54%, respectively. The wind speed mostly ranged between 1.1-3.9 kmph blowing primarily from the west-south-west, west, south-south-west and north-north-west direction. The upcoming 5 day forecast shows very light rainfall of 9 mm on 28 February and 1 mm on 3 March with maximum and minimum temperature varying between 21.7-29.1oC and 13.2-14.9oC. The wind speed is expected to be 7-9 kmph from north-north-west and north-west direction. Light drizzle or very light rainfall is expected on 28 February and 3 March while an orange alert has been given regarding the occurrence of heavy rain, thunderstorms, lightning, squall, hailstorm, etc. for 28 February. Dry weather is expected on other days.

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

Light drizzle is expected and an orange alert has been given regarding thunderstorm, squall, lightning, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

The weather can be disruptive for successful application of chemicals in crops and sowing operations in case of vegetable crops so all these operations should be delayed under cloudy and windy conditions.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available 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 good agricultural vigour in the region. The extended range forecast system shows large excess rainfall, below normal maximum and normal minimum temperature trend during 28 February to 6 March.

SMS Advisory:

Light drizzle has been predicted and an orange alert has been given so any kind of chemical application and sowing operation should be delayed under cloudy and windy conditions.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Regular monitoring of the crop is important and any kind of spray or application should be delayed under cloudy and windy conditions. The sprays and irrigation application should be scheduled on dry weather days.
LENTIL	Regular monitoring of the crop is important and any kind of spray or application should be delayed under cloudy and windy conditions. The sprays and irrigation application should be scheduled on dry weather days.
MUSTARD	Regular monitoring of the crops is required as crop is maturing and the recommended fungicide application should not be done under cloudy and windy conditions. The fungicide spray and irrigation application should be scheduled under dry weather conditions.
WHEAT	The irrigation and chemical application against pest/disease occurrence should not be done under cloudy and windy conditions. The irrigation and chemical application should be scheduled under clear weather conditions.
BARLEY	The irrigation and chemical application against pest/disease occurrence should not be done under cloudy and windy conditions. The irrigation and chemical application should be scheduled under clear weather conditions.
SUGARCANE	Sowing of spring sugarcane and irrigation in autumn planted sugarcane should not be done under cloudy and windy conditions. The sowing operation and irrigation application should be scheduled under dry weather conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO	The harvested crop should be stored well and made available in the market immediately while any kind of chemical or irrigation application should not be done under cloudy and windy conditions. The chemical and irrigation application should be scheduled for dry weather conditions.
CHILLI	The harvested crop should be stored well and made available in the market immediately while any kind of chemical or irrigation application should not be done under cloudy and windy conditions. The chemical and irrigation application should be scheduled for dry weather conditions.
BRINJAL	Transplanting and irrigation application should be delayed under cloudy and windy conditions and transplanted seedlings should be protected against heavy rainfall, hailstorm, etc. using nets.
FRENCH BEAN	Sowing of French bean should be delayed under cloudy and windy conditions and scheduled for dry weather days while the germinated seedlings should be protected against heavy rains, hailstorm using nets.
VEGETABLE PEA	Regular monitoring of the crop is important for disease/pest and any kind of spray or application should not be done under cloudy and windy conditions while it should be scheduled for dry weather days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc. Get the horn buds of cow/buffalo calves destroyed at the age of one week.
COW	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc. Get the horn buds of cow/buffalo calves destroyed at the age of one week.
SHEEP	Provide additional balanced diet to female and male sheep used for breeding. Get sheep/goats vaccinated to protect them against smallpox.
GOAT	Get sheep/goats vaccinated to protect them against smallpox.

Likely impacts of weather warnings (General)

The weather conditions might affect the sowing/transplanting operations of vegetable crops and disrupt the farming operations regarding irrigation and chemical application. Also harvested produce might be spoiled.

Impact based advisories (General)

Harvested produce should be stored well in protected areas. The sowing/transplanting operations should be delayed under cloudy and windy conditions and the irrigation and chemical applications should be scheduled under dry weather conditions.

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