



**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 : 2025-05-06

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-05-06 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-07	2025-05-08	2025-05-09	2025-05-10	2025-05-11
Rainfall(mm)	12.0	5.0	6.0	6.0	5.0
Tmax(°C)	30.0	31.0	31.0	32.0	32.0
Tmin(°C)	19.0	20.0	20.0	21.0	21.0
RH-I(%)	65	65	65	65	65
RH-II(%)	35	35	35	35	35
Wind Speed(kmph)	4	5	7	5	5
Wind Direction(Degree)	140	90	90	50	50
Cloud Cover(Octa)	8	7	7	8	7
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

### Forecast Summary:

Last week (29 April to 5 May) 45.6 mm rainfall was recorded and the maximum-minimum temperature varied between 30.8 to 35.1 and 19.9 to 25.5, respectively. The morning and evening relative humidity ranged between 49-96% and 28-75%, respectively while the wind blew from east, east-south-east, south-east and west at a speed varying between 2.0-9.8 kmph. Most of the days were dry with clouds. Strong winds were observed on few days. The upcoming forecast shows light rainfall of 5-12 mm with maximum minimum temperature varying between 30.0-32.0°C and 19.0-21.0°C, respectively. The wind is expected to blow from north-east, south-east and east direction at a speed of 4-7 kmph. Yellow alert has been given regarding thunderstorms & lightning, squall, etc. & strong surface winds for the upcoming week 7-11 May. On 6 May thunderstorm accompanied with lightening/ gusty winds (40-50 kmph) is likely to occur at isolated places over U.S. Nagar. Similar conditions are expected at isolated places on 7, 8 and 9 May over US Nagar.

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

Yellow warnings regarding occurrence of thunderstorm, lightning, squalls has been given.

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce kept for drying and damage to the germination of freshly sown crop. The harvested produce should be stored well in a covered and well ventilated place, avoid irrigating freshly sown crop and provide proper drainage.

**General Advisory:**

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows large excess rainfall and appreciably below normal maximum and below normal minimum temperature trend during 02.05.2025 to 08.05.2025.

**SMS Advisory:**

As per IMD, yellow warnings have been given regarding thunderstorm, lightning, squall and strong surface winds so harvested produce should be stored well in a proper dried place and delay sowing.

**Crop Specific Advisory:**

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Drying / Threshing)	The late sown crop should be harvested as soon as possible and the harvested produce should be kept in a well ventilated covered area.
SUNFLOWER (Flowering)	Irrigation should be scheduled after rains as required during flowering/seed formation. Regular weeding-hoeing should be delayed or scheduled after rains. The heads should be protected against the birds and parrots.
BLACK GRAM (Germination)	The irrigation should be delayed and scheduled after rains as required by the crop.
GREEN GRAM (Germination)	The irrigation should be delayed and scheduled after rains as required by the crop.
DAINCHA (Sowing)	Sowing of green manure crops can be delayed and scheduled after rains.
SUGARCANE (Vegetative )	Avoid irrigating the crop and top-dressing of urea should also be avoided. The irrigation and urea application should be scheduled after rains.
FODDER SORGHUM (Sowing)	Sowing should be delayed and irrigation application should also be avoided in the sown fields. Schedule the farming operations after rains.

**Horticulture Specific Advisory:**

Horticulture (Stage)	Horticulture Specific Advisory
GINGER (Sowing)	Sowing should be delayed.
COWPEA/ LOBIA (Sowing)	All the chemical applications should be delayed and scheduled after rains.
PUMPKIN (Vegetative )	All the chemical applications for the cucurbitaceous crops of Pumpkin family should be delayed and scheduled after rains.
BRINJAL (Vegetative )	All the farming operations should be schedule after the rains.
OKRA/ LADYFINGER (Vegetative )	Any kind of chemical application should be scheduled after the rains.

**Live Stock Specific Advisory:**

Live Stock	Live Stock Specific Advisory
BUFFALO	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.
COW	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.

**Others (Soil / Land Preparation) Specific Advisory:**

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil.

#### Likely impacts of weather warnings (General)

Spoilage of harvested produce, impacts sowing and germination.

#### Impact based advisories (General)

Proper storage of harvested produce, avoid irrigating freshly sown/germinated crop and delay sowing of crops.

**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>**