



**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 : 2025-05-02

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-05-02 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-03	2025-05-04	2025-05-05	2025-05-06	2025-05-07
Rainfall(mm)	5.0	10.0	12.0	10.0	7.0
Tmax(°C)	33.0	34.0	34.0	34.0	34.0
Tmin(°C)	23.0	24.0	24.0	24.0	24.0
RH-I(%)	75	75	75	75	75
RH-II(%)	35	35	35	35	35
Wind Speed(kmph)	6	7	7	6	5
Wind Direction(Degree)	140	140	90	140	140
Cloud Cover(Octa)	6	6	7	7	6
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 (25 April to 1 May) no rainfall was recorded and the maximum-minimum temperature varied between 33.5 to 40.6 and 16.4 to 25.5, respectively. The morning and evening relative humidity ranged between 41-53% and 09-33%, respectively while the wind blew from west-north-west, south-east, south-south-east and east-south-east at a speed varying between 1.1-9.8 kmph. Weather was windy on most of the days last week. The upcoming forecast shows light rainfall of 5-12 mm with maximum-minimum temperature varying between 33.0-34.0°C and 23.0-24.0°C, respectively. The wind is expected to blow from east and south-east direction at a speed of 5-7 kmph. An orange alert has been given regarding thunderstorm accompanied with lightning squall (50-60 kmph) and strong surface winds for 2, 3, 4 and 5 May while yellow alert regarding similar conditions has been given for 6 May.

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

Light rainfall accompanied with thunderstorm, lightning, squalls and strong surface winds.

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

Spoilage of harvested produce, impact sowing operations, impacts mango inflorescence and fresh seedlings.

### 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 the IMD forecast, light rainfall with strong surface winds has been predicted so the harvested produce should be stored well and fresh seedlings should be protected. Delay sowing.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUNFLOWER (Flowering)	Avoid irrigating the crop and all other farming operations like weeding-hoeing should be delayed for the time period.
DAINCHA (Sowing)	Sowing of green manure crops should be delayed for the time being.
SUGARCANE (Vegetative )	Avoid irrigating the crop and delay the hoeing-weeding operation in the field.
FODDER SORGHUM (Sowing)	Avoid irrigating the crop and delay sowing.
FODDER MAIZE (Vegetative )	Avoid irrigating the crop and delay other farming applications as well.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
GINGER (Sowing)	Delay the sowing.
COWPEA/ LOBIA (Sowing)	Delay the sowing.
COLOCASIA/ TARO (Sowing)	Delay the sowing.
PUMPKIN (Flowering)	Avoid any chemical application to the crop and provide proper drainage.
BRINJAL (Vegetative )	Avoid irrigating and delay the farming operations in the crop.
OKRA/ LADYFINGER (Vegetative )	Avoid irrigating and delay the farming operations in the crop.

### 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

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
	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, harmful for freshly germinated and transplanted seedlings. Impact sowing of crops.

### Impact based advisories (General)

The harvested produce should be stored well under covered area. The freshly germinated and transplanted seedlings should be protected well. Sowing should be delayed .

**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>**