



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 : 2026-05-12

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-05-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-05-13	2026-05-14	2026-05-15	2026-05-16	2026-05-17
Rainfall(mm)	0.5	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	34.0	35.0	35.0
Tmin(°C)	21.0	21.0	22.0	23.0	23.0
RH-I(%)	55	54	51	43	48
RH-II(%)	22	18	12	10	13
Wind Speed(kmph)	10	13	7	6	6
Wind Direction(Degree)	74	93	79	88	95
Cloud Cover(Octa)	2	0	0	0	0
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	No Warning

Forecast Summary:

During the last week (05 to 11 May) no rainfall was recorded and maximum-minimum temperatures ranged between 28.2 to 33.5oC and 17.8 to 23.5oC respectively. The relative humidity in the morning and evening ranged between 65-72% and 32-58% respectively. The wind blew from west-north-west, south-south-west, east-south-east, east and north-north-east at a speed of 4.1- 13.8 kmph. The weather was hot on most days last week. No significant rainfall is expected in the coming week and maximum-minimum temperatures are expected to be 33.0-35.0oC and 21.0-23.0oC respectively. The wind is expected to blow from east, east-north-east and east-north direction with a speed of 6-13 kmph. Yellow warning regarding thunderstorms, lightning, squalls and strong surface winds has been issued for 12 and 13 May.

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

Thunderstorms, lightning, gusty winds, squalls and strong surface winds.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce and disruption of sowing operations.

General Advisory:

The weather forecast is regularly updated on "Mausam App" and weather associated agrometeorological advisory is regularly updated on "Meghdoot App". "Daminin App" is available to get lightning information. Mausam, Meghdoot and Damini apps can be downloaded from Google Play Store

(Android Users) and App Center (iOS Users). The extended range forecast from 08 to 14 May indicates deficient rainfall, normal maximum and minimum temperature.

SMS Advisory:

As per IMD, thunderstorm, lightning and strong surface wind warning has been issued so the harvested produce should be stored in well and sowing operations should be scheduled on dry days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Drying / Threshing)	The harvested crop should be threshed after sun drying and stored well under covered place.
SUNFLOWER (Flowering)	The crop should be regularly irrigated as per requirement at flowering/seed formation. The mature heads should be protected from birds and parrots. The required insecticide spray should be used to control the pest attack. All the farming operations should be scheduled on no warning days.
BLACK GRAM (Sowing)	Sowing should be done and in already sown crop irrigation application and other farming operations should be scheduled on dry days.
GREEN GRAM (Sowing)	Sowing should be done and in already sown crop irrigation application and other farming operations should be scheduled on dry days.
DAINCHA (Sowing)	Sowing should be done and in case of already sown crop, irrigation application should be scheduled on dry days.
SUGARCANE (Vegetative)	Regular irrigation application along with hoeing-weeding should be done and after irrigation top-dressing of urea should be done. In case of pest attack recommended insecticide should be sprayed. All the farming operations should be scheduled on no warning days.
FODDER SORGHUM (Germination)	Irrigation application should be scheduled for dry days.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
GARLIC (Physiological Maturity)	Irrigation should be stopped in the mature garlic crop and harvesting of bulbs should be done and dried in shade.
COWPEA/ LOBIA (Vegetative)	Irrigation should be applied on dry days.
PUMPKIN (Vegetative)	In case of leaves giving a mottled appearance, the plants should be separated and sarvangi should be used for sucking pests. All the farming operations should be scheduled on no warning days.
OKRA/ LADYFINGER (Vegetative)	If the veins of leaves of okra crop are turning yellow, then destroy the plants and Sarvangi insecticide should be sprayed to control the juice sucking insects. All the farming operations should be scheduled as per the forecast.
TOMATO (Vegetative)	To control of viral diseases in tomato crop, remove and destroy the infected plants (when shrunken speckled leaves are visible), to control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxychloride @ 3g/lit of water should be sprayed. All the farming operations should be scheduled as per the forecast.
CHILLI (Vegetative)	To control of viral diseases in chilli crop, remove and destroy the infected plants (when shrunken speckled leaves are visible), to control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxychloride @ 3g/lit of water should be sprayed. All the farming operations should be scheduled as per the forecast.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.
COW	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.

Likely impacts of weather warnings (General)

Yellow warning regarding thunderstorm, lightning, gusty winds, squall and strong surface winds. Spoilage of harvested produce and disruption in farming operations.

Impact based advisories (General)

Store the harvested produce in a well covered place and schedule the farming operations on no warning days.

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>