



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 19.05.2026

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2026-05-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	20/05/2026	21/05/2026	22/05/2026	23/05/2026	24/05/2026
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Max Temp(°C)	39.0	39.0	40.0	40.0	41.0
Min Temp(°C)	24.0	25.0	25.0	25.0	25.0
Max RH I (%)	36	30	30	32	31
Min RH II (%)	9	7	8	9	7
Wind speed (km/h)	20	21	23	26	25
Wind direction	90	29	32	28	30
Cloud cover	0	0	0	0	1
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (12 to 18 May) no rainfall was recorded and the maximum-minimum temperature varied between 32.2 to 38.4°C and 20.4 to 23.9°C, respectively. The morning and evening relative humidity ranged between 60-74% and 27-52%, respectively while the wind blew from east, east-north-east, south-south-east, east-south-east, west and north-west direction at a speed varying between 4.2-4.8 kmph. Weather was clear and hot on most of the days last week. The upcoming forecast shows no rainfall and maximum-minimum temperature are expected to vary as 39.0-41.0°C and between 24.0-25.0°C, respectively. The wind is expected to blow from east, north-east-north and north-north-east direction at a speed of 20-26 kmph. No warning has been issued for the upcoming week.

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

No Warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No advisory

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 15 to 21 May indicate large deficient rainfall, above normal maximum and normal minimum temperature.

SMS Advisory:

As per IMD, no warning has been issued so irrigation should be applied and other chemical applications should be scheduled and done.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
SUNFLOWER	Flowering	Irrigation should be applied to the crop as it is in flowering/seed formation stage. The mature heads should be protected from birds and parrots.
SUGARCANE	Vegetative	Apply irrigation to the crop and when the soil is moist, top dressing of urea should be done. Regular hoeing-weeding operations should also be done in the crop. Trash mulch can be used to avoid moisture loss.
MAIZE	Vegetative	Irrigation should be applied to the crop and moisture conservation measures should be taken like covering the soil with mulch. Regular pest monitoring should be done in the crop.
ZAID GREEN GRAM	Vegetative	The already sown zaid green gram should be irrigated and regular weeding hoeing should be done.
DAINCHA	Vegetative	Apply irrigation to the freshly sown crop.
FODDER SORGHUM	Vegetative	Apply irrigation to the crop.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
COWPEA/ LOBIA	Vegetative	Irrigation should be applied to the crop and moisture conservation measures like soil covering by mulch should be done to avoid losses and maintenance of soil temperature.
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.
POLYHOUSE TOMATO	Vegetative	To control viral diseases in polyhouse 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. Irrigation should be applied and water conservation practices like mulching should be used.
CHILLI	Vegetative	To control 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. Irrigation should be applied and water conservation practices like mulching should be used.
MANGO	-	Apply irrigation in orchards and use mulch around tree basins to conserve soil moisture. Avoid moisture stress during fruit development stage.
LITCHI	-	Apply irrigation in orchards and use mulch around tree basins to conserve soil moisture. Avoid moisture stress during fruit development stage.
CUCURBITACEOUS CROPS	Vegetative	In cucurbitaceous crops if leaves give a mottled appearance, the plants should be separated and sarvangi should be used for sucking pests.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
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.
BUFFALO	In the summer season, time to time spraying of melathiyan or other insecticide should be done in the drains near the animal shed. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept

	clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately.
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Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	As the temperatures are increasing, mulch and intercultural operations should be done to conserve the soil moisture.

Likely impacts of weather warnings (General)

No Impact

Impact based advisories (General)

No Advisory

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>