



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology
Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 15.05.2026

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2026-05-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	16/05/2026	17/05/2026	18/05/2026	19/05/2026	20/05/2026
Rainfall(mm)	1.3	0.0	0.0	0.0	0.0
Max Temp(°C)	34.0	36.0	37.0	39.0	39.0
Min Temp(°C)	24.4	25.4	26.5	26.0	25.0
Max RH I (%)	47	39	39	41	38
Min RH II (%)	14	9	9	9	8
Wind speed (km/h)	8	6	4	6	11
Wind direction	35	30	27	31	34
Cloud cover	3	0	0	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (8 to 14 May) no rainfall was recorded and the maximum-minimum temperature varied between 31.9 to 34.0 and 18.2 to 23.9, respectively. The morning and evening relative humidity ranged between 66-72% and 41-52%, respectively while the wind blew from east-south-east, south-south-west, east, east-north-east and south-south-east at a speed varying between 4.1-6.1 kmph. Weather was windy on most of the days last week. The upcoming forecast shows that the weather is expected to remain predominantly hot and dry. Very light drizzle of about 1.3 mm is likely on 15 May, while the remaining days are expected to remain dry with clear sky conditions. Maximum temperature may vary between 34°C to 39°C, whereas minimum temperature will remain between 24.4°C and 26.5°C. Wind speed is likely to remain between 4-11 kmph. No weather warning has been issued.

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 impact

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:

No warning issued and weather is expected to remain dry so irrigation should be applied and moisture maintaining techniques should be followed.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
SUNFLOWER	Flowering	The crop should be irrigated as per requirement at flowering/seed formation. The mature heads should be protected from birds and parrots.
SUGARCANE	Vegetative	Irrigation application as required along with hoeing-weeding should be done and after irrigation top-dressing of urea should be done. Apply trash mulch to avoid moisture loss.
MAIZE	Vegetative	Apply irrigation and moisture should be conserved using 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	Sowing	Irrigation application as required should be done in the freshly sown crop
FODDER SORGHUM	Vegetative	Irrigation should be applied to the crop.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
COWPEA/ LOBIA	Vegetative	Apply irrigation and maintain moisture using mulch.
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 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. Irrigation should be applied and water conservation practices like mulching should be used.
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. Irrigation should be applied and water conservation practices like mulching should be used.
MANGO	-	Provide light and frequent irrigation in orchards. Mulching around tree basins is recommended to conserve soil moisture. Avoid moisture stress during fruit development stage.
LITCHI	-	Provide light and frequent irrigation in orchards. Mulching around tree basins is recommended to conserve soil moisture. Avoid moisture stress during fruit development stage.
Cucurbitaceous crops	Vegetative	In case of leaves giving 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	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of buffaloes and save them from diseases. Buffaloes 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 buffaloes and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Soil testing should be done after rabi crop harvest. The harvested produce can be threshed under clear weather. Use mulch and intercultural operations to conserve soil moisture.

Likely impacts of weather warnings (General)

No Impact

Impact based advisories (General)

No Impact

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>