



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 : 2026-09-11

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-09-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-12	2026-09-13	2026-09-14	2026-09-15	2026-09-16
Rainfall(mm)	5.0	2.7	5.8	1.9	1.1
Tmax(°C)	31.0	32.0	31.0	31.0	32.0
Tmin(°C)	25.2	25.6	25.2	24.8	25.2
RH-I(%)	88	87	88	90	86
RH-II(%)	56	62	58	62	57
Wind Speed(kmph)	5	6	9	9	5
Wind Direction(Degree)	140	90	120	140	130
Cloud Cover(Octa)	5	6	3	3	2
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	No Warning

Forecast Summary:

During last week (03 to 10 September) 47.4 mm rainfall was recorded and the maximum-minimum temperature ranged between 26.8 to 33.0oC and 23.5 to 26.4oC, respectively. The morning and evening relative humidity ranged between 86-96% and 67-95%, respectively. The wind blew from west-south-west, south-east, east-south-east, north-north-west, south-west, west-north-west and east-south-east direction at a speed ranging 0.6-6.8 kmph. The weather was humid and hot on most days last week. The upcoming week predicts very light drizzle of 1-6 mm and maximum-minimum temperature varying between 31.0-32.0oC and 25.0-26.0oC, respectively. The wind is expected to blow from south-east, east, south-east-east and south-east direction a speed of 5-9 kmph. Yellow warning has been issued regarding the occurrence of thunderstorms, lightning and squall for 11 to 14 September while on warning has been issued for 15 September.

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

thunderstorms, lightning and squall.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact but lodging may occur if irrigation has been provided and the winds are strong.

General Advisory:

The farmers and other related community can download the “Mausam” and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in agricultural operations. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows normal rainfall, maximum and minimum temperature trend during 11.09.2026 to 17.09.2026. The NDVI value shows good to very good agriculture vigour in the district.

SMS Advisory:

As per IMD, strong winds with light showers have been predicted so avoid irrigating under strong winds and to control disease/pest, chemical spray can be applied under clear weather condition

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Prevent water logging in the field after irrigation application. The disease and pest control should be done with recommended chemicals under clear weather conditions. The crop is entering panicle initiation so top dressing of urea should be done in the presence of appropriate moisture in the field. Sprays should be avoided under strong winds.
SUGARCANE (Grand growth)	Sufficient soil should be applied to the roots of sugarcane and as no heavy rainfall has been predicted so other farming operations like tying of the crop at good growth stage should be done at a height of 5 feet. Apply irrigation if required by the crop.
MAIZE (Vegetative)	Proper moisture should be maintained in the field and irrigation should be applied if required. Crop should be monitored for disease/pest occurrence and chemical application against blight and fall army worm attack should be done under clear weather during morning or evening hours. The sprays should be avoided under strong winds.
BLACK GRAM (Vegetative)	The weather is expected to remain clear with light rainfall so regular farming operations like weeding and hoeing should be taken up and irrigation should be applied as per the crop requirement.
GREEN GRAM (Vegetative)	The weather is expected to remain clear with light rainfall so regular farming operations like weeding and hoeing should be taken up and irrigation should be applied as per the crop requirement.
SOYABEAN (Pod Development)	As the crop is entering pod development stage so proper moisture should be maintained in the crop so irrigation should be applied if required.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The transplantation of fresh seedlings should be done and irrigation should be applied if required.
RADISH (Sowing)	The sowing operation should be continued and irrigation should be applied after sowing if required by the crop.
SPINACH (Sowing)	The sowing operation should be continued and irrigation should be applied after sowing if required by the crop.
PUMPKIN (Maturity and Harvesting)	The harvested pumpkins should be stored well or sent for sale.
BOTTLE GOURD (Maturity and Harvesting)	The harvested bottle gourds should be stored well or sent for sale.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way. The

Live Stock	Live Stock Specific Advisory
	animals should be protected from intense rain and storm.
BUFFALO	To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days. The animals should be protected from intense rain and storm.
GOAT	In rural areas, 2 shots of tetanus toxide should be administered to goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.
SHEEP	In rural areas, 2 shots of tetanus toxide should be administered to sheep at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

Not much impact expected, wetting due to sudden rainshowers, spreading of viral /bacterial diseases

Impact based advisories (General)

Carry umbrella/raincoat, avoid keeping the cattle in open and prevent spread of viral/bacterial diseases by strengthening the immune system.

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 lightning.

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>