



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 : 2026-08-07

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-08-07 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-08-08	2026-08-09	2026-08-10	2026-08-11	2026-08-12
Rainfall(mm)	5.0	6.0	10.0	15.0	10.0
Tmax(°C)	34.0	34.0	35.0	34.0	34.0
Tmin(°C)	26.0	26.0	26.0	25.0	25.0
RH-I(%)	85	85	90	95	95
RH-II(%)	60	60	65	62	61
Wind Speed(kmph)	10	10	10	5	10
Wind Direction(Degree)	140	150	130	120	110
Cloud Cover(Octa)	6	6	7	5	4
Warning	No Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (31 July-6 August) 24.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 29.6 to 32.5oC and 24.5 to 27.0oC, respectively. The morning and evening relative humidity ranged between 82-93% and 69-89%, respectively. The wind blew from east-south-east, east and east-north-east direction at a speed ranging 5.7-9.1 kmph. The weather was warm and partly cloudy on most days last week with few light rainfall days. The upcoming week predicts very light to light rainfall of 5-15 mm and maximum-minimum temperature varying between 31.0-34.0oC and 25.0-26.0oC, respectively. The wind is expected to blow from east-south-east, south-east, south-east-east and south-east-south direction at a speed of 5-10 kmph. Yellow warning regarding occurrence of thunderstorm accompanied with lightning, squall has been given for 08-11 August at isolated places while no warning has been issued for 7 August.

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

No warning has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact expected.

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 deficient rainfall and normal maximum and minimum temperature trend during 07.08.2026 to 13.08.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD, yellow warning regarding thunderstorms, lightning, squall has been issued so regular farming activities can be scheduled with optimum moisture conditions.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	The weeding of the rice field can be done at an interval of 20-40 days. Pre-emergence herbicides such as Pretilachlor 50% EC @1.2-1.5 l/ha/ Butachlor 50% EC @3.0 l/ha, Pendimethalin 30% EC @1-1.5 l/ha can be used to control the weeds. The pre emergence is the best application for which shallow standing water needs to be maintained to get best results. Chlorantraniliprole 18.5% SC can be used to control the stem borer attack. The chemical application should be scheduled during morning and evening hours
SUGARCANE (Tillering)	Apply irrigation if required on the basis of the soil moisture after doing the earthing up operation and tying operation.
MAIZE (Germination)	The weeding-hoeing operation should be done in the Maize crop as it requires weeding at 20 and 35 days interval. The top-dressing of urea should be done in the crop when the soil moisture is sufficient during morning or evening hours.
GREEN GRAM (Sowing)	The weeding-hoeing operations should be done in the crop once optimum soil moisture is present to support the farming operations. The sowing operation of the remaining kharif mungbean crop should be continued when the soil moisture is optimum.
BLACK GRAM (Sowing)	The weeding-hoeing operations should be done in the crop once optimum soil moisture is present to support the farming operations. The sowing operation of the remaining urdbean crop should be continued when the soil moisture is optimum.
GROUNDNUT (Vegetative)	In groundnut, weed control measures should be taken and the chemical application should be schedule for morning or evening hours. The remaining amount of gypsum and an entire amount of borax should be top dressed in 3 week old crop which can be done when the soil moisture is optimum.
SESAME (GINGELLY/TIL) (Sowing)	Top-dressing of urea can be done under sufficient moisture conditions in the crop and weed control measures should also be taken up. All the applications can be done during morning or evening hours for effective results. The sowing of remaining gingelly crop can be done under optimum soil moisture conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Maturity and Harvesting)	There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) while chemical spray against viral diseases and sap-sucking insects should be scheduled for morning or evening hours. Harvest the ripe tomatoes and send them for sale or store them properly.
PUMPKIN (Maturity and Harvesting)	On the occurrence of yellow spot of irregular shape on pumpkin crop, leaves should be examined by turning and if there is a growth of light gray fungus in the lower portion of leaves, it should be controlled chemically. Apply

Horticulture (Stage)	Horticulture Specific Advisory
	irrigation if required and schedule the chemical application during morning and evening hours.
BOTTLE GOURD (Maturity and Harvesting)	On the occurrence of yellow spot of irregular shape on bottle gourd crop, leaves should be examined by turning and if there is a growth of light gray fungus in the lower portion of leaves, it should be controlled chemically. Apply irrigation if required and schedule the chemical application during morning and evening hours.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season. To prevent 'footrot' disease due to moisture, 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. Small ruminant animals like newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
COW	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season. To prevent 'footrot' disease due to moisture, 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. Small ruminant animals like newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
SHEEP	Small ruminant animals like sheep should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
GOAT	Small ruminant animals like goats should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.

Likely impacts of weather warnings (General)

No significant impact expected but thunderstorm and lightning may cause damage to humans and animals left in open.

Impact based advisories (General)

Under thunderstorm and lightning conditions the people should keep themselves and their animals under shade to prevent any damage.

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>