



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 : 18-08-2026

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2026-08-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2026-08-19	2026-08-20	2026-08-21	2026-08-22	2026-08-23
Rainfall(mm)	30.0	10.0	15.0	25.0	30.0
Tmax(°C)	30.0	31.0	31.0	30.0	30.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	90	85	90	90	90
RH-II(%)	70	65	68	66	66
Wind Speed(kmph)	7	3	5	5	5
Wind Direction(Degree)	130	110	120	140	150
Cloud cover(octa)	6	5	7	7	7
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	No Warning	No Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (11-17 August) 122.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 27.2 to 35.6oC and 25.0 to 27.1oC, respectively. The morning and evening relative humidity ranged between 83-97% and 63 -98%, respectively. The wind blew from north-west, west-north-west, north-north-east, east and east-north-east direction at a speed ranging 1.6-5.9 kmph. The weather was humid and wet on most days last week. The upcoming week predicts light to moderate rainfall of 10-30 mm and maximum-minimum temperature varying between 30.0-31.0oC and 23.0-24.0oC, respectively. The wind is expected to blow from south-east, east-south-east, south-east-east and south-east-south direction at a speed of 3-7 kmph. Orange warning has been issued regarding the occurrence of very heavy rain accompanied by thunderstorms, lightning, squall on 18 August. No warning has been issued for 19 and 20 August. Yellow warning has been issued regarding the occurrence of thunderstorms, lightning, squall on 21 and 22 August.

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

Orange warning has been issued regarding the occurrence of very heavy rain with thunderstorm, lightning, squall for 18 August and no warning for 19 August

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, disruption in farming actions during warning days. Maintain proper drainage in the field. Schedule application of pesticide and fertilizers on no warning and dry days. Apply the chemicals and go for sowing when there is optimum soil moisture in the field

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 excess rainfall and normal maximum and minimum temperature trend during 14.08.2026 to 20.08.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD prediction, few days are expected to remain dry so any remaining chemical application and sowing operation can be scheduled for these days after rains under optimum soil moisture.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Avoid irrigating the crop. Bacterial blight infestation may be found in the rice crop in some areas which can be recognized when tip of the leaves turn white or both sides of leaf turned white. In these fields spray 500g Copper oxychloride and 15g streptocyclin in 500 liter water and these chemical application should be done once more at 7-10 days interval. Spraying of chemical should be taken up on days when there is no warning and dry weather is expected.
SUGARCANE (Grand growth)	On the occurrence of white fly in the crop, spray thiamethoxam 25 WDG (Actara) @ 125g/hectare. Provide proper drainage in the crop and the chemical application should be done on no warning days when the weather is expected to remain dry. The farming operations like tying of tall canes should be done at the height of 5 feet to avoid lodging.
MAIZE (Vegetative)	Maintain drainage and go for weeding-hoeing operations in maize crop twice at an interval of 20 and 35 days after sowing when the soil has optimum moisture. The chemical spray can be scheduled in the upcoming days as dry weather is expected on no warning days.
CITRUS (Fruit formation)	To control the Citrus canker disease, spraying of 180g Copper-Oxychloride and 6g Streptocycline in 60 liter of water should be done in the trees and the spray should be scheduled for no warning days when weather is expected to remain dry.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO	As no warning days have been predicted and the weather is expected to remain dry so the grafting operations in the crop should be continued.
LITCHI	As no warning days have been predicted and the weather is expected to remain dry so the grafting operations in the crop should be continued.
GUAVA	As no warning days have been predicted and the weather is expected to remain dry so the grafting operations in the crop should be continued.
CABBAGE (Transplanting)	Mid variety of Cabbage can be sown in this month and weeding and hoeing operations should be done in the early variety of Cabbage when the soil moisture is optimum for farming operations. The chemical spray can be scheduled in the upcoming week on no warning days when the weather is expected to remain dry .
PUMPKIN (Maturity and Harvesting)	On the occurrence of yellow-brown spot in the leaves of cucurbitaceous crops such as pumpkin, solution of mancozeb @ 2.5 g/ lit of water should be sprayed and it can be scheduled for the upcoming week on no warning days when the weather is expected to remain dry.
BOTTLE GOURD (Maturity and	On the occurrence of yellow-brown spot in the leaves of cucurbitaceous crops such as bottle gourd, solution of mancozeb @ 2.5 g/ lit of water should be

Horticulture (Stage)	Horticulture Specific Advisory
Harvesting)	sprayed and it can be scheduled for the upcoming week on no warning days when the weather is expected to remain dry.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appear in the animals, then inject Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice and assistance of Veterinarian.
COW	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appear in the animals, then inject Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice and assistance of Veterinarian.

Likely impacts of weather warnings (General)

No significant impact as light rainfall is expected but don't forget to carry rain gears.

Impact based advisories (General)

As the upcoming week shows some days of light rainfall so chemical applications can be scheduled for no warning days when weather is expected to remain dry.
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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>