



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 : 2026-08-27

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-08-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-08-28	2026-08-29	2026-08-30	2026-08-31	2026-09-01
Rainfall(mm)	15.0	8.0	8.0	18.0	40.0
Tmax(°C)	34.0	34.0	34.0	33.0	32.0
Tmin(°C)	25.0	25.0	25.0	24.0	23.0
RH-I(%)	90	85	85	85	90
RH-II(%)	65	60	60	65	60
Wind Speed(kmph)	5	6	4	7	8
Wind Direction(Degree)	130	110	120	150	140
Cloud Cover(Octa)	6	6	5	6	7
Warning	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	No Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (20-26 August) 104.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 30.5 to 34.6°C and 24.1 to 26.9°C, respectively. The morning and evening relative humidity ranged between 90-93% and 65-89%, respectively. The wind blew from west-south-west, north-north-east, west-north-west and east-south-east direction at a speed ranging 0.7-4.5 kmph. The weather was hot, humid and wet on most days last week. The upcoming week predicts light to moderate rainfall of 8-40 mm and maximum-minimum temperature varying between 32.0-34.0°C and 23.0 - 25.0°C, respectively. The wind is expected to blow from south-east, south-east-south, east-south-east, south-east-east, south-east-south and south-south-east direction at a speed of 5-8 kmph. Yellow warning has been issued regarding the occurrence of heavy rain, thunderstorms, lightning and squall for 27, 30 and 31 August. Light to heavy rainfall has been predicted for the upcoming week at isolated places.

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

Yellow warning has been issued regarding heavy rainfall, thunderstorms, lightning, squall

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, lodging, disruption in regular farming activities. Maintain proper drainage in the field, avoid irrigation and schedule the regular farming activities post heavy rains.

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 and normal maximum and minimum temperature trend during 28.08.2026 to 03.09.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD, light to heavy rain has been predicted for the upcoming week so proper drainage should be maintained in the field.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	The chemical application in the crop against disease and pest should be scheduled post heavy rainfall events and top dressing of urea on panicle initiation should also be scheduled after rains. Maintain proper drainage in the field.
SUGARCANE (Grand growth)	Maintain proper drainage and the chemical application against disease and pests should be scheduled post heavy rainfall.
MAIZE (Vegetative)	Avoid irrigating the crop and schedule chemical application for post heavy rainfall days.
GREEN GRAM (Vegetative)	Avoid irrigating the crop and any chemical application for weed control should be postponed.
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SOYABEAN (Pod Development)	Avoid irrigating the crop and schedule irrigation post heavy rainfall.
GROUNDNUT (Vegetative)	The chemical application against disease occurrence in groundnut should be postponed to post heavy rainfall events.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	The transplanting of late varieties of cauliflower varieties can be done post heavy rainfall events.
CABBAGE (Transplanting)	The transplanting of late varieties of cabbage varieties can be done post heavy rainfall events.
KNOL KHOL (Transplanting)	The transplanting of late varieties of knol-khol can be done post heavy rainfall events.
PAPAYA	Any chemical spray against disease should be scheduled post heavy rainfall days.

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 wa
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.

Likely impacts of weather warnings (General)

Disruption in farming and regular routine activities, accidents, landslides

Impact based advisories (General)

Avoid unnecessary travel and keep surroundings clean to prevent disease occurrence in humans and livestock animals.

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>