



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 : 2026-09-01

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-09-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-02	2026-09-03	2026-09-04	2026-09-05	2026-09-06
Rainfall(mm)	22.0	15.0	32.0	16.0	15.0
Tmax(°C)	32.0	33.0	32.0	31.0	32.0
Tmin(°C)	24.0	24.0	24.0	23.0	24.0
RH-I(%)	90	85	90	90	90
RH-II(%)	70	70	70	70	70
Wind Speed(kmph)	8	8	5	8	8
Wind Direction(Degree)	120	150	140	110	130
Cloud Cover(Octa)	6	5	6	5	5
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (24-31 August) 50.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 27.5 to 34.6oC and 24.5 to 27.0oC, respectively. The morning and evening relative humidity ranged between 90-96% and 65-93%, respectively. The wind blew from east-south-east, west-north-west, east-north-east, west and east-south-east direction at a speed ranging 0.5-3.0 kmph. The weather was hot, humid and wet on most days last week. The upcoming week predicts moderate to heavy rainfall of 15-32 mm or more and maximum-minimum temperature varying between 15.0-32.0oC and 31.0-33.0oC, respectively. The wind is expected to blow from south-east-east, south-east-south, south-east and east-south-east direction at a speed of 5-8 kmph. Yellow warning has been issued regarding the occurrence of heavy rainfall accompanied by thunderstorms, lightning and squall from 01 to 03 September while yellow warnings for similar conditions without heavy rainfall events might occur during 4 and 5 August.

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

Yellow warning regarding occurrence of heavy rainfall accompanied by thunderstorm, lightning, squall, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, disruption of regular farming activities. Proper drainage should be maintained in the crops and the regular farming activities should be scheduled for clear weather days.

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 28.08.2026 to 03.09.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD prediction, heavy rainfall is expected in the upcoming week so proper drainage should be maintained in the crop fields and all the farming operations should be scheduled post rainy days

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Maintain proper drainage in the field and the chemical spray against bacterial blight and stem borer should be scheduled for clear weather days.
SUGARCANE (Grand growth)	The chemical spray against red rot and white grub infestation should be scheduled for clear weather days and other farming activities should also be scheduled post heavy rainfall days.
MAIZE (Vegetative)	Proper drainage should be maintained in the crop field. In case of pest/disease occurrence, any chemical spray should be scheduled for post heavy rainfall days.
BLACK GRAM (Vegetative)	Proper drainage should be maintained in the field and the farming operations to be done in the field should be scheduled post heavy rainfall days.
GREEN GRAM (Vegetative)	Proper drainage should be maintained in the field and the farming operations to be done in the field should be scheduled post heavy rainfall days.
SOYABEAN (Pod Development)	Proper drainage should be maintained in the field and in case of destruction of small seedlings, re-sowing operation should be taken up.
GROUNDNUT (Vegetative)	Chemical application against Tikka disease should be scheduled post heavy rainfall days. Proper drainage should be maintained in the crop field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI (Harvesting)	The chemical spray against infection in the chilli crop should be done post heavy rainfall days. Proper drainage should be maintained in the crop field.
CAULIFLOWER (Transplanting)	The transplanting operation should be scheduled post heavy rainfall days. Proper drainage should be maintained in the already transplanted fields.
CABBAGE (Transplanting)	The transplanting operation should be scheduled post heavy rainfall days. Proper drainage should be maintained in the already transplanted fields.
KNOL KHOL (Transplanting)	The transplanting operation should be scheduled post heavy rainfall days. Proper drainage should be maintained in the already transplanted fields.
RADISH (Sowing)	Proper drainage should be maintained in the already sown field. The sowing of european varieties of radish can be done under clear weather conditions
CARROT (Sowing)	Proper drainage should be maintained in the already sown field. The sowing of asian and european varieties of carrot can be done under clear weather conditions
PAPAYA	The chemical spray against collar rot disease should be scheduled under clear weather conditions.

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. Under heavy rainfall proper warmth and food should be provided and cleanliness should be maintained in the cow shed.
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. Under heavy rainfall proper warmth and food should be provided and cleanliness should be maintained in the shed.

Likely impacts of weather warnings (General)

Disruption in regular farming and routine activities, accidents, flooding due to heavy rains on roads and in houses.

Impact based advisories (General)

All the farming activities and routine activities should be scheduled for clear weather days, avoid unnecessary travel. maintain proper slope or drainage to avoid water stagnation due to heavy rains.

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