



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 : 2025-08-01

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-08-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-02	2025-08-03	2025-08-04	2025-08-05	2025-08-06
Rainfall(mm)	8.0	20.0	30.0	35.0	25.0
Tmax(°C)	33.0	32.0	32.0	31.0	31.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	79	84	88	92	91
RH-II(%)	49	52	56	61	65
Wind Speed(kmph)	4	5	4	8	12
Wind Direction(Degree)	140	150	160	160	160
Cloud Cover(Octa)	5	7	7	7	8
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (25 to 31 July), the region experienced 105.8 mm rainfall with the maximum-minimum temperature ranging 31.0 to 37.0°C and 24.4 to 27.2°C, respectively. The morning and evening relative humidity varied between 83-92% and 53-75%, respectively while the wind blew from south, south-south-west, north-west, east-south-east and east ranging 1.7-8.8 kmph. Most of the days were observed to be rainy days last week. The upcoming forecast shows light to moderate rainfall of 8-35 mm and maximum-minimum temperature are expected to vary as 31.0-33.0°C and 25.0-26.0°C, respectively. The wind is expected to blow from south-east, south-south-east and south-east-south direction at a speed of 4-12 kmph. A yellow alert has been issued for 1, 2, 3 and 5 August regarding thunderstorm accompanied with lightning / intense to very intense rain spell are likely to occur at isolated places. A yellow alert has been issued for 4 August regarding heavy rain with thunderstorm accompanied with lightning / intense to very intense rain at isolated places.

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

Heavy rainfall warning has been given for 4 August while for other days thunderstorms accompanied with lightning, squall, intense rain spell warning has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging under heavy rainfall. Proper drainage should be provided in the field.

General Advisory:

The farmers and other related community can download the “Mausam” app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. 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-minimum temperature trend during 08.08.2025 to 14.08.2025.

SMS Advisory:

As per IMD, heavy rainfall and thunderstorm, lightning, intense rain spell has been predicted so proper drainage should be provided.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	The disease and insect sprays should be postponed and proper drainage should be provided in the field.
SUGARCANE (Grand growth)	In case of water logging, proper drainage should be arranged and sufficient soil application to the roots of sugarcane should be postponed. When the growth of the crop is good, tie it at a height of 5 feet when the weather is clear.
MAIZE (Vegetative)	Irrigation should be avoided and proper drainage measures should be taken in case of heavy rainfall. Any kind of application should be avoided and postponed.
BLACK GRAM (Vegetative)	Proper drainage should be maintained in the field and any disease/pest spray should be avoided for the time being .
GREEN GRAM (Vegetative)	Proper drainage should be maintained in the field and any disease/pest spray should be avoided for the time being .
SOYABEAN (Pod Development)	Proper drainage should be maintained in the field and any disease/pest spray should be avoided for the time being .

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Transplanting)	Transplanting should be delayed for the time being and proper drainage should be provided in the transplanted crop.
RADISH (Sowing)	The sowing should be delayed under the predicted weather conditions . Proper drainage should be maintained in the already sown crop.
SPINACH (Sowing)	The sowing should be delayed under the predicted weather conditions . Proper drainage should be maintained in the already sown crop.
PUMPKIN (Harvesting)	The harvested produce should be stored well and any kind of spray should be avoided under the current predicted weather conditions in cucurbitaceous crop species..

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
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
GOAT	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and 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 toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

Water logging, impact on transplanted crop and damage to harvested horticultural produce.

Impact based advisories (General)

Proper drainage should be provided and the harvested produce should be stored well or sent for sale immediately.

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>