



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 : 2025-08-08

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

Parameter	2025-08-09	2025-08-10	2025-08-11	2025-08-12	2025-08-13
Rainfall(mm)	30.0	20.0	25.0	30.0	20.0
Tmax(°C)	34.0	33.0	33.0	33.0	32.0
Tmin(°C)	27.0	26.0	26.1	26.1	25.9
RH-I(%)	89	86	87	88	89
RH-II(%)	90	85	90	90	90
Wind Speed(kmph)	4	7	7	4	3
Wind Direction(Degree)	100	100	120	130	120
Cloud Cover(Octa)	6	6	7	7	7
Warning	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (1 August to 07 August), the region experienced 224.6 mm rainfall with the maximum-minimum temperature ranging 26.5 to 34.2oC and 23.3 to 26.0oC, respectively. The morning and evening relative humidity varied between 92-98% and 69-95%, respectively while the wind blew from east, west, south-south-east, west-south-west, north-west and north direction at a speed ranging 1.4-5.9 kmph. Most of the days were rainy last week. The upcoming forecast shows light to moderate rainfall of 20-30 mm and maximum-minimum temperature are expected to vary as 32.0-34.0oC and 25.0-27.0oC, respectively. The wind is expected to blow from east-south, south-east-east and south-east direction at a speed of 3-7 kmph. On 8 August orange alert has been issued regarding the occurrence of heavy to very heavy rain at isolated places with thunderstorm accompanied by lightning / intense to very intense rain spell while for 9, 10, 11 and 12 August yellow alert has been issued regarding thunderstorms accompanied by lightning/intense to very intense rain spell at isolated places.

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

Heavy rainfall and thunderstorms accompanied by lightning/intense to intense rain spell

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging on heavy rainfall days, impact on germination, sowing and spraying operations, spoilage of harvested produce Provide proper drainage in the fields and postpone the farming operations after heavy rains, the harvested produce should be sent immediately for sale or store properly.

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 normal rainfall, maximum and minimum temperature trend during 08.08.2025 to 14.08.2025.

SMS Advisory:

Orange and yellow warning has been given so proper drainage should be maintained in the field.

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. Proper drainage should be maintained in the field and manual weeding can be done. The weedicide should be applied after heavy rainfall conditions.
SUGARCANE (Tillering)	In case of water logging, proper drainage should be arranged and the farming activities should be scheduled after the heavy rains. The tying operation should be postponed for the time being.
MAIZE (Germination)	Maize requires at least two weeding, the first at an interval of 20 days and the second at an interval of 35 days. Though conditions are good for top-dressing of urea but the top dressing operation should be scheduled after heavy rainfall days. The chemical application against fall army worm should be scheduled after the rains.
BLACK GRAM (Sowing)	Proper drainage should be arranged in the field and appropriate weeding-hoeing operations should be done.
GREEN GRAM (Sowing)	Proper drainage should be arranged in the field and appropriate weeding-hoeing operations should be done.
GROUNDNUT (Vegetative)	In groundnut, weeding should be done at an interval of 15-20 days after sowing and chemical application to destroy the weeds should be scheduled after heavy rainfall. The remaining amount of gypsum and an entire amount of borax Has to be top dressed in 3 week old crop but the operation should be scheduled after heavy rainfall.
SESAME (GINGELLY/TIL) (Sowing)	Weeding operation should be carried out in the crop and Though the soil moisture is sufficient for top-dressing of urea but it should be scheduled after heavy rainfall. Proper drainage should be maintained in already sown crop.

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 after heavy rains. Harvest the ripe tomatoes and send them immediately for sale.
PUMPKIN (Maturity and Harvesting)	On the occurrence of yellow spot of irregular shape on cucurbitaceous crops, leaves should be examined by turning and if there is a growth of light gray fungus in the lower portion of leaves which can be controlled chemically but under heavy rainfall conditions the spraying operation should be postponed. Proper drainage should be maintained in the field.

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.

Live Stock	Live Stock Specific Advisory
	The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
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.
GOAT	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.

Likely impacts of weather warnings (General)

Water logging, disruption of farming activities, spoilage of harvested produce

Impact based advisories (General)

Proper drainage should be provided, the farming activities should be postponed, the harvested produce should be immediately sent for sale.

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>