



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 : 2025-08-05

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-08-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-06	2025-08-07	2025-08-08	2025-08-09	2025-08-10
Rainfall(mm)	70.0	20.0	12.0	22.0	12.0
Tmax(°C)	32.0	32.0	35.0	35.0	35.0
Tmin(°C)	27.0	26.0	26.0	27.0	27.0
RH-I(%)	98	95	90	88	90
RH-II(%)	75	69	60	58	65
Wind Speed(kmph)	4	2	1	6	7
Wind Direction(Degree)	110	104	320	330	140
Cloud Cover(Octa)	8	6	4	6	7
Warning	Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (29 July to 4 August) 92.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 32.0 to 35.0oC and 26.0 to 27.0oC, respectively. The morning and evening relative humidity ranged between 89-97% and 69-86%, respectively. The wind blew from east, west, south-south-east and west-south-west direction at a speed ranging 3.1-8.8 kmph. The weather was rainy on most days last week. The upcoming week predicts light to heavy rainfall of 12-70 mm and maximum-minimum temperature varying between 32.0-35.0oC and 26.0-27.0oC, respectively. The wind is expected to blow from east-south, east-south-east, north-west, north-west-north and south-east direction at a speed of 1-7 kmph. Red alert has been given regarding heavy to very heavy rainfall accompanied by thunderstorms, lightning, squall at isolated places on 5 August and orange alert has been given regarding heavy rain accompanied by thunderstorms, lightning, squall, etc. on 6 August. Yellow alert has been issued regarding thunderstorms, lightning, intense rain spells and squalls at isolated places from 7-9 August.

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

Red and orange alert has been issued for heavy rainfall and yellow alert has been issued for thunderstorms, lightning, squalls, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, impacts germination and sowing operations, spoilage of harvested cucurbitaceous crops. Provide proper drainage and harvested produce should be stored well.

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, normal maximum and minimum temperature trend during 01.08.2025 to 07.08.2025.

SMS Advisory:

As per IMD forecast, heavy rainfall has been predicted so proper drainage measures should be taken in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Seedling Growth)	The weeding of the rice field should be done at 20 and 40 days interval. Manual weeding is possible on light rainfall days. The chemical application of fertilizers and weedicides in transplanted rice fields should be done under clear weather conditions. Even after rainfall, the chemical applications should be done under optimum moisture conditions. The water level in rice fields should be maintained upto 5-7 cm.
SUGARCANE (Vegetative)	In case of water logging, proper drainage should be arranged and sufficient soil should be applied to the roots of sugarcane. When the growth of the crop is good, tie it at a height of 5 feet. The farming activities should be scheduled on light rainfall days or after heavy rainfall prediction.
MAIZE (Germination)	Avoid water logging and provide proper drainage in case of heavy rainfall. All the other farming activities can be done on light rainfall days or after heavy rainfall. The delayed of sowing of maize and weeding, urea application in June sown crop should be postponed under heavy rainfall conditions.
BLACK GRAM (Sowing)	Proper drainage should be provided in the already sown crop and the further sowing operations should be postponed under heavy rainfall conditions and can be done on light rainfall days after optimum moisture is present in the field. For abundant production, seeds treated with bio-controller Trichoderma powder @5 gm/kg should be used. Along with this, seeds should be treated with biofertilizers like Rhizobium and P.S.B. @200 gm / 10 kg seeds.
GREEN GRAM (Sowing)	Proper drainage should be provided in the already sown crop and the further sowing operations should be postponed under heavy rainfall conditions and can be done on light rainfall days after optimum moisture is present in the field. For abundant production, seeds treated with bio-controller Trichoderma powder @5 gm/kg should be used. Along with this, seeds should be treated with biofertilizers like Rhizobium and P.S.B. @200 gm / 10 kg seeds.
GROUNDNUT (Vegetative)	In groundnut, weeding should be done at an interval of 15-20 days after sowing and to destroy the weeds chemically, the chemical spray should be postponed and done after heavy rainfall days. Proper drainage should be provided in the fields.
SESAME (GINGELLY/TIL) (Sowing)	Sowing should be postponed under heavy rainfall conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Maturity and Harvesting)	On the occurrence of yellow spot of irregular shape on cucurbitaceous crops, leaves should be examined by turning for light gray fungus appearance in the lower portion of leaves. Proper drainage should be maintained in the field and the chemical application should be postponed.
TOMATO (Vegetative)	There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases and

Horticulture (Stage)	Horticulture Specific Advisory
	sap sucking insects chemical application is required. The infected plants should be destroyed and application of any chemical for viral diseases or sap-sucking pests should be postponed.
CAULIFLOWER (Transplanting)	The weeding and hoeing activities should be postponed under heavy rainfall conditions and done on light rainfall days. 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. 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, spoilage of harvested cucurbitaceous crops, impacts germination and sowing operations.

Impact based advisories (General)

Proper drainage should be provided and the harvested cucurbitaceous crop should be stored well or sent immediately for sale, postpone sowing.

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>