



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 : 2025-07-25

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-07-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-26	2025-07-27	2025-07-28	2025-07-29	2025-07-30
Rainfall(mm)	2.0	12.0	20.0	28.0	6.0
Tmax(°C)	36.0	35.0	33.2	30.0	32.0
Tmin(°C)	27.0	26.0	26.0	25.0	26.0
RH-I(%)	73	76	83	86	80
RH-II(%)	43	48	54	66	52
Wind Speed(kmph)	3	7	9	8	6
Wind Direction(Degree)	36	78	74	87	67
Cloud Cover(Octa)	5	7	8	8	7
Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (18 to 24 July), the region experienced 26.2 mm rainfall with the maximum-minimum temperature ranging 31.2 to 34.5oC and 24.1 to 27.6oC, respectively. The morning and evening relative humidity varied between 77-94% and 58-78%, respectively while the wind blew from east, south, west, west-north-west and north-west at a speed ranging 1.6-10.5 kmph. Most of the days were clear last week. The upcoming forecast shows light drizzle to moderate rainfall of 2-28 mm from 25-29 July and maximum-minimum temperature are expected to vary as 30.0-36.0oC and between 25.0-27.0oC, respectively. The wind is expected to blow from north-east-north, east-north, east, east-north-east direction at a speed of 3-9 kmph. Yellow warning has been issued regarding thunderstorm, lightning, squall and intense rain spell for 27 and 29 July while heavy rain alert with similar thunderstorm conditions has been issued for 28 July.

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

Heavy rainfall alert for 28 June with thunderstorm/lightning/intense rain spell.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging on heavy rainfall conditions, impact sowing and transplanting Proper drainage should be provided in the cropped fields, the sowing and transplanting should be scheduled on clear or light rainfall days.

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-minimum temperature trend during 01.08.2025 to 07.08.2025.

SMS Advisory:

As per IMD, heavy rainfall is expected on 28 June so proper drainage should be maintained in the field and the transplanting/sowing operations should be scheduled on light rainfall days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	The transplanting should be completed and gap filling of the plots should be done within 10 days. Also, for already transplanted rice the fertilizers and weedicide can be applied under clear weather conditions. The weeding of the rice field should be done at 20 and 40 days interval. In case labour is not available, butachlor 50 E.C. @ 3 litre per hectare/ anilophos 30 E.C. @1.5 litre per hectare/ Pretilachlor 50 E.C. @1.5 litre per hectare in 500 litre water can be applied within 3 days of transplanting. All the chemical applications should be carried out on clear and light rainfall conditions.
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. All the farming operations should be done on light rainfall or dry conditions.
MAIZE (Germination)	Water logging should be avoided. Weeding and hoeing should be done in the last month sown maize crop. The top dressing of urea should be done when crop attains the height of around 2 feet. All the farming operations should be done on dry or light rainfall days.
GREEN GRAM (Sowing)	Seeds treated with bio-controller Trichoderma powder @5 gm/kg should be used along with biofertilizers like Rhizobium and P.S.B. @200 gm / 10 kg seeds. The sowing should be scheduled on dry or light rainfall days.
GROUNDNUT (Vegetative)	In groundnut, weeding should be done at an interval of 15-20 days after sowing. To destroy the weeds chemically, Pendimethalin 30 EC, 3.3 liters or 4 liters of Alachlor 50 EC dissolved in 500 -700 liters of water should be sprinkled after sowing and before the germination of weeds. Any chemical spraying should be done on dry days.
SESAME (GINGELLY/TIL) (Sowing)	The proper time for sesame sowing is the second fortnight of the month and the seed rate should be 3-4 kg/ha. To prevent seed borne diseases the seeds should be treated @2.5 g Thiram or Captan per kg of seeds. The sowing operation should be done on dry or light rainfall days.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI (Transplanting)	Chilli should be transplanted on ridges to avoid damage due to water logging with row to row and plant to plant distance of 50cm. Avoid drainage as excess amount of water for about 24 hours in the field dries up the crop. Transplanting should be scheduled on dry and light rainfall days.
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 spray all purpose insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. Farmer brothers, spraying should be done on dry days.
CAULIFLOWER (Transplanting)	The weeding and hoeing should be done in the transplanted crop and proper drainage should be maintained in the field. All the farming activities should be done on dry or light rainfall days.

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 Till 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 Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.

Likely impacts of weather warnings (General)

Water logging under heavy rainfall conditions.

Impact based advisories (General)

Proper drainage should be maintained.

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>