



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 : 2025-07-22

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-07-22 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-23	2025-07-24	2025-07-25	2025-07-26	2025-07-27
Rainfall(mm)	2.0	4.0	5.0	6.0	7.0
Tmax(°C)	34.4	35.6	36.2	36.2	35.8
Tmin(°C)	25.9	26.9	27.4	27.6	28.2
RH-I(%)	82	80	82	85	78
RH-II(%)	66	50	60	54	51
Wind Speed(kmph)	3	3	5	2	4
Wind Direction(Degree)	326	306	309	27	41
Cloud Cover(Octa)	6	5	4	6	7
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (15 to 21 July), the region experienced 135 mm rainfall with the maximum-minimum temperature ranging 31.0 to 34.1°C and 24.1 to 27.3°C, respectively. The morning and evening relative humidity varied between 77-93% and 63-89%, respectively while the wind blew from north-east, north-east-north, east, south, west-south-west, west at a speed ranging 3.2-11.1 kmph. Few rainy days were observed last week. The upcoming forecast shows light drizzle of 2-7 mm from 22-26 July and maximum-minimum temperature are expected to vary as 34.4-36.2°C and between 25.9-28.2°C, respectively. The wind is expected to blow from north-west-north, north-west-west, north-north-east, -north-east direction at a speed of 2-5 kmph. The weather is expected to remain clear in the upcoming days.

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

No warning has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact.

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 25.07.2025 to 31.07.2025.

SMS Advisory:

As per IMD, clear weather is expected in the upcoming week so all the farming activities should be continued as scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	The transplanting should be completed in this month 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.
SUGARCANE (Vegetative)	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.
MAIZE (Germination)	Sowing of maize should be completed and ridge-furrow sowing should be followed to avoid water logged conditions. After 15 and 30 days of sowing, weeding and hoeing should be done in the June sown maize crop. The top dressing of urea should be done when crop attains the height of around 2 feet.
GREEN GRAM (Sowing)	The best time for sowing moong in Tarai-Bhabhar and plains is the second fortnight of July and 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.
BLACK GRAM (Sowing)	The best time for sowing urd in Tarai-Bhabhar and plains is the second fortnight of July and 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.

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. Proper drainage should be made because excess amount of water for about 24 hours in the field dries up the crop.
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.
CAULIFLOWER (Seedling Growth)	The weeding and hoeing should be done in the transplanted crop.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.
COW	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.

Likely impacts of weather warnings (General)

No impact.

Impact based advisories (General)

No advisory.

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>