



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 : 2026-07-24

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-07-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-25	2026-07-26	2026-07-27	2026-07-28	2026-07-29
Rainfall(mm)	3.0	3.0	1.0	17.0	90.0
Tmax(°C)	34.0	32.0	33.0	34.0	31.0
Tmin(°C)	27.0	27.0	28.0	28.0	26.0
RH-I(%)	81	82	82	88	95
RH-II(%)	52	49	46	50	75
Wind Speed(kmph)	7	7	3	3	7
Wind Direction(Degree)	130	140	150	145	155
Cloud Cover(Octa)	6	7	5	7	8
Warning	No Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (17-23 July) 121.6 mm rainfall was recorded and the maximum-minimum temperature ranged between 27.2 to 33.2oC and 24.5 to 27.0oC, respectively. The morning and evening relative humidity ranged between 78-98% and 65-85%, respectively. The wind blew from south-east, south-east-south and south-south-east direction at a speed ranging 4.5-10.4 kmph. The weather was humid and warm on few days last week. The upcoming week predicts light to very heavy rainfall of 3 to 90 mm in the upcoming week and the maximum-minimum temperature is expected to vary between 31.0 to 34.0 degree celsius and 27.0 to 28.0 degree celsius. Yellow warning for thunderstorm, lightning, squall has been given for isolated places from 25 till 27 July while similar conditions with very heavy rainfall is expected to continue on 28 July as well.

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

Yellow warning regarding the occurrence of thunderstorms, lightning, squall, etc. at isolated places

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

The harvested produce should be kept in a well covered place. Postpone application of fertilizers, herbicide and pesticide under predicted weather conditions. Always maintain proper drainage channels in the fields to avoid water logging under intense rainfall. Keep the animals in covered place and avoid keeping them in the open.

General Advisory:

The farmers and other related community can download the “Mausam” and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in agricultural operations. 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 24.07.2026 to 30.07.2026.

SMS Advisory:

As per IMD predictions the farming operations such as application of fertilizers, herbicides and pesticides should be postponed and proper drainage channels should be maintained in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Gap filling should be done in the plots where seedlings have been damaged and fertilizers/weedicides should be applied to the transplanted crop under clear weather 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 under clear weather conditions.
MAIZE (Germination)	Water logging should be avoided. Weeding/ hoeing operations and top dressing of urea at the crop height of round 2 feet should be done in the under clear weather conditions.
GREEN GRAM (Sowing)	Seed sowing should be done with treated mung seeds using bio-controller Trichoderma powder @5 gm/kg along with biofertilizers like Rhizobium and P.S.B. @200 gm / 10 kg. The sowing should be scheduled under clear weather conditions.
GROUNDNUT (Vegetative)	In groundnut, weeding should be done under clear weather conditions. Application of pre emergence herbicide should also be done under clear weather conditions. Any chemical spraying should be done on dry days.
SESAME (GINGELLY/TIL) (Sowing)	The sowing operation should be done under clear weather conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI (Transplanting)	Chilli transplanting can be done on the ridges to avoid damage due to water logging with row to row and plant to plant distance of 50cm. Provide proper drainage as excess amount of water for about 24 hours in the field dries up the crop. Transplanting should be scheduled under clear weather conditions.
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. Any chemical spray against disease occurrence should be scheduled under clear weather conditions.
CAULIFLOWER (Transplanting)	Proper drainage should be maintained in the field and weeding/hoeing operations should be scheduled under clear weather conditions.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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

Live Stock	Live Stock Specific Advisory
	Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
COW	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, disruption in regular farming and routine activities, chances of accidents and risk to lives.

Impact based advisories (General)

Proper drainage should be maintained in the field and avoid going out under adverse weather conditions. Keep the livestock animals in shed.

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>