



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 : 2026-07-17

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-07-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-18	2026-07-19	2026-07-20	2026-07-21	2026-07-22
Rainfall(mm)	15.0	45.0	60.0	45.0	40.0
Tmax(°C)	34.0	32.0	30.0	30.0	29.0
Tmin(°C)	26.0	25.0	24.0	23.0	23.0
RH-I(%)	78	86	89	89	95
RH-II(%)	57	56	64	64	76
Wind Speed(kmph)	7	8	12	12	14
Wind Direction(Degree)	82	97	100	102	104
Cloud Cover(Octa)	8	7	7	7	8
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (10 -16 July) 59.6 mm rainfall was recorded and the maximum-minimum temperature ranged between 30.9 to 35.8oC and 25.3 to 28.8oC, respectively. The morning and evening relative humidity ranged between 82-97% and 63-81%, respectively. The wind blew from south-east, west south-east, west-north-west, south-west and west-south-west direction at a speed ranging 1.0-11.5 kmph. The weather was humid and warm on most days last week. The upcoming week predicts heavy to very heavy rainfall varying between 15 to 60 mm while maximum-minimum temperature is expected to vary between 29 to 34 degree celsius and 23 to 26 degree celsius, respectively. The wind is expected to blow from east-south and east-north direction at a speed of 7-14 kmph. Yellow warnings have been issued for heavy rain accompanied by thunderstorm, lightning, squall at isolated places on 17, 18, 20 and 21 July while orange warning has been issued regarding very heavy rainfall accompanied by similar weather conditions on 19 July. Thus, heavy rainfall events have been predicted in the upcoming week so actions should be taken appropriately and one should keep themselves safe.

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

Heavy rainfall accompanied by thunderstorm, lightning, squall

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, impact on germination and disruption in sowing operation. Disruption in chemical applications and prevent application under heavy rainfall forecast. Provide proper drainage in the cropped fields and delay sowing. Schedule chemical application after the forecast

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 normal rainfall, above normal maximum and normal minimum temperature trend during 17.07.2026 to 23.07.2026.

SMS Advisory:

As per the forecast, heavy to very heavy rainfall has been predicted so proper drainage should be maintained in the field and postpone any kind of chemical spray to later days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Avoid irrigating the transplanted rice crop and maintain proper drainage in the fields to avoid damage to transplanted seedling. Avoid fertilizer and any other chemical application in the crop and schedule it for later days.
SOYABEAN (Sowing)	The sowing operation should be delayed and avoid irrigating the freshly sown crop. Provide proper drain age in the already sown crop to prevent damage to fresh seedlings.
SUGARCANE (Vegetative)	As heavy rainfall has been predicted so there are chances of water logging. Provide proper drainage in the fields. The earthing up and tying operations in the sugarcane crop should be delayed.
MAIZE (Vegetative)	Proper drainage should be maintained in the already sown maize crop. The sowing of the maize crop should be delayed and application of urea fertilizer and other regular farming operations should also be delayed under current heavy rainfall predictions.
BLACK GRAM (Sowing)	The sowing of the urad crop should be delayed under predicted weather conditions.
GREEN GRAM (Sowing)	The sowing of kharif mung crop should be delayed under predicted weather conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Seedling Growth)	The weeding-hoeing operations should be scheduled after the rains and provide proper drainage.
OKRA/ LADYFINGER (Sowing)	Sowing should be delayed and proper drainage should be maintained in the already sown crop.
PUMPKIN (Harvesting)	Harvest the mature pumpkin crop and provide proper drainage. Any chemical spray should be delayed.

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

Live Stock	Live Stock Specific Advisory
	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)

Disruption in daily routine activities and farming activities. Chances of accidents, drenching in rain and deaths may also occur if not taken the warning seriously. Health may be impacted of the animals.

Impact based advisories (General)

Avoid going out much, keep indoors under heavy rains, avoid visiting near rivers, ponds, water falls or other water body. Eat healthy and increase immunity to prevent spread of infectious diseases. Keep the animals under shed with warm conditions. Keep their living area clean, warm and free from mosquitos.

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>