



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 : 10-07-2026

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2026-07-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-11	2026-07-12	2026-07-13	2026-07-14	2026-07-15
Rainfall(mm)	35.0	15.0	7.0	5.0	5.0
Tmax(°C)	30.0	32.0	33.0	33.0	33.0
Tmin(°C)	26.0	26.0	26.0	26.0	26.0
RH-I(%)	87	90	91	87	83
RH-II(%)	56	64	63	53	42
Wind Speed(kmph)	9	5	10	7	7
Wind Direction(Degree)	61	56	84	360	360
Cloud cover(octa)	6	5	4	4	5
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	No Warning	No Warning	Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (3 -9 July) 142.2 mm rainfall was recorded and the maximum-minimum temperature ranged between 29.1 to 36.0oC and 22.9 to 28.1oC, respectively. The morning and evening relative humidity ranged between 74-97% and 54-89%, respectively. The wind blew from east-south-east, south, north-north-east and north-west direction at a speed ranging 0.2-10.8 kmph. The weather was rainy and windy on most days last week. The upcoming week predicts heavy to very heavy rainfall where the amount may vary between 5-35 mm. Maximum-minimum temperature are expected to be between 30.0-33.0oC and 26.0oC, respectively. The wind is expected to blow from north, east-north-east and east-north direction at a speed of 5-10 kmph. Orange warning has been issued regarding the occurrence of very heavy rainfall accompanied by thunderstorms/lightning, squall for 10 July and similar conditions are expected to continue with heavy rainfall on 11 and 14 July for which yellow warning has been issued. Light rainfall may occur on the remaining days.

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

Very heavy rainfall warning has been issued

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Damage to germination and disruption in farming operations. Water logging and spoilage of harvested horticultural produce. The sowing operation should be delayed as the soil will be too wet and proper drainage channels should be maintained in the crop fields. The harvested horticultural produce should be sent for sale immediately or stored properly.

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, above normal maximum and normal minimum temperature trend during 10.07.2025 to 16.07.2025.

SMS Advisory:

Heavy rainfall alert has been issued so proper drainage should be maintained in the field and sowing operations should be delayed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Proper drainage should be provided in the fields and any kind of chemical application should be postponed and scheduled after the rains. Gap filling should be done in case of damage to seedlings under heavy rainfall.
GROUNDNUT (Sowing)	Proper drainage should be maintained in the already sown crop and the remaining sowing should be postponed after heavy rains.
SOYABEAN (Sowing)	Drainage channels should be maintained in the already sown crops and sowing operations should be scheduled for later days after heavy rainfall.
SUGARCANE (Vegetative)	Proper drainage should be maintained in the fields and earthing up operations should be scheduled on later days when the soil becomes optimally dry.
MAIZE (Sowing)	Sowing of the crop should be postponed and the sowing after rains should be practiced on the ridges.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Maturity and Harvesting)	The mature crop should be harvested and stored properly. Any kind of chemical spray should be postponed and scheduled after heavy rainfall.
TOMATO (Harvesting)	Farmers should harvest the ripe tomato crop and immediately send the harvested produce to market to avoid spoilage. After the rains, the possibility of getting disease is more, keeping the weather forecast in mind, complete the work of harvesting as soon as possible so that the crop can be taken to the market in time. The mature fruit should be harvested and any kind of spray for the disease/pests should not be scheduled on heavy rainfall days.
CHILLI (Flowering)	Provide proper drainage and harvest mature chilli for sale. After rainfall there is a possibility of occurrence of sucking pests so any kind of chemical application should be scheduled for later days when the weather is clear.
OKRA/ LADYFINGER (Sowing)	The sowing should be delayed under predicted heavy rainfall conditions and sowing should be scheduled when there is optimum moisture in the field. Sowing should be avoided under heavily wet soil conditions.

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

Live Stock	Live Stock Specific Advisory
	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)

Disruption in daily official and home activities. Increase in damage to life and property. Increase in disease occurrence and spread. Increase in infectious disease occurrence and spread in livestock.

Impact based advisories (General)

One should try to leave home less. Eat healthy food to maintain immunity. Keep yourself safe. Keep the livestock inside their sheds and keep the surrounding of the shed clean and tidy to avoid spread of diseases.

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>