



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 : 2025-07-11

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-07-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-12	2025-07-13	2025-07-14	2025-07-15	2025-07-16
Rainfall(mm)	5.0	5.0	10.0	15.0	15.0
Tmax(°C)	33.0	34.0	35.0	35.0	34.0
Tmin(°C)	27.0	27.0	26.0	26.0	26.0
RH-I(%)	70	75	80	90	75
RH-II(%)	44	38	43	45	50
Wind Speed(kmph)	4	4	6	8	8
Wind Direction(Degree)	90	140	120	110	100
Cloud Cover(Octa)	4	4	6	7	8
Warning	No Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (4 to 10 July), the region experienced 92.8 mm rainfall with the maximum-minimum temperature ranging 29.1 to 34.1oC and 24.1 to 28.0oC, respectively. The morning and evening relative humidity varied between 73-96% and 65-89%, respectively while the wind blew from south-south-west, south, east-south-east and east t a speed ranging 1.0-5.4 kmph. Most of the days were rainy days last week. The upcoming forecast shows light rainfall of 5-15 mm from 11-15 July and maximum-minimum temperature are expected to vary as 33.0-35.0oC and between 26.0-27.0oC, respectively. The wind is expected to blow from east, south-east, south-east-east and east-south-east direction at a speed of 4-8 kmph. Yellow warning has been issued regarding the occurrence of thunderstorm accompanied with lightning/intense rain spell at isolated places for 12, 14 and 15 July. Yellow alert regarding the occurrence of heavy rain accompanied by similar thunderstorm conditions has been issued for 13 July.

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

Yellow warning has been issued regarding thunderstorms accompanied by lightning/intense rain spell for most of the days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Under heavy rainfall conditions, disruption in sowing operations and damage to transplanted seedlings, spoilage of harvested produce . The sowing operations should be delayed and in case of damage to rice seedlings gap filling should be done and the harvested horticultural produce should be stored well or sent to the markets for immediate sale.

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 and normal maximum-minimum temperature trend during 11.07.2025 to 17.07.2025.

SMS Advisory:

As per IMD, yellow warnings have been issued for most of the days so sowing should be scheduled on light rainfall days and proper drainage should be provided under heavy rainfall condition.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Gap filling in case of damaged seedlings should be done. Proper drainage should be maintained in the field. The chemical application should be delayed under the current weather conditions and scheduled after the rains.
GROUNDNUT (Sowing)	Proper drainage should be maintained in the already sown crop and sowing of the crop should be scheduled on light rainfall days.
SOYABEAN (Sowing)	Proper drainage should be maintained in the already sown crop and sowing of the crop should be scheduled on light rainfall days.
SUGARCANE (Vegetative)	Provide proper drainage in the field and earthing operations (putting soil on the root surface) should be done on light rainfall days.
MAIZE (Sowing)	Sowing of maize should be done on the ridges to avoid water stagnation and it should be scheduled on light rainfall days. Proper drainage should be provided in the already sown crop.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Maturity and Harvesting)	Harvesting of the mature fruits should be done and proper storage should be provided. Chemical applications should be avoided under heavy rainfall conditions.
TOMATO (Harvesting)	Farmers should harvest the ripe tomato crop. 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. The mature fruits should be provided polynets/shadenets and they should be immediately sent to market after harvesting to avoid spoilage.
OKRA/ LADYFINGER (Sowing)	Okra sowing during the rainy season should be scheduled for light rainfall days. Before sowing, treat the seeds with fungicide and keep the sowing distance of 60 cm from row to row and 30 cm from plant to plant and uproot the remaining plants. Weeding-hoeing operations and proper drainage should be maintained in the already sown crop.
CHILLI (Harvesting)	After rain, sap sucking insects become common in chillies after rains, hence chemical application should be scheduled on light rainfall days. Avoid chemical application under heavy rainfall predictions. Harvest mature chilli and provide proper drainage in the chilli field as 24 hrs of stagnant water might lead to drying of the chilli leaves.
CAULIFLOWER (Transplanting)	Proper drainage should be provided in the field of early transplanted cauliflower variety.

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

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.
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)

Under heavy rainfall, disruption in sowing operations and regular farming activities, spoilage of harvested produce, water logging and damage to transplanted seedlings.

Impact based advisories (General)

The sowing should and other farming operations should be scheduled on light rainfall days, the harvested produce should be sent to the market for sale or stored properly, provide proper drainage in the fields, the damaged seedling in transplanted rice should be replaced.

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>