



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 : 2025-07-15

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-07-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-16	2025-07-17	2025-07-18	2025-07-19	2025-07-20
Rainfall(mm)	8.0	10.0	11.0	5.0	3.0
Tmax(°C)	33.0	33.0	32.0	31.0	35.8
Tmin(°C)	26.2	26.2	26.4	26.8	27.4
RH-I(%)	79	83	85	82	76
RH-II(%)	50	50	56	51	45
Wind Speed(kmph)	7	6	8	4	2
Wind Direction(Degree)	320	79	360	101	27
Cloud Cover(Octa)	7	8	7	5	4
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	No Warning

Forecast Summary:

Last week (8 to 14 July), the region experienced 105.6 mm rainfall with the maximum-minimum temperature ranging 29.1 to 34.5°C and 24.1 to 26.9°C, respectively. The morning and evening relative humidity varied between 80-95% and 61-89%, respectively while the wind blew from east-south-east, east, south-east, south-south-east and north at a speed ranging 1.0-6.4 kmph. Most of the days were rainy days last week. The upcoming forecast shows light rainfall of 3-11 mm from 15-19 July and maximum-minimum temperature are expected to vary as 31.0-36.0°C and between 26.0-27.0°C, respectively. The wind is expected to blow from north-west, east-north, north, east-south and north-north-east direction at a speed of 2-8 kmph. On 15 July yellow warning has been issued regarding thunderstorm accompanied with lightning / intense to very intense rain spell with gusty wind (30-40 Kmph) at isolated places. Similar thunderstorm conditions may continue on 16, 18 & 19 July while on 17 July heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell is likely to occur at isolated places for which yellow alert has been issued.

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

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

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Damage seedlings and harvested produce. The damage seedlings should be replaced and the harvested produce should be stored well.

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 18.07.2025 to 24.07.2025.

SMS Advisory:

Thunderstorm/lightning , gusty wind (30-40 kmph) are expected so gap filling should be done in case of damaged seedling in transplanted rice and the harvested produce should be stored well .

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Gap filling should be done in case of damaged seedlings and proper drainage should be maintained in the field. The chemical application should be scheduled on non-windy days.
GROUNDNUT (Sowing)	The crop sowing can be done in the coming week as light rainfall has been predicted.
SOYABEAN (Sowing)	The crop sowing can be done in the coming week as light rainfall has been predicted.
SUGARCANE (Vegetative)	The earthing operations (putting soil on the root surface) should be done.
MAIZE (Sowing)	Sowing of maize should be done on the ridges to avoid water stagnation and help in water conservation.

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 scheduled on dry days.
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 be scheduled on dry 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 as light rainfall has been predicted. 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 should be maintained in the already sown crop.
CHILLI (Fruit formation)	After rain, sap sucking insects become common in chillies, hence chemical application should be scheduled on dry days. Harvest mature chilli and don't let water stagnate in the chilli field as 24 hrs of stagnant water might lead to drying of the chilli leaves.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.

Live Stock	Live Stock Specific Advisory
COW	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.

Likely impacts of weather warnings (General)

Damage to rice seedlings and harvested horticultural produce.

Impact based advisories (General)

The damaged rice seedlings should be replaced and the harvested horticultural produce should be immediately sent for sale or stored properly.

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>