



**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 : 2025-07-08**

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

Parameter	2025-07-09	2025-07-10	2025-07-11	2025-07-12	2025-07-13
Rainfall(mm)	15.0	15.0	10.0	10.0	12.0
Tmax(°C)	33.0	31.0	32.0	32.0	33.0
Tmin(°C)	26.0	25.0	25.0	25.0	26.0
RH-I(%)	95	95	90	90	90
RH-II(%)	65	65	60	60	60
Wind Speed(kmph)	4	6	8	6	6
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	7	7	7	7	6
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

### **Forecast Summary:**

During last week (1-7 July) 51.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 27.0 to 34.2oC and 24.9 to 28.0oC, respectively. The morning and evening relative humidity ranged between 73-90% and 63-83%, respectively. The wind blew from south, south-south-east, south-east, east-north-east and south-south-west direction at a speed ranging 0.7-5.4 kmph. The weather was cloudy and rainy on most of the days last week. The upcoming week predicts light rainfall of 10-15 mm and maximum-minimum temperature varying between 31.0-33.0oC and 25.0-26.0oC, respectively. The wind is expected to blow from south-east direction at a speed of 6-7 kmph. Yellow warning has been issued regarding the occurrence of thunderstorm accompanied with lightning/intense rain spell at isolated places from 8-12 July.

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

Yellow warning has been issued regarding the occurrence of thunderstorm accompanied by lightning/intense rain spell at isolated places.

### **Likely impacts of weather warnings on Agriculture and associated Agromet advisories**

Damage to fresh seedlings and germination, disruption in sowing and farming activities, spoilage of mature/harvested horticultural produce. Under intense rain spells proper drainage should be provided and sowing should be delayed, the mature horticultural produce should be harvested and stored properly or sent to the market immediately

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

#### SMS Advisory:

As per IMD, thunderstorms/lightning and intense rain spell has been predicted so any kind of spraying operation should be delayed and proper drainage should be provided under intense rain spells.

#### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Transplantation of rice should be completed and it should be done at row to row distance of 20 cm and plant to plant distance of 10 cm or 15 cm on both sides at 2-3 cm depth. In case of damage to seedlings, gap filling should be done.
GROUNDNUT (Sowing)	Sowing can be delayed and proper drainage should be provided in already sown crop under intense rainfall conditions.
SOYABEAN (Sowing)	Sowing can be delayed and proper drainage should be provided in already sown crop under intense rainfall conditions.
SUGARCANE (Vegetative )	Provide proper drainage in the field under intense rainfall conditions and the farming operation such as earthing up should be done under clear conditions.
MAIZE (Sowing)	Sowing of maize needs to be done on ridges to avoid water stagnation and sowing should be delayed under intense rainfall.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Harvesting)	Harvesting of the mature fruits should be done and proper storage should be provided. The chemical application should be delayed and scheduled under clear 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 be scheduled under clear 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)	Sowing can be delayed.
CHILLI (Flowering)	After rain, sap sucking insects become common in chillies, hence regular monitoring is required. The chemical application should be scheduled on clear days. Harvest mature chilli and provide proper drainage in the chilli field.
GINGER	Regular farming operations should be scheduled on clear days and proper drainage should be provided under intense rain spell.
TURMERIC	Regular farming operations should be scheduled on clear days and proper drainage should be provided under intense rain spell.

#### 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

Live Stock	Live Stock Specific Advisory
	possibility of rain stagnation in the cattle shed and provide proper drainage system.
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)

Delay in sowing and other farming operations, water logging under intense rain spell, spoilage of mature/harvested horticultural produce.

### Impact based advisories (General)

The sowing and chemical application operations should be scheduled on clear days, proper drainage channels should be provided under water logging, the harvested produce should be stored well or send immediately for sale.

**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>**