



**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 : 2025-07-29**

**Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-07-29 (Valid Till 08:30 IST of the next 5 days)**

Parameter	2025-07-30	2025-07-31	2025-08-01	2025-08-02	2025-08-03
Rainfall(mm)	8.0	9.0	9.0	12.0	34.0
Tmax(°C)	32.0	34.0	34.0	32.0	31.0
Tmin(°C)	26.0	25.0	25.0	26.0	26.0
RH-I(%)	90	75	80	80	86
RH-II(%)	60	52	53	53	55
Wind Speed(kmph)	8	9	8	6	2
Wind Direction(Degree)	130	130	140	130	160
Cloud Cover(Octa)	7	6	5	5	7
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 (22-28 July) 85.2 mm rainfall was recorded and the maximum-minimum temperature ranged between 31.2 to 37.0°C and 24.4 to 27.6°C, respectively. The morning and evening relative humidity ranged between 83-94% and 53-77%, respectively. The wind blew from west, west-north-west, south, south-south-west, north-west direction at a speed ranging 1.6-4.3 kmph. The weather was clear on most days last week. The upcoming week predicts light to moderate rainfall of 8-34 mm and maximum-minimum temperature varying between 31.0-34.0°C and 25.0-26.0°C, respectively. The wind is expected to blow from south-east, south-east-south and south-south-east direction at a speed of 2-9 kmph. Yellow warning regarding occurrence of thunderstorm accompanied with lightning/intense rain spell has been given for 29-30 July and 2 August at isolated places. Similar conditions of lightning thunderstorm has been predicted with yellow alerts at isolated places on 31 July and 1 August.

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

Thunderstorm conditions accompanied by lightning and intense rain spell has been predicted.

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

Water logging, impact on transplanted and new seedlings. Proper drainage should be provided in the field and gap filling should be done on damage to transplanted seedlings.

### **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 and minimum temperature trend during 01.08.2025 to 07.08.2025.

### SMS Advisory:

As per IMD forecast thunderstorm/lightning and intense rain spell has been predicted so the farming activities should be postponed.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	The transplanting operation should be completed on light rainfall days and any type of weedicide application should be avoided under the predicted conditions.
SUGARCANE (Vegetative )	In case of water logging proper drainage should be provided. The farming activities should be scheduled on light rainfall days or after the rainfall prediction.
MAIZE (Germination)	Avoid water logging and provide proper drainage in case of heavy rainfall. All the other farming activities can be done on light rainfall days or after this week.
GREEN GRAM (Sowing)	Sowing of the crop can be done under light rainfall conditions or postponed for this week.
GROUNDNUT (Vegetative )	All the farming operations like weeding and chemical application should be postponed.
SESAME (GINGELLY/TIL) (Sowing)	Sowing of the crop can be done under light rainfall conditions or postponed for this week.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI (Transplanting)	The transplanting can be done on light rainfall days on the ridges to avoid water logging with row to row and plant to plant distance of 50 cm. Provide drainage in case of water logging.
TOMATO (Vegetative )	The infected plants should be destroyed and application of any chemical for viral diseases or sap-sucking pests should be postponed.
CAULIFLOWER (Transplanting)	Proper drainage should be maintained in the field and regular farming activities should be postponed

### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
COW	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.

### Likely impacts of weather warnings (General)

Water logging under intense rain spell conditions.

#### **Impact based advisories (General)**

Provide proper drainage and any kind of chemical application should be postponed.

**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>**