



**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 : 2026-07-07**

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

| Parameter              | 2026-07-08                                        | 2026-07-09                            | 2026-07-10                            | 2026-07-11                                        | 2026-07-12                            |
|------------------------|---------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------|---------------------------------------|
| Rainfall(mm)           | 20.0                                              | 5.0                                   | 10.0                                  | 15.0                                              | 10.0                                  |
| Tmax(°C)               | 32.0                                              | 32.0                                  | 32.0                                  | 32.0                                              | 32.0                                  |
| Tmin(°C)               | 24.0                                              | 24.0                                  | 23.0                                  | 23.0                                              | 23.0                                  |
| RH-I(%)                | 76                                                | 77                                    | 83                                    | 89                                                | 90                                    |
| RH-II(%)               | 54                                                | 49                                    | 49                                    | 53                                                | 48                                    |
| Wind Speed(kmph)       | 8                                                 | 8                                     | 8                                     | 8                                                 | 2                                     |
| Wind Direction(Degree) | 360                                               | 93                                    | 92                                    | 360                                               | 104                                   |
| Cloud Cover(Octa)      | 6                                                 | 5                                     | 5                                     | 6                                                 | 7                                     |
| Warning                | Heavy Rain; Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc |

### **Forecast Summary:**

During last week (30 June-6 July) 142.0 mm rainfall was recorded and the maximum-minimum temperature ranged between 26.1 to 36.0oC and 23.6 to 28.1oC, respectively. The morning and evening relative humidity ranged between 74-98% and 54-95%, respectively. The wind blew from east, north-west, east-south-east, south and north-north-east and east-south-east direction at a speed ranging 0.9-4.7 kmph. The weather was rainy on most days last week. The upcoming week predicts medium to heavy rainfall where the amount may vary between 10-20 mm or more. Maximum-minimum temperature are expected to be 32.0oC and 23.0-24.0oC, respectively. The wind is expected to blow from east-south and north direction at a speed of 2-8 kmph. Yellow warning has been issued regarding the occurrence of heavy rain accompanied by thunderstorms/lightning, squall and strong surface winds for 7 and 10 July while light rainfall accompanied by similar conditions is expected on other days.

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

Heavy rainfall warning has been issued

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

Damage to fresh seedlings and germination, disruption in sowing and other regular farming activities, spoilage of mature/harvested horticultural produce. Proper drainage channels should be provided and sowing should be delayed, the mature horticultural produce should be harvested and stored properly or sent to the market for sale immediately. In case of transplanted rice or nursery, the water level needs to be maintained so proper bunds should be prepared to help collected rainwater to stand.

**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 updates 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 normal minimum temperature trend during 10 to 16 July.

**SMS Advisory:**

As per IMD, yellow warning regarding heavy rainfall has been given so proper drainage should be maintained and sowing operations should be delayed.

**Crop Specific Advisory:**

| Crop (Stage)            | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Transplanting)    | The transplantation of rice seedlings should be continued. The rice seedling should be placed 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 seedling damage under heavy rainfall condition, gap filling should be done. Maintain the bunds to conserve water in the rice plot itself. |
| GROUNDNUT (Sowing)      | The sowing operation in the crop should be delayed and scheduled on later days while in case of already sown groundnut crop proper drainage should be provided in the field to prevent impact on germination and seedling damage.                                                                                                                               |
| SOYABEAN (Sowing)       | The sowing operation should be delayed under heavy rainfall conditions and scheduled on later days. Proper drainage should be provided in the already sown soybean field to avoid seedling damage and damage to germination.                                                                                                                                    |
| SUGARCANE (Vegetative ) | Proper drainage should be maintained in the sugarcane field and the earthing up operations should be taken up when the weather is clear.                                                                                                                                                                                                                        |
| MAIZE (Sowing)          | Sowing of maize crop should be delayed under heavy rainfall conditions. After rainfall under clear conditions maize sowing should be done on ridges to avoid water stagnation.                                                                                                                                                                                  |

**Horticulture Specific Advisory:**

| Horticulture (Stage)      | Horticulture Specific Advisory                                                                                                                                                                                                     |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PUMPKIN (Harvesting)      | The mature pumpkin should be harvested and stored well or sent for sale immediately. Any kind of chemical spray against disease/pest should be scheduled for later days when weather is clear.                                     |
| TOMATO (Harvesting)       | Tomatoes should be harvested and sent for sale immediately. Infestation of pest/disease is common after rains in the crop so any chemical spray should be scheduled on later days when 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.                     |
| 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. |
| GINGER                    | Proper drainage should be maintained.                                                                                                                                                                                              |
| GARLIC                    | Proper drainage should be maintained.                                                                                                                                                                                              |

**Live Stock Specific Advisory:**

| Live Stock | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BUFFALO    | Get animals vaccinated to protect them from infectious diseases under current weather conditions. Protect the 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 is suggested. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage to avoid spread of diseases. |

| Live Stock | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW        | Get animals vaccinated to protect them from infectious diseases under current weather conditions. Protect the 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 is suggested. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage to avoid spread of diseases. |

### Likely impacts of weather warnings (General)

Heavy rainfall has been predicted so it may impact the daily activities. It may cause harm to livestock and spread infectious disease on water stagnation.

### Impact based advisories (General)

People are suggested to avoid extensive travelling particularly to mountainous region. Avoid farming operations under heavy rainfall conditions and keep the animals under shade. Avoid stagnation of water around the livestock shed to prevent spread of infectious 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>**