



**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 : 2026-07-14**

**Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2026-07-14 (Valid Till 08:30 IST of the next 5 days)**

| Parameter              | 2026-07-15 | 2026-07-16 | 2026-07-17 | 2026-07-18                            | 2026-07-19                            |
|------------------------|------------|------------|------------|---------------------------------------|---------------------------------------|
| Rainfall(mm)           | 0.0        | 0.0        | 3.0        | 4.0                                   | 2.0                                   |
| Tmax(°C)               | 36.0       | 37.0       | 34.0       | 33.0                                  | 33.0                                  |
| Tmin(°C)               | 27.0       | 28.0       | 26.0       | 25.0                                  | 25.0                                  |
| RH-I(%)                | 78         | 83         | 84         | 77                                    | 73                                    |
| RH-II(%)               | 46         | 46         | 54         | 44                                    | 44                                    |
| Wind Speed(kmph)       | 3          | 10         | 5          | 4                                     | 5                                     |
| Wind Direction(Degree) | 98         | 102        | 99         | 360                                   | 98                                    |
| Cloud Cover(Octa)      | 5          | 6          | 7          | 6                                     | 7                                     |
| Warning                | No Warning | No Warning | No Warning | Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc |

### **Forecast Summary:**

During last week (7 -13 July) 191.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 29.1 to 35.5oC and 22.9 to 28.8oC, respectively. The morning and evening relative humidity ranged between 83-97% and 63-89%, respectively. The wind blew from north-west, east-south-east, east, south-east and west direction at a speed ranging 0.2-11.5 kmph. The weather was rainy on most days last week. The upcoming week predicts very light drizzle or rainfall varying between 2 to 4mm while maximum-minimum temperature is expected to vary between 33 to 37 degree celsius and 25 to 28 degree celsius, respectively. The wind is expected to blow from east-south and north direction at a speed of 3-10 kmph. No warning has been issued for 14, 15 & 16 July while yellow warnings regarding the occurrence of thunderstorms, lightning, squall, etc. is has been given for 17 & 18 July.

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

No significant agriculture based warning

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

No significant warning. Farmers are advised to do their sowing and if pest and disease control measures are required then apply the required chemical spray.

### **General Advisory:**

The farmers and other related community can download the "Mausam" and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in

agricultural operations. 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, above normal maximum and normal minimum temperature trend during 10.07.2025 to 16.07.2025.

### SMS Advisory:

No significant warning has been issued so farmers are advised to apply fertilizer in the transplanted rice field, apply chemical spray in horticultural crops as required and complete sowing.

### Crop Specific Advisory:

| Crop (Stage)            | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Transplanting)    | Basal dose of nitrogen should be applied at the time if transplanting. Pre emergence herbicides like Pretilachlor (1.5 kg/ha) or Butachlor (1.0-1.5 kg/ha) should be used 3-5 days after transplanting to avoid weed occurrence. Also maintain water level of 3-5 cm at least till 7-10 days after application. Apply irrigation if required by the transplanted rice crop. |
| GROUNDNUT (Sowing)      | Sowing can be done in the upcoming weeks while in the lowland areas where water gets collected sowing should be done when the soil contains optimum moisture and is not very wet.                                                                                                                                                                                           |
| SOYABEAN (Sowing)       | Sowing can be done in the upcoming weeks @65-70 kg/ha with row to row spacing of 35 to 40 cm while in the lowland areas where water gets collected sowing should be done when the soil contains optimum moisture and is not very wet.                                                                                                                                       |
| SUGARCANE (Vegetative ) | The earthing operation of putting soil on the root surface should be completed.                                                                                                                                                                                                                                                                                             |
| 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 (Harvesting)             | Proper storage should be provided to the harvested crop.                                                                                                                                                                                                                                                                           |
| TOMATO (Maturity and Harvesting) | Farmers should harvest the ripe tomato crop. After the rains, the possibility of getting disease is more so crop should be regularly monitored. The harvested produce should be sent for sale to the market immediately.                                                                                                           |
| OKRA/ LADYFINGER (Sowing)        | The sowing should be done and before sowing, treat the seeds with fungicide. The sowing distance of 60 cm from row to row and 30 cm from plant to plant should be maintained. Uproot the extra 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 crop should be monitored. 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. In case of white fly attack small population can be controlled using yellow sticky traps. |

### 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 |
| 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                                                                                      |

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

**Likely impacts of weather warnings (General)**

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|------------------------|
| No significant warning |
|------------------------|

**Impact based advisories (General)**

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| People are suggested to drink enough water under humid conditions and maintain clean and sanitized surroundings to avoid disease spread and mosquito breeding. |
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**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>**