



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for NAINITAL District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## **Agromet Advisory Bulletin**

Date : 2026-07-31

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-07-31 (Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2026-08-01                                        | 2026-08-02                            | 2026-08-03                                        | 2026-08-04                                        | 2026-08-05                                        |
|------------------------|---------------------------------------------------|---------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Rainfall(mm)           | 25.0                                              | 15.0                                  | 35.0                                              | 40.0                                              | 25.0                                              |
| Tmax(°C)               | 21.0                                              | 22.0                                  | 21.0                                              | 19.0                                              | 20.0                                              |
| Tmin(°C)               | 15.0                                              | 15.0                                  | 14.0                                              | 13.0                                              | 14.0                                              |
| RH-I(%)                | 91                                                | 93                                    | 94                                                | 96                                                | 96                                                |
| RH-II(%)               | 68                                                | 63                                    | 77                                                | 76                                                | 80                                                |
| Wind Speed(kmph)       | 5                                                 | 7                                     | 5                                                 | 4                                                 | 4                                                 |
| Wind Direction(Degree) | 130                                               | 120                                   | 140                                               | 140                                               | 120                                               |
| Cloud Cover(Octa)      | 7                                                 | 7                                     | 8                                                 | 8                                                 | 6                                                 |
| Warning                | Heavy Rain; Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc |

### Forecast Summary:

In the upcoming week expected rainfall is to vary from light to heavy ranging from 15 to 40 mm. The maximum-minimum temperature are expected to vary between 19-22 and 13-15 degree celsius, respectively. The wind is predicted to blow from south-east, south-east-east and south-east-south direction at a speed of 4-7 kmph. Yellow warnings have been issued regarding the occurrence of heavy rainfall, thunderstorm, lightning and squall for the upcoming week so farmers are recommended to maintain proper drainage in the field.

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

Yellow warning regarding the occurrence of heavy rainfall, thunderstorm, lightning, squall

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

Waterlogging, disruption in regular farming activities like sowing and other spray operations, spoilage of harvested horticultural produce, impact on germination. Proper drainage should be maintained in the crop fields and those freshly sown. The spraying and fertilizer application should be postponed. The harvested produce should be stored well in a covered place or it should be sent immediately for sale.

### 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 normal rainfall, maximum and minimum temperature trend during 31.07.2026 to 06.08.2026.

### SMS Advisory:

As per IMD warnings, heavy rainfall has been issued so proper drainage should be maintained in the cropped fields and the harvested produce should be stored well or sent immediately for sale.

### Crop Specific Advisory:

| Crop (Stage)                              | Crop Specific Advisory                                                                                                                                                                                                  |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Seedling Growth)                    | The farming operations should be postponed for the time being under heavy rainfall predictions and the application of urea should be postponed for clear days.                                                          |
| MAIZE (Germination)                       | As heavy rainfall has been predicted so the urea application and other weeding-hoeing operations should be postponed and avoided under predicted weather conditions. Proper drainage should be maintained in the field. |
| FINGER MILLET (Germination)               | The crops should be regularly monitored and the weeding-hoeing operations should be postponed under the current predicted heavy rainfall conditions. Proper drainage should be maintained in the field.                 |
| PIGEON PEA (RED GRAM/ARHAR) (Vegetative ) | Keep monitoring the crop and the weeding operations should be postponed under the predicted heavy rainfall conditions. Proper drainage should be maintained.                                                            |
| SOYABEAN (Sowing)                         | Sowing of the crop should be postponed for clear weather conditions and proper drainage should be maintained in the already sown crop.                                                                                  |
| GREEN GRAM (Sowing)                       | The sowing operation in the crop should be postponed under predicted heavy rainfall conditions.                                                                                                                         |

### Horticulture Specific Advisory:

| Horticulture (Stage)                   | Horticulture Specific Advisory                                                                                                                                                                                                |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TOMATO (Maturity and Harvesting)       | The mature tomato crop should be harvested and sent for sale immediately or if stored should be stored under a covered area. Maintain drainage to avoid water logging. Avoid any kind of chemical spray against pest/disease. |
| BRINJAL (Maturity and Harvesting)      | The mature brinjals should be harvested and sent for sale immediately or if stored then should be kept in a covered space. Maintain proper drainage in the field. Avoid any kind of chemical spray against pest/disease.      |
| PUMPKIN (Maturity and Harvesting)      | The pumpkin crop should be harvested and sent for sale or stored in a well protected space. Proper drainage should be maintained in the crop field.                                                                           |
| BOTTLE GOURD (Maturity and Harvesting) | The mature bottle gourds can be harvested and stored well to avoid spoilage. They should be sent for sale immediately. Maintain proper drainage in the crop.                                                                  |
| FRENCH BEAN (Maturity and Harvesting)  | The mature beans after harvesting should be sent for sale to avoid spoilage. Avoid any kind of chemical spray against pest/disease and maintain proper drainage.                                                              |

### Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory                                                                                                                                                      |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW        | The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way                                 |
| BUFFALO    | To prevent 'footrot' disease due to moisture, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days |
| GOAT       | In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn baby goat do not get tetanus disease. |

| Live Stock | Live Stock Specific Advisory                                                                                                                                                 |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHEEP      | In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lamb do not get tetanus disease. |

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

Disruption in regular farming and routine activities, landslides, accidents.

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

Avoid unnecessary outing in heavy rainfall, avoid mountainous journey, when thunderstorm and lightning occurs avoid standing in open and take covered area.

**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>**