



**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 : 2025-08-05

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-08-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-06	2025-08-07	2025-08-08	2025-08-09	2025-08-10
Rainfall(mm)	50.0	20.0	16.0	25.0	18.0
Tmax(°C)	23.0	23.0	26.0	26.0	26.0
Tmin(°C)	16.0	16.0	17.0	17.0	17.0
RH-I(%)	97	95	94	94	90
RH-II(%)	78	75	65	65	70
Wind Speed(kmph)	2	2	2	3	3
Wind Direction(Degree)	100	140	300	300	150
Cloud Cover(Octa)	8	6	4	6	7
Warning	Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

### Forecast Summary:

The upcoming week predicts light to heavy rainfall of 16-50 mm and maximum-minimum temperature varying between 23.0-26.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from east-south, south-east, north-west-west and south-east-south direction at a speed of 2-3 kmph. A red alert has been issued for extremely heavy rainfall accompanied with thunderstorms, lightning, squall at few places on 5 August. Yellow alert have been issued for heavy rain accompanied by thunderstorms, lightning, squall, etc. from 6-8 August while yellow alert for thunderstorm, lightning and squall has been given for 9 August.

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

Red and yellow warning has been issued for the occurrence of heavy rainfall accompanied by thunderstorm, lightning and squalls at isolated places.

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

Waterlogging, spoilage of harvested horticultural produce, impact on germination of freshly sown crop due to high soil moisture and water logging. Proper drainage should be provided, the harvested horticultural produce should be sent for sale immediately or should be stored well, proper drainage should be provided in already sown fields or go for re-sowing of crop in case of seed spoilage after rains.

### 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, normal maximum and minimum temperature trend during 01.08.2025 to 07.08.2025.

### SMS Advisory:

As per IMD forecast, heavy rainfall alert has been given so proper drainage should be provided in the fields.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative )	In the last month sown Jethi rice , remove the weeds. After rains, when their is optimum moisture in soil, go for top-dressing of urea. Don't apply urea during heavy rainfall conditions.
MAIZE (Vegetative )	The weeding-hoeing operation and top-dressing of nitrogen should be postponed under heavy rainfall conditions and proper drainage should be provided.
FINGER MILLET (Vegetative )	The regular weeding-hoeing operation should be scheduled after heavy rainfall and the already germinated field should be provided proper drainage.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative )	The regular weeding-hoeing operation should be scheduled after heavy rainfall and provide proper drainage.
SOYABEAN (Sowing)	The sowing should be scheduled after heavy rainfall and proper drainage should be provided to avoid water stagnation in already sown crop.
GREEN GRAM (Sowing)	The sowing should be postponed and proper drainage should be provided to avoid water stagnation in already sown crop.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	The ripened tomato should be harvested and sent for sale immediately. Proper drainage should be maintained in the field.
CAPSICUM (Harvesting)	The ripened capsicum should be harvested and sent for sale immediately. Proper drainage should be maintained in the field.
BRINJAL (Harvesting)	The ripened brinjal should be harvested and sent for sale immediately. Proper drainage should be maintained in the field.
CAULIFLOWER (Transplanting)	Proper drainage measures should be taken under heavy rainfall conditions. Seedlings ready for transplanting should be transplanted on light rainfall days. Short duration varieties of cabbage, cauliflower, broccoli and knol-khol can be taken up in the mid hilly regions after sufficient moisture is available in the field.
CHILLI (Maturity and Harvesting)	Proper drainage should be provided in the field and any kind of chemical spray should be postponed.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be provided in the field and any kind of chemical spray 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 should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.

Live Stock	Live Stock Specific Advisory
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.
GOAT	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.

### Likely impacts of weather warnings (General)

Waterlogging, spoilage of harvested produce, impact on germination and fresh seedlings.

### Impact based advisories (General)

Proper drainage should be provided, harvested produce should be stored well or sent for sale immediately, go for resowing in case of spoilage of seedlings.

**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](https://play.google.com/store/apps/details/)**

**Damini MobileApp link : [https://play.google.com/store/apps/details](https://play.google.com/store/apps/details/)**