



**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 : 2025-07-25

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-26	2025-07-27	2025-07-28	2025-07-29	2025-07-30
Rainfall(mm)	4.0	20.0	40.0	16.0	8.0
Tmax(°C)	32.0	30.0	28.2	25.1	27.5
Tmin(°C)	23.4	23.6	23.1	22.2	22.2
RH-I(%)	81	85	87	90	84
RH-II(%)	54	60	67	73	63
Wind Speed(kmph)	4	3	3	4	4
Wind Direction(Degree)	38	54	84	360	52
Cloud Cover(Octa)	6	7	8	8	7
Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

### Forecast Summary:

The upcoming week predicts light drizzle to heavy rainfall of 8-40 mm and maximum-minimum temperature varying between 25.1-32.0°C and 22.2-23.6°C, respectively. The wind is expected to blow from north-east-north, north-east-east, east and north direction at a speed of 3-4 kmph. A yellow warning has been issued regarding thunderstorm accompanied by lightning/intense rain spell at isolated places on 25, 26 and 29 July while for 27 and 28 July orange alert has been issued regarding heavy to heavy rains accompanied with thunderstorm conditions at isolated places.

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

Yellow and orange warnings have been issued regarding heavy to heavy rain with thunderstorms, lightning and squall.

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

Water logging conditions, effect germination of finger millet, maize and other pulse crop, spoilage of harvested produce. Proper drainage should be provided under heavy rainfall conditions and the harvested horticultural produce should be immediately sent for sale or stored properly.

### 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-minimum temperature trend during 01.08.2025 to 07.08.2025.

### SMS Advisory:

As per IMD, heavy to very heavy rainfall has been predicted so proper drainage should be provided and the harvested produce should be sent immediately for sale.

### 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. All the farming activities should be done on light rainfall days.
MAIZE (Germination)	Weeding should be done in the last month's sown maize crop. Top dressing of Nitrogen should be done when the maize becomes 2 feet tall. All the farming activities should be done on light rainfall days.
FINGER MILLET (Germination)	Keep monitoring the crops and do weeding as per requirement. All the farming activities should be done on light rainfall days.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative )	Keep monitoring the crops and do weeding as per requirement. All the farming activities should be done on light rainfall days.
SOYABEAN (Germination)	The sowing should be scheduled on light rainfall days and proper drainage should be provided to avoid water stagnation.
GREEN GRAM (Sowing)	The sowing should be scheduled on light rainfall days.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Harvesting should be done of the ripened tomato and proper drainage should be maintained.
CAPSICUM (Harvesting)	Harvesting should be done of the ripened capsicum and proper drainage should be maintained.
BRINJAL (Harvesting)	Harvesting should be done of the ripened brinjal and proper drainage should be maintained.
CAULIFLOWER (Transplanting)	If seedlings are ready for transplanting then transplantation should be taken up on light rainfall days. Short duration varieties of cabbage, cauliflower, broccoli and knol-khol can be taken up in the mid hilly regions but only after sufficient moisture in the field. Proper drainage measures should be taken on high rainfall days.
CHILLI (Maturity and Harvesting)	Proper drainage should be maintained in the field and any kind of spray should be avoided.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be maintained in the field and any kind of spray should be avoided.

### 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

Live Stock	Live Stock Specific Advisory
	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.

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

Water logging, spoilage of harvested produce, effect on germination of pulse crops.

**Impact based advisories (General)**

Proper drainage should be maintained in the field, the harvested produce should be stored well and sent immediately for sale.

**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>**