



**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 : 2025-02-25

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-02-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-26	2025-02-27	2025-02-28	2025-03-01	2025-03-02
Rainfall(mm)	0.0	0.0	10.0	10.0	2.0
Tmax(°C)	17.0	14.0	9.0	7.0	10.0
Tmin(°C)	4.0	5.0	5.0	2.0	2.0
RH-I(%)	50	60	75	80	75
RH-II(%)	40	45	55	60	55
Wind Speed(kmph)	6	6	7	8	8
Wind Direction(Degree)	320	20	45	130	130
Cloud Cover(Octa)	5	6	8	7	2
Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	No Warning

### Forecast Summary:

In the upcoming days light rainfall of 2-10 mm has been predicted during 27-28 February & 1 March. Maximum & minimum temperature may be 7.0-17.0 degree Celsius & 2.0- 5.0 degree Celsius, respectively. Wind is expected to blow with a speed of 6-8 km/hr primarily from the north-west, north-north-east, north-east and south-east direction. Very light to light rain is likely to occur at isolated places on 1st March. Light to moderate rain is likely to occur at most places on 27 & 28 February. Dry weather is likely to prevail on 25 & 26 February. A yellow alert has been given for the occurrence of thunderstorms, lightning, squalls, etc. for 27 and 28 February.

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

Yellow warning regarding thunderstorm, lightning, squall, etc. has been given for 27 and 28 February when 10 mm of light rainfall is expected.

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

The harvested produce should be stored well to avoid spoilage and avoid irrigating the crops like wheat as it would lead to lodging under such conditions.

### General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" and "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows good agricultural vigour in the region. The extended range forecast system shows excess rainfall, below normal maximum and normal minimum temperature trend during 21 to 27 February

**SMS Advisory:**

As per the IMD forecast light to moderate rainfall has been predicted and a yellow warning has been given regarding thunderstorm, lightning, squall, etc. so harvested produce should be stored well.

**Crop Specific Advisory:**

Crop (Stage)	Crop Specific Advisory
LENTIL	Irrigation should be applied at the time of pod filling and monitoring of pest/disease should be done. All the applications should be scheduled as per the forecast.
RAPESEED	Rapeseed and yellow mustard should be harvested on maturity. Harvested crop should be stored well. All the farming operations should be scheduled as per the forecast.
MUSTARD	Rapeseed and yellow mustard should be harvested on maturity. Harvested crop should be stored well. All the farming operations should be scheduled as per the forecast.
WHEAT	Under irrigated conditions irrigation should be applied at flowering stage on persistent dry conditions while urea application can be done in case of rainfed conditions. All the applications should be scheduled as per the forecast.
BARLEY	Under irrigated conditions irrigation should be applied at flowering stage on persistent dry conditions while urea application can be done in case of rainfed conditions. All the applications should be scheduled as per the forecast.

**Horticulture Specific Advisory:**

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN	Sowing can be done in this month. All the farming operations should be scheduled as per the forecast.
LEMON	Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop. All the farming operations should be scheduled as per the forecast.

**Live Stock Specific Advisory:**

Live Stock	Live Stock Specific Advisory
BUFFALO	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
COW	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
SHEEP	Provide additional balanced diet to female and male sheep used for breeding. Get sheep/goats vaccinated to protect them against smallpox.
GOAT	Get sheep/goats vaccinated to protect them against smallpox.

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

Spoilage of harvested produce.

**Impact based advisories (General)**

The harvested produce should be stored well in a protected 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 lightning.**

**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>**

