



**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 : 2025-05-02

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-05-02 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-03	2025-05-04	2025-05-05	2025-05-06	2025-05-07
Rainfall(mm)	8.0	12.0	20.0	15.0	10.0
Tmax(°C)	25.0	26.0	26.0	26.0	26.0
Tmin(°C)	18.0	18.0	18.0	18.0	18.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	5	5	6	6	7
Wind Direction(Degree)	140	140	90	140	140
Cloud Cover(Octa)	7	7	7	7	7
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

### Forecast Summary:

The upcoming week predicts light to moderate rainfall of 8.0-20.0 mm and maximum-minimum temperature varying between 25.0-26.0°C and 18°C, respectively. The wind is expected to blow from east and south-east direction at a speed of 7 kmph. An orange alert has been given regarding thunderstorms & lightning, squall, etc. & strong surface winds for 2 May and similar conditions with hailstorms might continue on 4 and 5 May. A yellow alert has been given for thunderstorm, lightning, squall, etc. strong surface winds on 3 and 6 May. The predicted events would be accompanied by gusty winds of 30-40 kmph and squalls of 50-60 kmph is likely to occur in the upcoming week.

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

Light to moderate rainfall accompanied by thunderstorm, lightning, squall (30-40 kmph), strong surface winds and gusty winds (50-60 kmph).

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

Spoilage of harvested produce and impact on sowing. The harvested produce should be kept under covered places and sowing should be delayed.

### General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre

(iOS users). The extended range forecast shows large excess rainfall and appreciably below normal maximum and below normal minimum temperature trend during 02.05.2025 to 08.05.2025.

### SMS Advisory:

As per IMD forecast, strong surface winds with rainfall has been predicted so harvested produce should be kept under covered area and sowing should be delayed.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be stored well.
LENTIL (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be stored well.
WHEAT (Drying / Threshing)	The harvested produce should be dried under covered area and dried produce should be stored well.
BARNYARD MILLET (Sowing)	Sowing of millets (jhangora) should be delayed in the hills.
RICE (Sowing)	Avoid irrigating the freshly sown crop and delay the remaining sowing in the hills. Provide proper drainage.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
AMARANTHUS (Germination)	Avoid irrigating the freshly sown crop and proper drainage should be provided.
FRENCH BEAN (Germination)	Avoid irrigating the freshly sown crop and proper drainage should be provided.
FENUGREEK (Germination)	Avoid irrigating the freshly sown crop and proper drainage should be provided.
GARLIC (Germination)	Avoid irrigating the freshly sown crop and proper drainage should be provided.
COWPEA/ LOBIA (Sowing)	Delay sowing in the hills and provide proper drainage to the already sown fields.
TOMATO (Transplanting)	Avoid irrigating the crop and provide proper protection to the freshly transplanted crop.
CAPSICUM (Transplanting)	Avoid irrigating the crop and provide proper protection to the freshly transplanted crop.
BRINJAL (Transplanting)	Avoid irrigating the crop and provide proper protection to the freshly transplanted crop.
PUMPKIN (Flowering)	Avoid any chemical application to the crop and provide proper drainage.
CABBAGE (Sowing)	Sowing should be delayed.

### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.
COW	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.

**Others (Soil / Land Preparation) Specific Advisory:**

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil.

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

Spoilage of harvested produce, harmful for freshly germinated and transplanted seedlings. Impact sowing of crops.
---

**Impact based advisories (General)**

The harvested produce should be stored well under covered area. The freshly germinated and transplanted seedlings should be protected well. Sowing should be delayed and proper drainage measures should be taken up in crop fields.
--

**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/)**