



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 : 2026-01-23

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-01-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-24	2026-01-25	2026-01-26	2026-01-27	2026-01-28
Rainfall(mm)	25.0	0.1	0.0	0.0	10.0
Tmax(°C)	9.0	12.0	13.0	15.0	15.0
Tmin(°C)	1.0	4.0	6.0	6.0	6.0
RH-I(%)	91	87	69	70	83
RH-II(%)	95	80	60	60	80
Wind Speed(kmph)	15	11	9	9	8
Wind Direction(Degree)	190	190	290	290	95
Cloud Cover(Octa)	5	4	2	2	5
Warning	Thunderstorms & Lightning, Squall etc; Hailstorm; Cold Day	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

In the upcoming days light rainfall of 0-25 mm has been predicted on 23, 24 and 27 January. Thunderstorms & lightning, squall, hailstorm and cold day is expected on the 23 and such conditions with strong surface winds is expected on 27 January. Maximum & minimum temperature may remain 9.0-15.0 degree Celsius & 1.0-6.0 degree Celsius, respectively. Wind is expected to blow with a speed of 8-15 km/hr from the south-west, west-north-west and east direction. Yellow warning has been issued for 23 and 27 January.

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

Yellow warnings regarding thunderstorms, lightning, squall, hailstorm, cold day and strong surface winds has been issued for 23 and 27 January.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

The given yellow warning are expected to cause lodging in standing crops.

General Advisory:

The weather forecast and agrometeorological advisory is regularly updated 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 extended range forecast system indicates large excess rainfall, normal maximum and below normal minimum temperature trend from 23 to 29 January.

SMS Advisory:

As per IMD, strong surface winds have been predicted so avoid irrigating the crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL (Vegetative)	Regular weeding-hoeing operations can be done while avoid irrigating the crops under strong surface winds condition. Any kind of chemical sprays should be avoided under forecasted conditions and scheduled on dry days.
RAPESEED (Vegetative)	Monitor the crop regularly for weeding-hoeing operations and avoid irrigating the standing crop. Any chemical application should be scheduled on dry days.
MUSTARD (Vegetative)	Monitor the crop regularly for weeding-hoeing operations and avoid irrigating the standing crop. Any chemical application should be scheduled on dry days.
WHEAT (Vegetative)	Urea application can be done when the soil is wet. Avoid irrigating the crops.
BARLEY (Vegetative)	Urea application can be done when the soil is wet. Avoid irrigating the crops.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM (Nursery/ seedling)	Seeds should be sown in the prepared nursery and seedlings should be protected from hailstorm and extreme cold conditions by using plastic covers with proper air and water movement.
SPINACH (Vegetative)	The leafy vegetables should be protected against cold conditions using plastic covers and protective nets.
POTATO (Tuber set)	The Mancozeb spray for late blight disease in Potato should be scheduled on dry days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog).The animal feed should be increased by 10% for extra energy requirement.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.

Likely impacts of weather warnings (General)

Lodging in standing crops.

Impact based advisories (General)

Avoid irrigating the crops and any chemical spray should be scheduled on dry days.

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>