



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 : 2026-01-30

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

Parameter	2026-01-31	2026-02-01	2026-02-02	2026-02-03	2026-02-04
Rainfall(mm)	0.0	0.0	2.0	2.0	3.0
Tmax(°C)	14.0	14.0	13.0	12.0	14.0
Tmin(°C)	4.0	4.0	4.0	4.0	3.0
RH-I(%)	77	77	71	76	75
RH-II(%)	32	34	32	36	33
Wind Speed(kmph)	9	7	7	9	8
Wind Direction(Degree)	350	140	350	50	110
Cloud Cover(Octa)	2	2	4	4	4
Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

In the upcoming days very light drizzle of 2-3 mm has been predicted for 1 to 3 February. Thunderstorms & lightning, squall, hailstorm and strong surface winds are also expected from 1 to 3 February with yellow alert. Maximum & minimum temperature may remain 12.0-14.0 degree Celsius & 3.0-4.0 degree Celsius, respectively. Wind is expected to blow with a speed of 7-9 km/hr from the north-west, south-east, west-south, north-east and east-south-east direction. Yellow warning has been issued from 1 to 3 February for thunderstorm and lightning, squall, hailstorms and strong surface winds.

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

Yellow warning regarding thunderstorms & lightning, squall, and strong surface winds.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact but irrigate the crop only when soil is dry.

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 from 30 January to 5 February indicates large deficient rainfall, normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD, yellow warning has been issued regarding thunderstorm, lightning and strong surface winds so farming operations should be scheduled accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL (Vegetative)	Regular monitoring of the crop should be done for weeds. Weeding-hoeing operations can be done when the soil becomes a little dry after rainfall. Fungicide against plant rot can be applied.
RAPESEED (Flowering)	Irrigation should be applied only when required and chemical application to control disease and pest in rapeseed should be done on dry, non-windy days. In case of chemical control chloropyriphos 20% EC 200 ml in 200 litre water can be done to control aphid in the crop but it should be done during non windy days.
MUSTARD (Flowering)	Irrigation should be applied only when required and chemical application to control disease and pest in mustard should be done on dry, non-windy days. In case of chemical control chloropyriphos 20% EC 200 ml in 200 litre water can be done to control aphid in the crop but it should be done during non windy days.
WHEAT (Vegetative)	Irrigation should be applied only when required and urea application can be done when the soil is wet.
BARLEY (Vegetative)	Irrigation should be applied only when required and urea application can be done when the soil is wet.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAPSICUM (Nursery/ seedling)	Seeds should be sown in the prepared nursery and seedlings should be protected using protective nets and covers with proper air and water movement.
VEGETABLE PEA (Vegetative)	Regular monitoring of the crop should be done for weeds. Weeding-hoeing operations can be done when the soil becomes a little dry after rainfall. Fungicide against plant rot can be applied.
SPINACH	Irrigation should be applied only when required and the crop should be protected using protective nets and cover with proper water and air movement.
POTATO (Tuber set)	The late blight disease of potato can be treated using Mancozeb @2.5 g/litre of water. The chemical application should be done on non-windy days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
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.
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.

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)

No significant impact.

Impact based advisories (General)

Irrigation should be applied only when required.

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/>

