



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 : 2026-05-12

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-05-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-05-13	2026-05-14	2026-05-15	2026-05-16	2026-05-17
Rainfall(mm)	1.6	1.6	0.2	1.0	1.0
Tmax(°C)	20.0	20.0	21.0	22.0	22.0
Tmin(°C)	12.0	12.0	13.0	13.0	14.0
RH-I(%)	70	60	57	50	59
RH-II(%)	33	24	17	14	18
Wind Speed(kmph)	6	6	7	7	7
Wind Direction(Degree)	62	73	60	74	93
Cloud Cover(Octa)	2	1	0	0	1
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning

Forecast Summary:

In the coming days, light rain of 1-2 mm is expected over the region between May 12 and 16. Maximum and minimum temperatures will be 20-22°C and 12-14°C, respectively. Winds will blow from the northeast, east-northeast, and east at a speed of 6-7 kmph. Very light rain is expected between May 12 and 16. A yellow warning has been issued for thunderstorms, lightning, gusty winds (speeds reaching 40-50 kmph), gales, and strong surface winds for May 12, 13, and 14.

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

Thunderstorms, lightning, gusty winds, squalls and strong surface winds.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce and disruption of sowing operations.

General Advisory:

The weather forecast is regularly updated on "Mausam App" and weather associated agrometeorological advisory is regularly updated on "Meghdoot App". "Daminin App" is available to get lightning information. Mausam, Meghdoot and Damini apps can be downloaded from Google Play Store (Android Users) and App Center (iOS Users). The extended range forecast from 08 to 14 May indicates deficient rainfall, normal maximum and minimum temperature.

SMS Advisory:

As per IMD, thunderstorm, lightning, gusty winds (40-50 kmph), strong surface wind warning has been issued so the harvested produce should be stored in well and sowing operations should be delayed

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	In medium higher hills under irrigated conditions nursery should be prepared and treated seeds of high yielding varieties should be used. Irrigation should be scheduled on the dry days in the Chetki Dhan crop.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	Sowing of well treated, high yielding short duration varieties should be scheduled on dry days.
MAIZE (Sowing)	In mid hilly areas, sowing of the crop should be scheduled on dry days in the second fortnight of the month.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Physiological Maturity)	If onion crops are ready and leaves are falling on the surface then irrigation should be stopped and digging should be done in the upcoming 15-20 days. The farming operations should be scheduled on dry days.
TOMATO (Vegetative)	Any insecticide or disease spray should be delayed.
CHILLI (Vegetative)	Any insecticide or disease spray should be delayed.
BRINJAL (Transplanting)	In one month old transplanted crop, top dressing of urea is required but it should be delayed.
CAPSICUM (Transplanting)	In one month old transplanted crop, top dressing of urea is required but it should be delayed.
GARLIC	Irrigation should be stopped in the mature garlic crop and harvesting of bulbs should be done and dried in shade.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.
COW	Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices.

Likely impacts of weather warnings (General)

Yellow warning regarding thunderstorm, lightning, gusty winds, squall and strong surface winds.

Impact based advisories (General)

The harvested produce should be stored well under covered area and the sowing, chemical application operations 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>