



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 : 2025-02-28

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-02-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-01	2025-03-02	2025-03-03	2025-03-04	2025-03-05
Rainfall(mm)	40.0	4.0	0.0	4.0	0.0
Tmax(°C)	15.0	20.0	24.0	24.0	22.0
Tmin(°C)	11.0	10.0	10.0	11.0	11.0
RH-I(%)	90	85	65	60	70
RH-II(%)	60	40	20	20	30
Wind Speed(kmph)	11	8	9	9	9
Wind Direction(Degree)	38	31	29	32	24
Cloud Cover(Octa)	5	2	0	2	2
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Hailstorm	Strong Surface Winds	No Warning	No Warning	No Warning

Forecast Summary:

The upcoming days show heavy rainfall prediction of 40 mm for 28 February while light rainfall of 4 mm has been predicted for 1 and 3 March. The maximum and minimum temperature might range between 15-24oC and 10-11oC, respectively. The wind is expected to blow from north-north-east and north-east-north with a speed of 8-11 kmph. Light rainfall is expected on 1 and 3 March while heavy rainfall is expected on 28 February at most places. Dry weather is expected on remaining days. An orange alert has been given regarding heavy rainfall, thunderstorms and lightning, squall, hailstorm, etc. for 28 February.

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

Heavy rainfall has been predicted for 28 February with orange alert regarding thunderstorm, lightning, squalls, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

May cause crop lodging, spoilage of harvested produce and harm to fresh seedlings and seeds. Avoid irrigating the crop, store harvested produce in protected area and sowing/transplanting should be delayed.

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 large excess rainfall, below normal maximum and normal minimum temperature trend during 28 February to 6 March.

SMS Advisory:

Light to heavy rainfall on few days with dry weather on other days has been predicted so sowing/transplanting of vegetable crops should be delayed and harvested produce should be stored well.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
LENTIL	Irrigation and chemical application should be avoided under the current predicted rainfall conditions and can be scheduled on dry weather days.
RAPSEED	The harvested produce should be stored well under the predicted conditions and any kind of applications should be scheduled on the dry weather days.
MUSTARD	The harvested produce should be stored well under the predicted conditions and any kind of applications should be scheduled on the dry weather days.
WHEAT	The irrigation application should be delayed for the time being and applied on requirement only.
BARLEY	The irrigation application should be delayed for the time being and applied on requirement only.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN	The sowing should be delayed for the time being and scheduled on other dry weather days. The fresh seedlings should be protected against large rainfall impact and hailstorm using nets.
VEGETABLE PEA	Irrigation and chemical application should be avoided under the current forecasted conditions and scheduled on dry weather days.

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. Get the horn buds of cow/buffalo calves destroyed at the age of one week.
BUFFALO	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc. Get the horn buds of cow/buffalo calves destroyed at the age of one week.
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)

The weather warnings are likely to impact the harvested produce, cause lodging in crops and impact sowing in vegetable crop .

Impact based advisories (General)

The harvested produce should be stored well in a protected area, avoid irrigating and application of insecticide/pesticide on crops and delay sowing/transplanting of vegetable crops.

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>