



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 : 2025-04-29

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-04-29 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-30	2025-05-01	2025-05-02	2025-05-03	2025-05-04
Rainfall(mm)	0.0	3.0	8.0	5.0	8.0
Tmax(°C)	28.0	28.0	27.0	27.0	27.0
Tmin(°C)	17.0	17.0	16.0	16.0	16.0
RH-I(%)	60	60	70	70	70
RH-II(%)	30	30	35	35	35
Wind Speed(kmph)	4	5	6	7	8
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	2	5	6	7	7
Warning	Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

The upcoming week shows light rainfall of 3-8mm and maximum-minimum temperature varying between 27.0-28.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 4-8 kmph. Yellow warnings have been given for the upcoming week with expected occurrence of strong surface winds on 30 April while thunderstorms, lightning, squall, strong surface winds are also expected from 1 to 3 May. Gusty winds of 40-50 kmph is expected over isolated places on 30 April while from 1 to 3 May thunderstorm accompanied with lightening/ Gusty winds (40-50 kmph) is likely to occur at isolated places.

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

Strong surface winds, thunderstorms and lightning, squall, etc,

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of harvested produce and damage to fresh seedlings. The harvested produce should be stored under covered area and use nets to protect fresh seedlings.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" while "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 shows deficient rainfall and normal maximum-minimum temperature trend during 25.04.2025 to 01.05.2025.

SMS Advisory:

As per IMD forecast, yellow warning has been given so the harvested produce should be kept in covered area and the fresh seedlings should be protected using net.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Harvesting)	The dried harvested produce should be stored well under covered area.
CHICK PEA (Harvesting)	The dried harvested produce should be stored well under covered area.
LENTIL (Harvesting)	The dried harvested produce should be stored well under covered area.
MUSTARD (Harvesting)	The dried harvested produce should be stored well under covered area.
BARNYARD MILLET (Sowing)	In mid hills, millet sowing (jhangora) should be delayed and any kind of fertilizer application should also be delayed.
RICE (Sowing)	Sowing of chetki dhan should be delayed while irrigation should also be avoided under the predicted weather conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
AMARANTHUS (Sowing)	Sowing should delayed and irrigation should be avoided in the freshly germinated seeds. Use nets to protect the seedlings.
FENUGREEK (Sowing)	Sowing should delayed and irrigation should be avoided in the freshly germinated seeds. Use nets to protect the seedlings.
FRENCH BEAN (Sowing)	Sowing should delayed and irrigation should be avoided in the freshly germinated seeds. Use nets to protect the seedlings.
GARLIC (Sowing)	Sowing should delayed and irrigation should be avoided in the freshly germinated seeds. Use nets to protect the seedlings.
COWPEA/ LOBIA (Sowing)	Sowing of the crop should be delayed.
CAPSICUM (Transplanting)	Avoid irrigating the transplanted crop and use nets to protect the seedlings.
TOMATO (Transplanting)	Avoid irrigating the transplanted crop and use nets to protect the seedlings.
BRINJAL (Transplanting)	Avoid irrigating the transplanted crop and use nets to protect the seedlings.
PUMPKIN (Flowering)	Avoid application of chemicals on the crop under predicted weather conditions.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	If symptoms of mastitis are seen in dairy cattle, treat it immediately. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. To avoid heat waves provide proper ventilation.
COW	If symptoms of mastitis are seen in dairy cattle, treat it immediately. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. To avoid heat waves provide proper ventilation.

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.

Likely impacts of weather warnings (General)

Spoilage of harvested produce, damage to fresh seedlings and impact sowing.

Impact based advisories (General)

Harvested produce should be stored well, fresh seedlings should be protected using nets and sowing should be delayed.

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>