



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 : 2025-05-27

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-05-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-28	2025-05-29	2025-05-30	2025-05-31	2025-06-01
Rainfall(mm)	7.0	20.0	26.0	25.0	32.0
Tmax(°C)	27.0	27.0	26.0	26.0	26.0
Tmin(°C)	18.0	19.0	18.0	18.0	18.0
RH-I(%)	78	79	82	84	85
RH-II(%)	35	35	48	47	41
Wind Speed(kmph)	4	4	6	8	8
Wind Direction(Degree)	163	148	145	148	145
Cloud Cover(Octa)	3	5	5	6	6
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

During the upcoming days the region is expected to experience moderate to heavy rainfall of 7-32 mm with maximum-minimum temperature of 26-27°C and 18-19°C, respectively. The wind is expected to blow from south-south-east and south-east-south direction with a speed of 3-6 kmph. A yellow warning has been given regarding thunderstorm accompanied by lightning, squall and strong surface winds from 27 to 31 May. Similar conditions are expected with heavy rainfall on 28, 29 & 31 May. Thunderstorm accompanied with lightning / Intense rain spell / gusty winds (30-40 kmph) is likely to occur at isolated places from 27-31 May.

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

Yellow warning regarding the occurrence of thunderstorm and lightning, squall, etc. & strong surface winds.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Falling of crop, impact on germination, spoilage of harvested produce and impact on livestock health. Avoid irrigating the crop, proper storage of harvested produce and proper protection to livestock.

General Advisory:

The farmers and other related community can download the "Mausam" app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular

update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows excess rainfall and below normal maximum and normal minimum temperature trend during 30.05.2024 to 06.06.2024.

SMS Advisory:

As per IMD forecast, moderate to heavy rainfall has been predicted so avoid irrigating the crops and provide proper drainage in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Preparation of nursery should be done and proper water level should be maintained in the plots. Excess rainfall may impact the germinated seedlings so drainage should be provided to provide proper drainage. The sowing of Jethi Dhan should be avoided under heavy rainfall condition as it may lead to washing away of seeds and proper drainage should be provided to already sown plots.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	All the farming operations like weeding-hoeing and irrigation application should be post-poned and proper drainage should be provided in the fields.
MAIZE (Sowing)	Sowing should be delayed and provide proper drainage to already sown fields.
BARNYARD MILLET (Sowing)	Sowing should be delayed and provide proper drainage to already sown fields.
FINGER MILLET (Sowing)	Sowing should be delayed and provide proper drainage to already sown fields.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Seedling Growth)	The weeding and urea application should be post-poned for the time being in new tomato plants and proper drainage should be provided in the field. The standing plant should be supported by sticks and farmers having polyhouse should prepare for growing of tomatoes.
CAPSICUM (Vegetative)	Urea application and other farming activities should be postponed and proper drainage should be provided in the field.
BRINJAL (Vegetative)	Urea application and other farming activities should be postponed and proper drainage should be provided in the field.
PUMPKIN (Vegetative)	In Pumpkin type vegetables, proper drainage canals for proper draining of excessive water should be provided and any type of pesticide spray against sucking pests should be avoided under the forecasted conditions.
CAULIFLOWER (Sowing)	The sowing of the cole crops should be delayed.
CABBAGE (Sowing)	The sowing of the cole crops should be delayed.
BROCCOLI (Sowing)	The sowing of the cole crops should be delayed.
PEACH (Physiological Maturity)	The mature fruits should be harvested and those on tress should be protected using net to prevent shedding.
PLUM (Physiological Maturity)	The mature fruits should be harvested and those on tress should be protected using net to prevent shedding.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	The livestock should be kept inside shed under disturbed weather conditions to prevent occurrence of disease.
COW	The livestock should be kept inside shed under disturbed weather conditions to prevent occurrence of disease.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	In case of strong wind avoid irrigating standing crops and maintain drainage in case of excess rainfall.

Likely impacts of weather warnings (General)

Crop may fall, spoilage of harvested produce, impact on germination and harm to livestock.

Impact based advisories (General)

Avoid irrigating the standing crop, proper storage of harvested produce, avoid sowing and provide proper drainage, keep the livestock under covered area.

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