



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 : 2026-08-11

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-08-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-08-12	2026-08-13	2026-08-14	2026-08-15	2026-08-16
Rainfall(mm)	10.0	10.0	30.0	45.0	20.0
Tmax(°C)	18.0	19.0	21.0	20.0	19.0
Tmin(°C)	16.0	16.0	16.0	15.0	15.0
RH-I(%)	95	90	90	95	95
RH-II(%)	71	59	67	80	84
Wind Speed(kmph)	4	4	4	4	3
Wind Direction(Degree)	105	110	125	130	145
Cloud Cover(Octa)	5	5	7	8	8
Warning	NA	NA	NA	NA	NA

Forecast Summary:

During last week (4 -10 August) the maximum-minimum temperature ranged between 30.1 to 34.8oC and 25.6 to 26.8oC, respectively with moderate rainfall of 33 mm reported by the Meghdoot app. The upcoming week predicts heavy to very heavy rainfall at isolated places of 10 to 45 mm or more and the maximum-minimum temperature is expected to vary between 18.0 to 21.0 degree celsius and 15.0 to 16.0 degree celsius. The wind is expected to blow from east-south, east-south-east, south-east, south-east-east and south-east-south direction at a speed of 3-4 kmph. IMD has issued yellow warning for 11,12,13 and 15 August regarding heavy rainfall, thunderstorms, lightning, squall while orange warning has been issued regarding heavy to very heavy rain accompanied by similar conditions for 14 August.

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

Yellow warning regarding occurrence of heavy rainfall accompanied by thunderstorm, lightning, squall.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in regular farming activities, postponed chemical application, waterlogging. Maintain proper drainage, the farming activities should be scheduled after heavy rainfall days because warning has been issued for heavy rainfall.

General Advisory:

The farmers and other related community can download the “Mausam” and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in agricultural operations. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows deficient rainfall and normal maximum and minimum temperature trend during 07.08.2026 to 13.08.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD warnings, heavy rainfall with thunderstorm, lightning, squalls have been predicted so all the farming operation should be postponed and proper drainage should be maintained in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Postpone chemical applications and urea application under predicted heavy rainfall conditions. Postpone irrigation.
MAIZE (Vegetative)	Any kind of chemical and fertilizer application should be avoided. Proper drainage should be maintained in the field and avoid irrigating the field.
FINGER MILLET (Vegetative)	Keep monitoring the crops and postpone chemical and urea application in the crop. Proper drainage should be maintained in the crop.
SOYABEAN (Sowing)	Proper drainage should be provided in already sown crop and in case the seedlings/seed damage, re-sowing should be done after heavy rainfall.
GREEN GRAM (Sowing)	In kharif mungbean provide proper drainage and in case the germination is affected then go for re-sowing. Sowing should be done only after there is proper moisture in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Maturity and Harvesting)	Any kind of chemical application against disease/pest should be postponed and the mature tomato crop should be picked up and sent for sale immediately or should be stored well. Proper drainage should be provided in the field.
CAPSICUM (Maturity and Harvesting)	Any kind of chemical application against disease/pest should be postponed and the mature capsicum crop should be picked up and sent for sale immediately or should be stored well. Proper drainage should be provided in the field.
BRINJAL (Maturity and Harvesting)	Any kind of chemical application against disease/pest should be postponed and the mature brinjal crop should be picked up and sent for sale immediately or should be stored well. Proper drainage should be provided in the field.
CAULIFLOWER (Transplanting)	Though early varieties of cauliflower can be transplanted but it should be scheduled after the predicted heavy rainfall. Proper drainage should be maintained in the field. conditions as it can damage the seedlings. Proper drainage measures should be taken as per the forecasted heavy rainfall.
CABBAGE (Transplanting)	Though early varieties of cabbage can be transplanted but it should be scheduled after the predicted heavy rainfall. Proper drainage should be maintained in the field.
BROCCOLI (Transplanting)	Though early varieties of broccoli can be transplanted but it should be scheduled after the predicted heavy rainfall. Proper drainage should be maintained in the field.
PUMPKIN (Maturity and Harvesting)	Any kind of chemical spray should be postponed and it should be scheduled after heavy rains. The ripened Pumpkins should be harvested and stored well.
BOTTLE GOURD (Maturity and Harvesting)	Any kind of chemical spray should be postponed and it should be scheduled after heavy rains. The ripened bottle gourds should be harvested and stored well.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.
COW	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot'

Live Stock	Live Stock Specific Advisory
	disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.

Likely impacts of weather warnings (General)

Disruption in regular farming activities, routine work, damage to lives due to landslides, accidents, thunderstorms and lightning.

Impact based advisories (General)

Postpone chemical and fertilizer application in the crop and avoid going out in heavy rain, keep the cattle under shed.

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>