



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 : 2026-08-07

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-08-07 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-08-08	2026-08-09	2026-08-10	2026-08-11	2026-08-12
Rainfall(mm)	10.0	9.0	10.0	35.0	35.0
Tmax(°C)	21.0	22.0	23.0	22.0	22.0
Tmin(°C)	16.0	17.0	17.0	16.0	16.0
RH-I(%)	90	95	95	98	98
RH-II(%)	70	70	75	73	71
Wind Speed(kmph)	5	6	5	4	6
Wind Direction(Degree)	140	150	130	120	110
Cloud Cover(Octa)	6	6	7	6	5
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week (31 July -5 August) the maximum-minimum temperature ranged between 18.6 to 30.4°C and 14.6 to 23.0°C, respectively as reported by the Meghdoot app. The upcoming week predicts moderate to heavy rainfall at isolated places of 9 to 35 mm or more and the maximum-minimum temperature is expected to vary between 21.0 to 23.0 degree celsius and 16.0 to 17.0 degree celsius. The wind is expected to blow from east-south-east, south-east, south-east-east and south-east-south direction at a speed of 4-6 kmph. IMD has issued yellow warning for 7 and 8 August regarding thunderstorms, lightning, squall while yellow warning regarding heavy rain accompanied by similar conditions from 9-11 August.

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

Thunderstorms, lightning, squall

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Maintain proper drainage in the field and any chemical spray should be postponed after rains

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 agriculture vigour in the district.

SMS Advisory:

As per IMD heavy rainfall has been predicted so avoid any chemical spray and postpone application. Maintain proper drainage in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Maintain proper drainage in the rice fields. In Jethi rice, weeding operation should be postponed and any weed control measures should be taken post heavy rains as predicted. Urea application in the crop should be postponed as heavy rainfall has been predicted and proper drainage should be provided in the fields .
MAIZE (Vegetative)	In the kharif maize crop, the top-dressing of urea and application of any chemical spray against fall army worm attack should be postponed under heavy rainfall predictions. Proper drainage should be maintained in the field.
FINGER MILLET (Germination)	Keep monitoring the crops for stem borer attack. Postpone chemical application against weed and pests under predicted heavy rains. Postpone urea application and schedule it after rains. Proper drainage should be provided in the fields.
SOYABEAN (Germination)	Impact on germination due to predicted heavy rains. Maintain proper drainage in the field. The weeding operation and weed control chemical measures should be scheduled for later days after heavy rainfall prediction. In case the germinated seedlings are damaged then re-sowing should be done in the field.
GREEN GRAM (Sowing)	Proper drainage should be maintained in the already sown field. If required go for re-sowing in case of spoilage of seeds or germinated seedlings.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Maturity and Harvesting)	Avoid any chemical application against pest/disease. Maintain proper drainage under predicted heavy rainfall conditions. Harvest the ripened tomato crop and sent it for sale immediately
CAPSICUM (Maturity and Harvesting)	Avoid any chemical application against pest/disease. Maintain proper drainage under predicted heavy rainfall conditions. Harvest the ripened capsicum crop and sent it for sale immediately
BRINJAL (Maturity and Harvesting)	Avoid any chemical application against pest/disease. Maintain proper drainage under predicted heavy rainfall conditions. Harvest the ripened brinjal crop and sent it for sale immediately
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)	The mature crop should be harvested and stored well or sent for sale immediately.
BOTTLE GOURD (Maturity and Harvesting)	The mature crop should be harvested and stored well or sent for sale immediately.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season. To prevent 'footrot' disease due to moisture, 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. Small ruminant animals like newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
COW	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season. To prevent 'footrot' disease due to moisture, 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. Small ruminant animals like newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
SHEEP	Small ruminant animals like sheep should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
GOAT	Small ruminant animals like goats should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.

Likely impacts of weather warnings (General)

Heavy rainfall, thunderstorms, lightning has been predicted so impact of thunderstorm and lightning conditions may occur on humans and cattle present in open conditions.

Impact based advisories (General)

People should avoid unnecessary travel and accidents. Cattle should be kept in shade.

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