



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 : 2026-08-18

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-08-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-08-19	2026-08-20	2026-08-21	2026-08-22	2026-08-23
Rainfall(mm)	35.0	15.0	35.0	30.0	35.0
Tmax(°C)	19.0	20.0	19.0	19.0	18.0
Tmin(°C)	16.0	16.0	16.0	16.0	15.0
RH-I(%)	95	90	95	95	95
RH-II(%)	75	75	74	75	77
Wind Speed(kmph)	4	5	4	5	4
Wind Direction(Degree)	130	110	120	140	150
Cloud Cover(Octa)	7	7	7	7	7
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week shows light to heavy rainfall of 15-35 mm with maximum-minimum temperature varying between 19.0 to 20.0 degree celsius and 15.0 to 16.0 degree celsius. The wind is expected to blow from south-east, east-south-east, south-east-east and south-east-south direction at a speed of 4-5 kmph. Yellow warnings have been issued from 18 to 21 August regarding heavy rainfall accompanied by lightning, thunderstorms, squalls, etc. while warning has also been issued for 22 August regarding the occurrence of thunderstorms, lightning and squall.

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

Heavy rainfall warning has been issued

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging and disruption in farming activities. Maintain proper drainage and schedule farming operation post heavy rain events.

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 excess rainfall and normal maximum

and minimum temperature trend during 14.08.2026 to 20.08.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD, heavy rainfall events have been predicted so proper drainage should be maintained in the fields and avoid any chemical or fertilizer application under heavy rainfall conditions.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	The top dressing of urea and chemical control of bacterial blight disease should be scheduled for post heavy rainfall days and proper drainage should be maintained in the field.
MAIZE (Vegetative)	Avoid irrigating the crop and maintain proper drainage in the crop. Top-dressing of urea and chemical control against Fall Army worm attack should be scheduled for post heavy rainfall days.
SOYABEAN (Sowing)	Maintain proper drainage and in case of spoilage of germinated seedlings, go for resowing of soyabean crop post heavy rainfall days.
GREEN GRAM (Sowing)	Maintain proper drainage and in case of spoilage of germinated seedlings, go for resowing of soyabean crop post heavy rainfall days.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CABBAGE (Sowing)	The transplanting/sowing of cabbage crop should be postponed post heavy rainfall days and in case of already sown/transplanted crop go for proper drainage measures.
BROCCOLI (Sowing)	The transplanting/sowing of broccoli crop should be postponed post heavy rainfall days and in case of already sown/transplanted crop go for proper drainage measures.
FRENCH BEAN (Pod formation)	Provide proper drainage in the crop and any chemical spray against white rot disease should be postponed and scheduled after heavy rainfall events.
COWPEA/ LOBIA (Pod Development)	Provide proper drainage in the crop and any chemical spray against white rot disease should be postponed and scheduled after heavy rainfall events.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appear in the animals, then inject Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice and assistance of Veterinarian.
COW	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appear in the animals, then inject Sulphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice and assistance of Veterinarian.

Likely impacts of weather warnings (General)

Waterlogging and overflow of water bodies, disruption in regular farming and routine activities, accidents, landslides in the mountainous regions.

Impact based advisories (General)

Avoid unnecessary travel, take rain gears to avoid getting wet in the rains

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>