



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 : 2026-09-01

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-09-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-02	2026-09-03	2026-09-04	2026-09-05	2026-09-06
Rainfall(mm)	40.0	35.0	34.0	20.0	18.0
Tmax(°C)	18.0	19.0	19.0	18.0	19.0
Tmin(°C)	14.0	15.0	15.0	14.0	15.0
RH-I(%)	97	95	95	95	95
RH-II(%)	80	80	75	80	80
Wind Speed(kmph)	5	4	4	5	4
Wind Direction(Degree)	120	150	140	110	130
Cloud Cover(Octa)	8	7	7	6	6
Warning	Very Heavy Rain; Extremely 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:

Heavy to very heavy rainfall of 18-40 mm has been predicted and maximum-minimum temperatures are expected to be between 18.0-19.0°C and 14-15.0°C respectively in the coming week. The wind is expected to blow from south-east-east, south-east-south and south-east direction at a speed of 4-5 kmph. Red alert has been issued for 1 September regarding the occurrence of extremely heavy to very heavy rainfall accompanied by thunderstorms, lightning, squalls, etc. while yellow alert has been issued for heavy rainfall with thunderstorms, lightning, squall from 2-5 September.

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

Red alert regarding occurrence of heavy to extremely heavy rainfall with thunderstorms, lightning, squalls, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, disruption in regular farming activities like sowing operation and chemical application.

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 normal rainfall, maximum and minimum temperature trend during 28.08.2026 to 03.09.2026. The NDVI value shows moderate to good agriculture vigour in the district.

SMS Advisory:

As per IMD, heavy to extremely heavy rainfall is expected so proper drainage should be maintained and any chemical application should be scheduled for clear weather days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Proper drainage should be maintained in the field and any chemical application against bacterial blight disease and stem borer pest should be scheduled for clear weather days.
FINGER MILLET (Vegetative)	Proper drainage should be maintained in the field and any chemical application against stem borer pest should be scheduled for clear weather days.
MAIZE (Vegetative)	Proper drainage should be maintained and any chemical spray against blight should be scheduled under clear weather conditions.
SOYABEAN (Vegetative)	Proper drainage should be maintained in the crop field and any chemical spray against pest/disease should be scheduled for clear weather days.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
SPINACH (Sowing)	Proper drainage should be maintained in the already sown spinach crop and remaining sowing should be done under clear weather conditions.
CHILLI (Vegetative)	The chemical spray against infection in the chilli crop should be done post heavy rainfall days. Proper drainage should be maintained in the crop field.
CAULIFLOWER (Transplanting)	The late varieties of cauliflower can be transplanted post heavy rainfall days and proper drainage should be maintained in the already transplanted crop.
CABBAGE (Transplanting)	The late varieties of cabbage can be transplanted post heavy rainfall days and proper drainage should be maintained in the already transplanted crop.
KNOL KHOL (Transplanting)	The late varieties of knol-khol can be transplanted post heavy rainfall days and proper drainage should be maintained in the already transplanted crop.
RADISH (Sowing)	Proper drainage should be maintained in the already sown field. The sowing of european varieties of radish can be done under clear weather conditions
CARROT (Sowing)	Proper drainage should be maintained in the already sown field. The sowing of asian and european varieties of carrot can be done under clear weather conditions

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way. Under heavy rainfall proper warmth and food should be provided and cleanliness should be maintained in the cow shed.
BUFFALO	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. Under heavy rainfall proper warmth and food should be provided and cleanliness should be maintained in the shed.

Likely impacts of weather warnings (General)

Disruption in regular farming and routine activities, accidents, landslides

Impact based advisories (General)

Avoid working in fields under heavy rainfall, avoid unnecessary travel, keep the cattle in shed, avoid being around waterbodies or rivers.

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>