



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 : 2026-07-24

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-07-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-25	2026-07-26	2026-07-27	2026-07-28	2026-07-29
Rainfall(mm)	8.0	10.0	8.0	30.0	100.0
Tmax(°C)	21.0	19.0	20.0	21.0	22.0
Tmin(°C)	15.0	15.0	16.0	15.0	14.0
RH-I(%)	90	90	89	94	98
RH-II(%)	62	64	60	66	85
Wind Speed(kmph)	5	4	2	3	2
Wind Direction(Degree)	160	130	140	150	145
Cloud Cover(Octa)	6	7	6	7	8
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week 17-21 July the region experienced 54 mm of rainfall with maximum-minimum temperature ranging between 18.4 to 26.6 and 15.3 to 22.3 degree celsius, respectively as reported and collected from Meghdoot App. In the upcoming week expected rainfall is to vary from light to very heavy ranging from 8 to 100 mm. The maximum-minimum temperature are expected to vary between 19-21 and 14-16 degree celsius, respectively. The wind is predicted to blow from south-south-east, south-east and south-east-south direction at a speed of 2-5 kmph. Yellow warnings have been issued for heavy rainfall accompanied by thunderstorms, lightning, squall, etc. for 24 to 27 July while orange warning for very heavy rainfall accompanied by similar conditions has been issued for 28 July.

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

Yellow warning regarding heavy rainfall, thunderstorms, lightning, squalls, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, damage to seedlings and germination, disruption in chemical applications. Proper drainage should be maintained in the fields, the gap filling should be done in the transplanted rice cop. The chemical applications should be postponed and livestock should be kept under shade. The harvested produce should be kept in a covered place.

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, normal maximum and minimum temperature trend during 24.07.2026 to 30.07.2026.

SMS Advisory:

As per IMD, the farming operations like chemical applications should be postponed and proper drainage channels should be maintained in the fields. The harvested produce should be kept under shade.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Provide proper drainage for excess water in case of heavy rainfall. Gap filling should be done if seedling are damaged. Application of urea and weedicide should be postponed.
MAIZE (Germination)	Proper drainage should be maintained and any fertilizer application should be postponed.
FINGER MILLET (Germination)	The weeding/hoeing operations in the crop should be postponed.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	The weeding/hoeing operations should be postponed and scheduled after rains.
SOYABEAN (Germination)	In the already sown soybean crop proper drainage should be maintained and in case of any sowing remains then it should be postponed for the time period.
GREEN GRAM (Sowing)	The sowing operation should be postponed and in case of sowing has been done then proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Mature tomato crop should be harvested and sent for sale. Proper drainage should be maintained in the field.
CAPSICUM (Harvesting)	Mature capsicum crop should be harvested and sent for sale. Proper drainage should be maintained in the field.
BRINJAL (Harvesting)	Mature brinjal crop should be harvested and sent for sale. Proper drainage should be maintained in the field.
CAULIFLOWER (Transplanting)	Proper drainage should be maintained in the field as heavy rainfall has been predicted. Short duration varieties of cabbage, cauliflower, broccoli and knol-khol can be taken up in the mid hilly regions but only after sufficient moisture in the field.
CHILLI (Maturity and Harvesting)	Proper drainage should be maintained in the crop.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be maintained in the crop.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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 Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.

Live Stock	Live Stock Specific Advisory
COW	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 Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.

Likely impacts of weather warnings (General)

Water logging, disruption in regular farming and routine activities, chances of accidents and risk to lives.

Impact based advisories (General)

Proper drainage should be maintained in the field and avoid going out under adverse weather conditions. Keep the livestock animals in 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>