



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 : 2026-07-17

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-07-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-18	2026-07-19	2026-07-20	2026-07-21	2026-07-22
Rainfall(mm)	30.0	50.0	70.0	65.0	40.0
Tmax(°C)	23.0	22.0	21.0	20.0	20.0
Tmin(°C)	16.0	15.0	14.0	13.0	12.0
RH-I(%)	84	91	94	95	97
RH-II(%)	66	66	78	77	84
Wind Speed(kmph)	2	2	5	6	8
Wind Direction(Degree)	68	135	141	123	122
Cloud Cover(Octa)	8	7	7	7	8
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week 9-15 July the region experienced 86 mm of rainfall with maximum-minimum temperature ranging between 24.6 to 34.3 and 14.1 to 23.9 degree celsius, respectively as reported and collected from Meghdoot App. In the upcoming week expected rainfall is to vary from heavy to very heavy ranging from 30 to 70 mm. The maximum-minimum temperature are expected to vary between 20-23 and 12-16 degree celsius, respectively. The wind is predicted to blow from east-north-east, south-east, south-east-south and south-east-east direction at a speed of 2-8 kmph. Yellow warnings have been issued for heavy rain accompanied by thunderstorms, lightning, squall on 17, 18 and 21 July while orange alert has been issued regarding the occurrence of very heavy rainfall accompanied by thunderstorms, lightning, squall on 19 and 20 July at isolated places. Heavy rainfall events have been predicted so sowing operations should be delayed and proper drainage should be provided in the crop fields.

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

Impact on germination and regular farming activities. Spoilage of harvested horticultural produce. Waterlogging . Provide proper drainage in the field and postpone any chemical or fertilizer application. The harvested horticultural produce should be sent for sale immediately.

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, above normal maximum and normal minimum temperature trend during 17.07.2026 to 23.07.2026.

SMS Advisory:

As per predicted weather conditions of heavy rainfall, avoid irrigating or applying any chemicals, sowing operations should be delayed and proper drainage should be maintained.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Under predicted heavy rainfall conditions provide proper drainage to the crop to prevent seedling damage. Any chemical application in the crop should be delayed.
MAIZE (Sowing)	Sowing operations should be delayed and avoid irrigation. Provide proper drainage to prevent damage to seedlings.
SOYABEAN (Sowing)	Sowing should be delayed and proper drainage should be provided to already own crop.
GREEN GRAM (Sowing)	The kharif mung sowing should be delayed and proper drainage should be provided to already sown pulse crop.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	The ripened tomato should be harvested and sent immediately for sale to avoid spoilage.
CHILLI (Maturity and Harvesting)	Proper drainage should be maintained in the crop and harvesting of mature crop should be done. Avoid any chemical spray under the predicted weather conditions and send the harvested produce immediately for sale.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be maintained in the crop and harvesting of mature crop should be done. Avoid any chemical spray under the predicted weather conditions and send the harvested produce immediately for sale.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.
COW	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.

Likely impacts of weather warnings (General)

Disruption in routine activities and other farming activities, threat to lives, landslides and other extreme events may occur in the higher altitudes. Chances of accidents, drenching in rain and deaths may also

occur if not taken the warning seriously. Health may be impacted of the animals.

Impact based advisories (General)

Avoid working under rains as it can lead to spread of infectious diseases. Don't be near the water bodies or risk zones , avoiding travelling to the hills during rains, Keep surroundings clean to avoid spread of disease and mosquito breeding. Eat healthy and increase immunity to prevent spread of infectious diseases. Keep the animals under shed with warm conditions. Keep their living area clean, warm and free from mosquitos.

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>