



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 : 2026-07-10

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-07-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-11	2026-07-12	2026-07-13	2026-07-14	2026-07-15
Rainfall(mm)	40.0	40.0	15.0	12.0	15.0
Tmax(°C)	18.0	20.0	20.0	20.0	20.0
Tmin(°C)	16.0	16.0	16.0	16.0	16.0
RH-I(%)	91	96	94	92	86
RH-II(%)	72	76	79	70	58
Wind Speed(kmph)	5	3	3	3	2
Wind Direction(Degree)	51	32	360	74	59
Cloud Cover(Octa)	7	7	6	6	7
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

During last week 3-8 July the region experienced 54 mm of rainfall with maximum-minimum temperature ranging between 29.2 to 34.9 and 22.9 to 25.0 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 12 to 40 mm. The maximum-minimum temperature are expected to vary between 18-20 and 16 degree celsius, respectively. The wind is predicted to blow from north-east-east, north-east-north, north, east-north direction at a speed of 2-5 kmph. Orange warning has been issued regarding the occurrence of very heavy rain accompanied by thunderstorms, lightning squall for 10 July while yellow warning regarding similar conditions and heavy rainfall occurrence has been issued for remaining days.

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

Very heavy rainfall warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, disruption in regular farming activities such as sowing and chemical applications. Impact on germination. Provide proper drainage to the fields and sowing and chemical applications should be postponed to days post heavy rainfall predictions.

General Advisory:

The farmers and other related community can download the “Mausam” app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. 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, above normal maximum and normal minimum temperature trend during 10.07.2025 to 16.07.2025.

SMS Advisory:

Heavy rainfall has been predicted so proper drainage should be provided and sowing operations should be scheduled post heavy rainfall warnings.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Provide proper drainage and in case of seedling damage, gap filling should be done. Application of fertilizers should be delayed as per the forecasted weather conditions.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing should be delayed as per the forecasted conditions and proper drainage should be provided to already sown crop. The sowing should be done after rains when the soil has optimum soil moisture for sowing. Too much wet soil is not suitable for sowing.
SOYABEAN	The sowing should be delayed as per the forecasted conditions and proper drainage should be provided to already sown crop. The sowing should be done after rains when the soil has optimum soil moisture for sowing. Too much wet soil is not suitable for sowing.
BLACK GRAM	The sowing should be delayed as per the forecasted conditions and proper drainage should be provided to already sown crop. The sowing should be done after rains when the soil has optimum soil moisture for sowing. Too much wet soil is not suitable for sowing.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO	Farmers should harvest the ripe tomato crop and immediately send the harvested produce to market to avoid spoilage. After the rains, the possibility of getting disease is more so any kind of chemical spray should be scheduled after rainy days.
FRENCH BEAN	Harvest the ripened crop and check for rain caused diseases like black rot. Any kind of chemical spraying should be delayed under the current weather predictions and scheduled after the rains.
POTATO	Harvest the mature crop and store it well to avoid spoilage. The late blight disease in potato crop should be monitored and any kind of chemical spray should be delayed under the predicted weather conditions.

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 daily routine activities. Landslide occurrence. Increase in damage to life and property. Increase in disease occurrence and spread. Increase in infectious disease occurrence and spread in livestock.

Impact based advisories (General)

Avoid going out in heavy rains, avoid travelling in upper hills. Eat healthy food to maintain immunity. Keep yourself safe. Keep the livestock inside their sheds and keep the surrounding of the shed clean and tidy to avoid spread of diseases.

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>