



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 : 2025-07-11

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-12	2025-07-13	2025-07-14	2025-07-15	2025-07-16
Rainfall(mm)	11.0	15.0	30.0	35.0	25.0
Tmax(°C)	20.0	21.0	20.0	19.0	18.0
Tmin(°C)	16.0	16.0	15.0	14.0	14.0
RH-I(%)	85	85	95	95	95
RH-II(%)	60	60	65	65	65
Wind Speed(kmph)	4	4	4	6	4
Wind Direction(Degree)	90	90	140	140	140
Cloud Cover(Octa)	5	6	8	8	7
Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts light to medium rainfall of 11-35 mm and maximum-minimum temperature varying between 18.0-21.0°C and 14.0-16.0°C, respectively. The wind is expected to blow from east and south-east direction at a speed of 4-6 kmph. A yellow warning has been issued for isolated places regarding the occurrence of thunderstorm accompanied with lightning/intense rain spell for 11 and 15 July and heavy rainfall with similar thunderstorm conditions for 12 and 14 July. Orange alert has been issued for heavy to very heavy rainfall/thunderstorm accompanied with lightning /intense rain spell for 13 July.

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

Yellow and orange alert has been issued regarding the occurrence of heavy rainfall with thunderstorm accompanied by lightning/intense rain spell at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disrupt the transplanting operation in rice and damage seedlings in rice and pulse crop like arhar, water logging and impact on sowing and germination of rajma, black gram and green gram. Spoilage of harvested produce. In case of seedling damage gap filling should be done, the sowing of pulse crops should be delayed, proper drainage should be provided. The harvested produce should be stored well or sent immediately for sale.

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 normal rainfall and normal maximum-minimum temperature trend during 11.07.2025 to 17.07.2025.

SMS Advisory:

As per IMD, heavy rainfall alert has been issued for most of the days so farmers should delay sowing, the harvested produce should be stored well and provide proper drainage.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Provide proper drainage and in case of seedling damage due to intense rain spell or gusty winds, gap filling should be done. Application of fertilizers should be delayed as per the forecasted weather conditions.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	Proper drainage should be provided and farming operation like weeding-hoeing or chemical application should be delayed as per the forecasted 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.
BLACK GRAM (Sowing)	The sowing should be delayed as per the forecasted conditions and proper drainage should be provided to already sown crop.
GREEN GRAM (Sowing)	The sowing should be delayed as per the forecasted conditions and proper drainage should be provided to already sown crop.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Farmers should harvest the ripe tomato crop and there is possibility of viral disease occurrence after rain so destroy the infected plants and regularly check for blight disease outbreak. The spraying of any chemical against blight or sucking pests should be delayed for the time period and scheduled after the rains.
FRENCH BEAN (Harvesting)	Harvest the ripened crop and check for rain caused diseases like black rot. Any kind of spraying should be delayed under the current weather predictions and scheduled after the rains.
POTATO (Harvesting)	Harvest the mature crop and store well. Spraying should be scheduled after the rains.

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)

Damage to seedlings and water logging, disruption in sowing and spraying of chemicals, spoilage of harvested produce.

Impact based advisories (General)

Gap filling in case of damaged seedlings in rice transplanting, sowing and spraying of chemical applications should be delayed, the harvested produce should be stored well or sent immediately for sale purpose.

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>