



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 : 2025-07-22

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-22 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-23	2025-07-24	2025-07-25	2025-07-26	2025-07-27
Rainfall(mm)	3.0	10.0	15.0	12.0	9.0
Tmax(°C)	30.0	31.0	30.6	30.4	30.4
Tmin(°C)	22.1	22.6	23.0	23.2	23.8
RH-I(%)	85	90	88	90	85
RH-II(%)	58	58	62	67	61
Wind Speed(kmph)	2	2	3	3	3
Wind Direction(Degree)	45	27	23	45	49
Cloud Cover(Octa)	7	6	5	6	7
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts light drizzle and rainfall of 9-15 mm and maximum-minimum temperature varying between 30.0-31.0°C and 22.0-24.0°C, respectively. The wind is expected to blow from north-east and north-north-east direction at a speed of 2-3 kmph. A yellow warning has been issued for 22 and 23 July regarding thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places. On 24, 25 & 26 July a yellow warning has been issued regarding similar thunderstorm conditions along with the occurrence of heavy rain at isolated places.

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

Yellow alert regarding heavy rains, thunderstorm, lightning, intense rain spell has been given.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Destruction of transplanted rice seedlings, impact on maize and soyabean germination, Effect sowing of green gram and soyabean. Gap filling should be done for destructed rice seedlings, proper drainage should be provided in the sown crop and sowing operations should be scheduled on light rainfall days.

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, maximum-minimum temperature trend during 25.07.2025 to 31.07.2025.

SMS Advisory:

As per IMD, heavy rain has been predicted from 24-26 July at isolated places so proper drainage should be provided if required.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Complete the transplanting of rice seedlings and in case of destruction of seedlings, gap filling should be done. Weedicide application can be done during morning or afternoon hours on dry days (light rainfall).
MAIZE (Germination)	Avoid irrigating the crop and provide proper drainage in case of heavy rainfall.
SOYABEAN (Germination)	The sowing of the crop can be done on dry days (light rainfall) and no irrigation should be applied to already sown crop. Proper drainage should be provided under heavy rainfall conditions.
GREEN GRAM (Sowing)	The sowing can be done on dry (light rainfall) days and proper drainage should be provided to already sown crop under heavy rainfall conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	The ripened crop should be harvested to avoid spoilage and proper drainage should be provided in the field.
CAPSICUM (Harvesting)	The ripened crop should be harvested to avoid spoilage and proper drainage should be provided in the field.
BRINJAL (Harvesting)	The ripened crop should be harvested to avoid spoilage and proper drainage should be provided in the field.
CAULIFLOWER (Transplanting)	If seedlings are ready for transplanting then transplantation should be taken up on light rainfall days. 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. Proper drainage measures should be taken under heavy rainfall.
CHILLI (Maturity and Harvesting)	Proper drainage should be provided and the harvested produce should be stored well or sent for sale while any kind of chemical spray should be done during morning and afternoon hours on dry (light rainfall) days.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be provided and the harvested produce should be stored well or sent for sale while any kind of chemical spray should be done during morning and afternoon hours on dry (light rainfall) days.

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)

Impact transplanted rice seedlings; impacts germination and sowing of maize, soyabean, greengram; Spoilage of harvested produce in horticultural crops and disruption in transplanting operations of cole crops.

Impact based advisories (General)

Gap filling should be done in the destructed rice seedlings, proper drainage should be provided under heavy rainfall conditions and harvested produce should be stored well or sent immediately to sale.

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>