



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 : 2025-08-08

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

Parameter	2025-08-09	2025-08-10	2025-08-11	2025-08-12	2025-08-13
Rainfall(mm)	30.0	20.0	35.0	35.0	20.0
Tmax(°C)	23.0	22.0	22.0	22.0	22.0
Tmin(°C)	18.0	18.0	18.0	18.0	18.0
RH-I(%)	93	92	91	92	92
RH-II(%)	92	92	92	92	92
Wind Speed(kmph)	3	3	3	2	1
Wind Direction(Degree)	150	156	108	140	140
Cloud Cover(Octa)	7	6	8	8	7
Warning	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts light to moderate rainfall of 20-35 mm and maximum-minimum temperature varying between 22.0-23.0°C and 18.0°C, respectively. The wind is expected to blow from south-east-south, south-east and east-south direction at a speed of 1-3 kmph. On 8 August an orange alert has been issued regarding heavy to very heavy rainfall along with thunderstorm/lightning / intense to very intense rain spell at isolated places. A yellow alert has been issued regarding the occurrence of heavy rains accompanied by thunderstorm/lightning/intense to very intense rain spell at isolated places on 9, 11 and 12 August while on 10 August thunderstorm accompanied by lightning and intense rain spell is expected at isolated places.

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

Heavy rainfall has been predicted.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, impacts sowing operation and germination, spoilage of harvested horticultural produce. Proper drainage should be provided, sowing operation should be delayed and the harvested horticultural produce should be immediately sent for sale or stored properly.

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 and minimum temperature trend during 08.08.2025 to 14.08.2025.

SMS Advisory:

Heavy rainfall has been predicted so proper drainage should be provided in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	In Jethi rice, manual weeding is possible under light rainfall. Though soil moisture is optimum for urea application but it should be postponed under heavy rainfall conditions. Proper drainage should be provided in the fields .
MAIZE (Vegetative)	The top-dressing of urea and application of any chemical spray against fall army worm attack should be avoided under heavy rainfall conditions. Proper drainage should be maintained in the field and irrigation application should be avoided.
FINGER MILLET (Germination)	Keep monitoring the crops and do weeding as per requirement on light rainfall days. Though optimum moisture conditions are present for top dressing of urea but the application should be postponed under the heavy rainfall conditions. Proper drainage should be provided in the fields.
SOYABEAN (Germination)	Regular weeding should be done in the crop and proper drainage should be arranged. In case of crop spoilage, the re-sowing operations should be scheduled after heavy rainfall.
GREEN GRAM (Sowing)	Proper drainage should be maintained in the already sown field. If required go for re-sowing in case of spoilage of seeds or germinated seedlings.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Continuous picking of the crops should be done and proper drainage should be maintained in the field.
BRINJAL (Harvesting)	Continuous picking of the crops should be done and proper drainage should be maintained in the field.
CAPSICUM (Harvesting)	Continuous picking of the crops should be done and proper drainage should be maintained in the field.
CAULIFLOWER (Transplanting)	Though sufficient moisture is available for the transplantation of early varieties of cabbage, cauliflower, broccoli and knol-khol along with root crops like radish and turnip but it should be avoided under heavy rainfall conditions as it can damage the seedlings. Proper drainage measures should be taken as per the forecasted heavy rainfall.
PUMPKIN (Maturity and Harvesting)	The harvested produce of cucurbitaceous family should be immediately sent to the market and proper drainage should be maintained in the field.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July is the month of delivery, so 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 should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
COW	July is the month of delivery, so 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 should be given for cleaning the uterus.

Live Stock	Live Stock Specific Advisory
	The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
GOAT	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.

Likely impacts of weather warnings (General)

Water logging, impact on germination and fresh seedlings, disruption of farming operations and spoilage of harvested horticultural produce.

Impact based advisories (General)

Proper drainage should be provided in the fields, in case of spoilage of germinated seedlings go for re-sowing operations, the farming operations should be rescheduled after heavy rainfall, the harvested horticultural produce should be sent immediately for sale or stored well.

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>