



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 : 2025-08-01

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-08-01 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-02	2025-08-03	2025-08-04	2025-08-05	2025-08-06
Rainfall(mm)	15.0	30.0	40.0	45.0	35.0
Tmax(°C)	23.0	23.0	22.0	22.0	22.0
Tmin(°C)	16.0	16.0	15.0	15.0	15.0
RH-I(%)	86	90	92	94	94
RH-II(%)	58	62	67	70	72
Wind Speed(kmph)	2	2	1	3	5
Wind Direction(Degree)	172	163	160	160	140
Cloud Cover(Octa)	5	7	7	8	8
Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; 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

Forecast Summary:

The upcoming week predicts light to heavy rainfall of 15-45 mm and maximum-minimum temperature varying between 22.0-23.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from south-east and south-south-east direction at a speed of 1-5 kmph. Yellow alert has been issued for the occurrence of thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places while on 2, 3 and 5 August yellow alert has been issued regarding heavy rain and thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places. Similar heavy rainfall orange alert has been issued for 4 August with thunderstorm accompanied by lightning / intense to very intense rain spell at isolated places.

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

Damage to freshly sown crops and water logging, spoilage of harvested agricultural produce. Provide proper drainage in the fields and the harvested horticultural produce should be sent for sale immediately after harvesting.

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 and normal maximum-minimum temperature trend during 08.08.2025 to 14.08.2025.

SMS Advisory:

As per IMD, heavy rainfall has been predicted so proper drainage should be provided in the field.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Avoid any farming operation on heavy rainfall days and postpone application of urea.
MAIZE (Germination)	The weeding operation and application of urea should be postponed under the predicted rainfall conditions.
FINGER MILLET (Germination)	Keep monitoring the crops and the weeding operation should be postponed under heavy rainfall prediction.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	Keep monitoring the crops and the weeding operation should be postponed under heavy rainfall prediction.
SOYABEAN (Sowing)	The sowing should be postponed under heavy rainfall predictions and proper drainage should be provided to avoid water stagnation.
GREEN GRAM (Sowing)	The sowing should be postponed under the predicted heavy rainfall conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Harvesting should be done of the ripened tomato and the harvested produce should be immediately sent for sale. Proper drainage should be maintained.
CAPSICUM (Harvesting)	Harvesting should be done of the ripened capsicum and the harvested produce should be immediately sent for sale. Proper drainage should be maintained.
BRINJAL (Harvesting)	Harvesting should be done of the ripened brinjal and the harvested produce should be immediately sent for sale. Proper drainage should be maintained.
CAULIFLOWER (Transplanting)	The transplanting operation should be postponed under heavy rainfall. 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 as per the forecasted rainfall.
CHILLI (Maturity and Harvesting)	Proper drainage should be maintained in the field and any kind of spray should be avoided.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be maintained in the field and any kind of spray should be avoided.

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)

Waterlogging and spoilage of harvested horticultural produce, impact on sowing and transplanting operations.

Impact based advisories (General)

Proper drainage should be provided and the sowing/transplanting operations should be postponed. The harvested produce should be stored well or the produce should be immediately sent 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>