



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

Date : 08-08-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-08-08(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-09	2023-08-10	2023-08-11	2023-08-12	2023-08-13
Rainfall(mm)	50.0	65.0	60.0	50.0	45.0
Tmax(°C)	22.0	21.0	20.0	21.0	21.0
Tmin(°C)	15.0	16.0	16.0	16.0	16.0
RH-I(%)	95	95	95	95	95
RH-II(%)	75	75	75	75	75
Wind Speed(kmph)	6	8	4	4	6
Wind Direction(Degree)	130	70	70	70	140
Cloud Cover(Octa)	7	8	7	6	8

### Weather Summary/Alert:

In the coming five days, moderate to heavy rain upto 13 August ranging 45-65 mm is likely to occur. Maximum & minimum temperature may range from 20.0 to 22.0 degree Celsius & 15-16.0 degree Celsius, respectively. Wind will blow with a speed of 4.0-8.0 km/hr from the East-North-East direction. Light to moderate rain/thunderstorm likely to occur at most places on 9th & 10th August and similar conditions are likely to occur at most places in Nainital on 8th , 11th & 12th August, 2023. Warning: An orange alert regarding occurrence of heavy to very heavy rainfall accompanied by thunderstorm/lightning and intense rain spell has been give for 8, 9, 10 and 12 August and yellow alert regarding the same conditions has been issued for 11 August.

### General Advisory:

The realized rainfall for 27 July to 2 August was 67 mm against a normal rainfall of 102 mm which represents a 34% deficiency in rainfall for the state. The extended range forecast for 4-10 August shows that the state may experience 58 mm rain against 99 mm normal rainfall which represents a deficit of 41%. The district-wise weekly rainfall for 26 July to 2 August was 81 mm which has been kept in normal rainfall category and the predicted rainfall for 4-10 August has been kept in deficient category in the state. The rainfall pattern for the district and the state clearly shows the highly variable rainfall pattern. The farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions regarding farming activities.

### SMS Advisory:

Moderate to heavy rainfall has been predicted for the district so appropriate drainage should be maintained in the field and farming activities should be taken up accordingly.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
FINGER MILLET	Keep monitoring the crops and do weeding as per requirement. After rains, when their is optimum moisture in soil, go for top-dressing of urea @0.9 kg . Proper drainage should be maintained in the field and all the farming activities should be done keeping the forecast in mind.
RICE	In Jethi rice , remove the weeds. After rains, when their is optimum moisture in soil, go for top-dressing of urea @1.25 kg per furrow. Proper drainage should be maintained in the field and all the farming activities should be done keeping the forecast in mind.
MAIZE	As rainfall has been predicted so all the chemical applications and farming operations should be done keeping the forecast in mind. Maintain proper drainage in the field and stop irrigating.
SOYABEAN	Regular weeding should be done in the crop and proper drainage should be arranged. All farming activities should be performed keeping the forecast in mind.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	The sowing operation of mango seeds/kernels should be continued in the first fortnight of August. The grafting of one year old seedling plant should be done after transplanting it at some other place. The farming activities should be done keeping the forecast in mind as heavy rainfall has been predicted.
CAULIFLOWER	The transplantation of early varieties of cabbage, cauliflower, broccoli and knol-khol along with root crops like radish and turnip can be taken up in the mid hilly regions but only after sufficient moisture in the field as rainfall has been predicted. Proper drainage measures should be taken as per the forecasted rainfall.
TOMATO	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
CAPSICUM	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
BRINJAL	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
PUMPKIN	The harvested vegetables of cucurbitaceous family should be sent to the market for sale.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus.
COW	After giving birth, Utrotane / Harira / Ginetone @200 ml should be given for three days during morning and evening for cleaning the uterus.