



**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 : 2025-06-13

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-06-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-14	2025-06-15	2025-06-16	2025-06-17	2025-06-18
Rainfall(mm)	30.0	28.0	30.0	32.0	32.0
Tmax(°C)	31.0	32.0	30.0	30.0	30.0
Tmin(°C)	24.0	24.0	23.0	23.0	22.0
RH-I(%)	82	86	89	85	84
RH-II(%)	41	48	38	41	45
Wind Speed(kmph)	12	12	13	14	12
Wind Direction(Degree)	127	121	160	172	176
Cloud Cover(Octa)	7	4	6	6	7
Warning	NA	NA	NA	NA	NA

### Forecast Summary:

During the upcoming days the region is expected to experience heavy to very heavy rainfall of 28 to 32 mm from 13 to 17 June with maximum-minimum temperature of 30-32°C and 22-24°C, respectively. The wind is expected to blow from south-east, south-east-east and south-south-east direction with a speed of 12-14 kmph. Yellow warning has been given for 13, 14 and 17 June regarding heavy rain and orange alert for 15 and 16 June regarding heavy to very heavy rainfall which is likely to occur at isolated places in Nainital district of Uttarakhand. Yellow warning for 13, 14 and 17 June while orange alert for 15 and 16 June has also been given regarding thunderstorm accompanied with lightning / intense rain spell / gusty winds (40-50 kmph) at isolated hilly places of Uttarakhand.

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

Yellow and orange alert has been given regarding heavy to very heavy rainfall from 13-17 June accompanied with thunderstorms/lightning/intense rain spell/gusty winds (40-50 kmph) at isolated places.

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impacts the germination and sowing of crops, disruption in regular farming activities like irrigation application, chemical application and regular hoeing-weeding operations, spoilage of ripened fruits. Avoid sowing and provide proper drainage facility to already sown crops, seedlings should be provided protection using shade nets, the regular farming activities like irrigation application, chemical application and weeding-hoeing operations should be postponed, the ripened fruits should be harvested and sent for sale as soon as possible to avoid spoilage.

**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 updates 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 indicates excess rainfall and normal maximum-minimum temperature trend during 20.06.2025 to 26.06.2025.

**SMS Advisory:**

As per IMD, heavy to very heavy rainfall with thunderstorm warnings has been given so the farming activities should be postponed and proper drainage facility should be provided.

**Crop Specific Advisory:**

<b>Crop (Stage)</b>	<b>Crop Specific Advisory</b>
RICE (Sowing)	Prepare nurseries under irrigated conditions in the valley and low hills. Protect the young seedlings using shade nets. Provide proper drainage to avoid seedling damage. Avoid nursery preparation under very heavy rainfall.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	Regular weeding-hoeing and irrigation application should be postponed in the crop. Sowing operations should also be postponed. Protect the seedlings using shade nets. Provide proper drainage facility.
FINGER MILLET (Sowing)	The sowing operation of traditional or high yielding varieties of mandua, jhangora, kakun and ramdana should be postponed in the higher hills. The young seedlings should be protected against direct rainfall impact using shade nets. Provide proper drainage facility.
BARNYARD MILLET (Sowing)	The sowing operation of traditional or high yielding varieties of mandua, jhangora, kakun and ramdana should be postponed in the higher hills. The young seedlings should be protected against direct rainfall impact using shade nets. Provide proper drainage facility.
SOYABEAN (Sowing)	Delay sowing and provide proper drainage in already germinated seeds and seedling growth.

**Horticulture Specific Advisory:**

<b>Horticulture (Stage)</b>	<b>Horticulture Specific Advisory</b>
TOMATO (Physiological Maturity)	Farmers should harvest the ripened tomato crop. There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases. Polyhouses or shade nets should be provided to protect the fruits and the ripened fruits should be immediately sent for sale. Proper drainage should be provided to avoid damage of produce.
FRENCH BEAN (Harvesting)	The ripened pods should be harvested soon and sent immediately for market sale.
POTATO (Physiological Maturity)	The harvested produce should be stored well.
PEACH (Physiological Maturity)	The ripened fruits should be harvested to avoid spoilage and should be sent for sale immediately. One can use nets to protect the fruits from damage by rains and birds.
PLUM (Physiological Maturity)	The ripened fruits should be harvested to avoid spoilage and should be sent for sale immediately. One can use nets to protect the fruits from damage by rains and birds.

**Live Stock Specific Advisory:**

Live Stock	Live Stock Specific Advisory
BUFFALO	Keep the animals under shade. Proper vaccination should be provided. Regular supply of drinking water should be maintained to avoid heat stress. Fans and coolers should be provided in the sheds. Buffaloes should be kept for wallowing to avoid heat stress.
COW	Keep the animals under shade. Proper vaccination should be provided. Regular supply of drinking water should be maintained to avoid heat stress. Fans and coolers should be provided in the sheds. Buffaloes should be kept for wallowing to avoid heat stress.

### Likely impacts of weather warnings (General)

Spoilage of ripened fruits and vegetables, disruption in sowing operations and regular weeding-hoeing, water logging problem.

### Impact based advisories (General)

The ripened fruits and vegetables should be harvested well in time and sent for sale immediately or stored well, the farming operations should be postponed and proper drainage facility should be provided under heavy rainfall conditions.

**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>**