



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 : 2025-07-08

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

Parameter	2025-07-09	2025-07-10	2025-07-11	2025-07-12	2025-07-13
Rainfall(mm)	25.0	20.0	20.0	15.0	20.0
Tmax(°C)	24.0	22.0	23.0	24.0	24.0
Tmin(°C)	16.0	15.0	15.0	16.0	16.0
RH-I(%)	95	95	95	90	90
RH-II(%)	65	65	65	60	65
Wind Speed(kmph)	2	4	6	4	4
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	7	8	7	6	7
Warning	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 rainfall of 15-25 mm and maximum-minimum temperature varying between 22.0-24.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 2-6 kmph. An orange warning has been issued for 8 June regarding the occurrence of heavy to very heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places. Similarly, yellow warning has been issued regarding the occurrence of heavy rain/thunderstorm accompanied with lightning/intense to very intense rain spell at isolated places for 9,10 and 12 June while yellow warning for thunderstorm condition has been issued for 11 June.

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

Yellow warnings have been issued regarding the occurrence of heavy rain and thunderstorm accompanied by lightning/intense rain spell at isolated places on most of the days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impact on seedling growth and germination, disruption in sowing and other regular farming activities, spoilage of mature horticultural crops. Provide proper drainage channels in the field, the sowing operations and other farming activities should be delayed, the mature horticultural crops should be harvested and sent for sale or protected using nets.

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 11.07.2025 to 17.07.2025.

SMS Advisory:

As per IMD, on most of the days heavy rainfall has been predicted so proper drainage channels should be provided.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Provide proper drainage and in case of seedling damage due to heavy rainfall and intense rain spell, gap filling should be done. Application of fertilizers should be delayed.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	Proper drainage should be provided and farming operation like regular weeding-hoeing or chemical application should be delayed.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing should be delayed under the predicted heavy rainfall conditions and proper drainage should be provided to already sown fields.
BLACK GRAM (Sowing)	The sowing should be delayed and proper drainage should be provided in already sown fields.
GREEN GRAM (Sowing)	The sowing should be delayed and proper drainage should be provided in already sown fields.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Farmers should harvest the ripe tomato crop and their is possibility of viral disease occurrence after rain so destroy the infected plants. Regular monitoring should be done for sap sucking pests and blight outbreak. Any kind of chemical spray should be delayed under the predicted weather conditions.
FRENCH BEAN (Harvesting)	Harvest ripe crops and regular inspection should be done for rain caused diseases like black rot. The chemical spray should be delayed under the predicted conditions.
POTATO (Harvesting)	Harvest the mature crop and store it well to avoid spoilage. The late blight disease in potato crop should be monitored and any kind of chemical spray should be delayed under the predicted weather conditions.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.
COW	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.

Likely impacts of weather warnings (General)

Impact on fresh seedlings, disruption in sowing and other farming operations like chemical sprays against disease and pests, spoilage of mature/harvested horticultural produce.

Impact based advisories (General)

Provide proper drainage to avoid damage to germination and fresh seedlings, delay in the sowing and other farming operations, proper storage and immediate market supply of harvested horticultural produce.

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>