



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 : 2025-05-30

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-05-30 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-31	2025-06-01	2025-06-02	2025-06-03	2025-06-04
Rainfall(mm)	32.0	28.0	28.0	30.0	26.0
Tmax(°C)	26.0	25.0	25.0	25.0	25.0
Tmin(°C)	17.0	17.0	17.0	16.0	16.0
RH-I(%)	82	81	83	85	79
RH-II(%)	44	43	43	44	47
Wind Speed(kmph)	10	12	10	11	10
Wind Direction(Degree)	131	145	136	137	130
Cloud Cover(Octa)	6	6	6	6	6
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

During the upcoming days the region is expected to experience moderate to heavy rainfall of 26-32 mm with maximum-minimum temperature of 25-26°C and 16-17°C, respectively. The wind is expected to blow from south-east and south-east-south direction with a speed of 10-12 kmph. A yellow warning has been given regarding thunderstorm accompanied by lightning, squall, intense to very intense rain spell, gusty winds (40-50 kmph) and strong surface winds from 30 May to 3 June. A yellow warning regarding heavy rainfall has been also given for 31 May while on other days thunderstorm/lightning, squall, gusty winds (30-40 kmph or 40-50 kmph) and strong surface winds are expected at isolated places.

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

Yellow warning regarding thunderstorms, lightning, squall, intense to very intense rain spell, gusty winds (40-50 kmph) and strong surface winds has been given for isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impact on germination of freshly sown crops and shedding of ripened fruits due to strong winds. Sowing should be rescheduled, avoid irrigation and harvest the ripened crop ready for sale.

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 shows deficient rainfall and normal maximum-minimum temperature trend during 06.06.2025 to 12.06.2025.

SMS Advisory:

As per IMD, heavy rainfall and thunderstorm/lightning has been predicted at isolated places so sowing should be delayed, proper drainage should be provided and mature fruits should be harvested.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/seedling)	Maintain water in already prepared nurseries and provide proper drainage channels as heavy rainfall has been predicted. The direct sowing of Jethi Dhan should be avoided under heavy rainfall and proper drainage should be provided in already sown plots.
PIGEON PEA (RED GRAM/ARHAR) (Germination)	The fields should be provided with proper drainage channels and the regular farming operations like weeding-hoeing and irrigation application should be post-poned.
MAIZE (Sowing)	Sowing should be delayed and provide proper drainage to already sown fields.
BARNYARD MILLET (Sowing)	Sowing should be delayed and provide proper drainage to already sown fields.
FINGER MILLET (Sowing)	Sowing should be delayed and provide proper drainage to already sown fields.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Seedling Growth)	The farming activities like weeding and application of urea in the crop should be post-poned and proper drainage channels should be provided in the field. The standing plant should be supported by sticks and farmers having polyhouse should prepare for growing of tomatoes.
CAPSICUM (Vegetative)	All the farming activities including application of Urea should be postponed and proper drainage channels should be provided in the field.
BRINJAL (Vegetative)	All the farming activities including application of Urea should be postponed and proper drainage channels should be provided in the field.
PUMPKIN (Fruit formation)	In Pumpkin type vegetables, proper drainage canals for proper draining of excessive water should be provided and any type of pesticide spray against sucking pests should be avoided under the forecasted conditions. In case of mature fruits, they should be harvested well in time for selling in the market.
CAULIFLOWER (Sowing)	Delay sowing of cole crops.
CABBAGE (Sowing)	Delay sowing of cole crops.
BROCCOLI (Sowing)	Delay sowing of cole crops.
PEACH (Physiological Maturity)	The mature fruits of early varieties should be harvested and those on tress should be protected using net to prevent shedding.
PLUM (Physiological Maturity)	The mature fruits of early varieties should be harvested and those on tress should be protected using net to prevent shedding.
APRICOT (Physiological Maturity)	The mature fruits of early varieties should be harvested and those on tress should be protected using net to prevent shedding.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	With the advent of monsoon, humidity increases so continuous water supply should be maintained in the shed. Temperature of animal shed should be

Live Stock	Live Stock Specific Advisory
	maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately. Keep the cattle in shed under heavy rainfall or thunderstorm conditions to prevent harm.
COW	With the advent of monsoon, humidity increases so continuous water supply should be maintained in the shed. Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately. Keep the cattle in shed under heavy rainfall or thunderstorm conditions to prevent harm.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	In case of strong wind avoid irrigating standing crops and maintain drainage in case of excess rainfall.

Likely impacts of weather warnings (General)

Impact on sowing of crops and germination of freshly sown crops; shedding of ripened fruits due to strong winds.

Impact based advisories (General)

Reschedule sowing if crops and provide proper drainage channels to already sown plots; the ripened fruits ready for sale should be harvested well in time to avoid shedding.

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>