



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for UDAMSINGH-NAGAR
District
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2025-05-30

Weather Forecast of District UDAMSINGH-NAGAR (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)	16.0	14.0	15.0	16.0	14.0
Tmax(°C)	35.0	35.0	35.0	35.0	35.0
Tmin(°C)	23.0	23.0	24.0	25.0	25.0
RH-I(%)	76	74	80	76	73
RH-II(%)	36	35	36	37	40
Wind Speed(kmph)	15	12	12	13	12
Wind Direction(Degree)	153	166	136	145	156
Cloud Cover(Octa)	5	4	5	5	5
Warning	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	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last week (23 to 29 May) 23.4 mm rainfall was recorded with the maximum-minimum temperature ranging 31.5 to 35.5oC and 21.1 to 27.5oC, respectively. The morning and evening relative humidity ranged between 67-91% and 34-58%, respectively while the wind blew from east, east-north-east, south-east and east-south-east direction at a speed varying between 2.9-11.6 kmph. Most of the days were cloudy with hot and humid temperatures last week. The upcoming forecast shows light to moderate rainfall of 14-16 mm from 30 May to 3 June and maximum-minimum temperature are expected to vary as 35.0oC and between 23.0-25.0oC, respectively. The wind is expected to blow from south-east and south-south-east direction at a speed of 12-15 kmph. Yellow warning has been given regarding the occurrence of thunderstorms, lightning, squall, etc. and strong surface winds. Thunderstorm accompanied with lightning / gusty winds (40-50 kmph) likely to occur at isolated places between 30 May to 3 June.

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

Yellow warning regarding thunderstorms, lightning, squall, 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

Impacts regular farming operations and ripened fruits ready for the harvest.

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:

Thunderstorm, lightning, strong winds have been predicted by IMD, so avoid irrigating the standing crops, harvest the ripened fruits, ready for sale.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery)	The transplanting nursery for rice can be prepared by wet or dry method. By wet method in irrigated areas nursery can be prepared 15-20 days before transplanting. In this water is added and all the weeds are allowed to germinate which are further puddled in the field itself. Dry method can be used in rainfed areas. Sowing can be done under light rainfall conditions.
SUNFLOWER (Maturity and Harvesting)	Avoid irrigating the crops and harvest the mature sunflower heads. The sunflower heads should be dried under covered place while in case of standing crops scaring away the birds is an important activity to prevent yield losses.
GREEN GRAM (Flowering)	Avoid irrigating under moderate rainfall occurrence. The weeding-hoeing operations should be rescheduled.
BLACK GRAM (Flowering)	Avoid irrigating under moderate rainfall occurrence. The weeding-hoeing operations should be rescheduled.
SUGARCANE (Vegetative)	The irrigation and hoeing-weeding operations should be delayed in the crop and postpone application of insecticide.
MAIZE (Physiological Maturity)	In case of mature cobs harvest them in time for sale. Avoid irrigating the crop.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA (Pod formation)	Avoid irrigating the crop and regular farming operations should be rescheduled.
PUMPKIN (Fruit formation)	Mottled leaves if observed in the Pumpkin type vegetables, plant should be separated from others. The chemical spray should be postponed. Avoid irrigating the crop and use mulch to conserve moisture.
OKRA/ LADYFINGER (Fruit formation)	Destroy the plants with yellow veins and application of insecticide for sucking pests should be postponed. Avoid irrigating the crop and conserve moisture using mulch.

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 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.

Live Stock	Live Stock Specific Advisory
	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	Intercultural operations can be done in sugarcane and cucurbits. In case of strong wind avoid irrigating standing crops.

Likely impacts of weather warnings (General)

Crop may fall, spoilage of ripened produce and other regular farming operations.
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Impact based advisories (General)

Avoid irrigating the crop, harvest the ripened produce, ready for sale and reschedule the regular farming operations.

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>