



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 : 2025-06-24

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-06-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-25	2025-06-26	2025-06-27	2025-06-28	2025-06-29
Rainfall(mm)	10.0	30.0	25.0	25.0	10.0
Tmax(°C)	36.0	35.0	34.0	34.0	35.0
Tmin(°C)	29.0	29.0	28.0	28.0	28.0
RH-I(%)	90	90	95	90	90
RH-II(%)	65	65	65	65	65
Wind Speed(kmph)	8	8	6	8	8
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	6	8	8	8	7
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last week (17 to 23 June), the region experienced 35.4 mm rainfall with the maximum-minimum temperature ranging 31.1 to 35.0°C and 25.3 to 26.6°C, respectively. The morning and evening relative humidity varied between 84-90% and 54-81%, respectively while the wind blew from south, west-north-west, east-south-east, west-south-west, north-north-east and east at a speed ranging 6-8 kmph. Cloudy skies and rainy days were observed on most days last week. The upcoming forecast shows light to moderate rainfall of 10-30 mm from 24 to 28 June and maximum-minimum temperature are expected to vary as 34.0-36.0°C and between 28.0-29.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 6-8 kmph. Yellow alert has been issued for 24, 26 & 28 regarding thunderstorm/lightning/intense to very intense rain spell/gusty winds (40-50 kmph) at isolated places while similar conditions with heavy rainfall has been issued for 25 & 27 June.

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

Thunderstorm/lightning/intense to very intense rain spell/gusty winds (40-50 kmph) accompanied by heavy rain.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impact on sowing and planting, germination of crops, harvested horticultural produce and waterlogging. The sowing and planting operations should be delayed or scheduled on light rainfall days, the harvested horticultural produce should be stored well or sent for sale and proper drainage should be provided.

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 normal rainfall and maximum-minimum temperature trend during 27.06.2025 to 03.07.2025.

SMS Advisory:

As per IMD thunderstorm/lightning/intense rain spell with heavy rainfall has been predicted so the sowing and planting operations should be postponed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/ seedling)	Nursery should be prepared with recommended treated seed varieties and chemical or fertilizer application should be postponed. The early prepared nurseries should be transplanted.
GROUNDNUT (Sowing)	As per the prediction the groundnut sowing can be postponed and. The groundnut seeds should be treated with 2g Thiam and 1 g Carbendazim 50% W.P. mixture and with rhizobium culture after 5-6 hrs which after drying can be sown.
SUGARCANE (Vegetative)	The Earthing up operation in sugarcane crops can be postponed under the predicted conditions.
MAIZE (Sowing)	The sowing operation can be delayed under the predicted conditions and drainage may be provided in already sown crop as per requirement.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Maturity and Harvesting)	In pumpkins and other cucurbits, the harvested produce should be stored well to avoid spoilage due to rains.
TOMATO (Harvesting)	Harvest the mature fruits and store well to avoid spoilage due to rains. Provide polyhouse protection or shade net to protect the fruits.
OKRA/ LADYFINGER (Maturity and Harvesting)	Harvest the produce and immediately send it to market for sale.
CHILLI (Physiological Maturity)	The harvesting should be scheduled as per the forecast and avoid application of any chemical to the crop.
GINGER (Seedling Growth)	The farming operation should be postponed and proper drainage should be maintained in the field.
TURMERIC (Seedling Growth)	The farming operation should be postponed and proper drainage should be maintained in the field.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. To protect the animals from excessive heat using shady trees. To avoid the insufficiency of fodder, the farmers should store the fodder for such times. To avoid deficiency of important nutrients, sufficient amount of salt mixture along with the fodder should be provided.
BUFFALO	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). Buffaloes should be kept for wallowing in water in case of extreme hot and humid conditions.

Likely impacts of weather warnings (General)

Spoilage of ripened produce, impact on germination, sowing and planting of crops, water logging in case of heavy rainfall conditions.

Impact based advisories (General)

The ripened horticultural produce should be harvested and stored properly, provide proper drainage to the cropped fields and shadenets to protect young seedlings. Delay sowing under the predicted 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>