



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 : 2025-06-20

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-06-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-21	2025-06-22	2025-06-23	2025-06-24	2025-06-25
Rainfall(mm)	10.0	10.0	40.0	15.0	15.0
Tmax(°C)	34.0	33.0	31.0	32.0	32.0
Tmin(°C)	26.0	25.0	24.0	24.0	25.0
RH-I(%)	85	90	90	85	85
RH-II(%)	55	55	60	55	55
Wind Speed(kmph)	12	8	8	10	10
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	6	6	8	6	6
Warning	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	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Last week (13 to 19 June), the region experienced 50.2 mm rainfall with the maximum-minimum temperature ranging 32.2 to 39.5oC and 23.5 to 30.8oC, respectively. The morning and evening relative humidity varied between 55-95% and 39-73%, respectively while the wind blew from north-north-west, south, west, south-south-east, west-north-west and east-south-east at a speed ranging 0.6-4.7 kmph. Cloudy skies and few rainy days were observed last week. The upcoming forecast shows very light rainfall to moderate rainfall of 10-40 mm from 20 to 24 June and maximum-minimum temperature are expected to vary as 31.0-34.0oC and between 24.0-26.0oC, respectively. The wind is expected to blow from south-east direction at a speed of 8-12 kmph. On 20, 21, 23 and 24 June thunderstorm accompanied with lightning / intense to very intense spell of rain / gusty winds (40-50 kmph) is likely to occur at isolated places while on 22 June heavy rain with similar thunderstorm conditions as on 20, 21, 23 & 24 is expected for which yellow alert has been given.

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

Thunderstorm accompanied with lightning, strong surface winds, intense rain spells and gusty winds (40-50 kmph).

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Spoilage of ripened produce, impact on germination, sowing and planting of crops. Ripened fruits should be immediately harvested and sent for sale or stored properly to avoid spoilage, the sowing and planting operations can be scheduled on light rainfall days.

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 and lightning conditions along with rainfall has been predicted so the farming operations should be scheduled on light rainfall days and ripened produce should be harvested.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Transplanting of prepared seedlings should be done and regular irrigation requirements should be looked into so as to avoid drying of seedlings.
GROUNDNUT (Sowing)	The sowing operation can be delayed as per the predicted conditions and proper drainage should be provided on heavy rainfall in already sown crop fields.
PIGEON PEA (RED GRAM/ARHAR) (Germination)	Regular weeding and hoeing operations can be done on light rainfall days and avoid irrigating the crop. All the farming operations should be scheduled on light rainfall days and proper drainage should be provided on heavy rainfall.
SUGARCANE (Vegetative)	Irrigation may be avoided under predicted conditions and earthing operations can be postponed. The farming activities should be scheduled on light rainfall days.
MAIZE (Harvesting)	The mature spring maize crops should be harvested and stored well.
MAIZE (Sowing)	The sowing operation of kharif maize can be postponed under the predicted rainfall conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Transplanting)	The transplanted crop should be protected using shade nets and the regular farming activities should be scheduled on light rainfall days.
PUMPKIN (Harvesting)	The harvested produce of Pumpkin and other cucurbit crops should be stored well to avoid spoilage due to rains and those for sale should be immediately sent to the market.
TOMATO	The ripened tomatoes should be harvested immediately and sent for sale while the infected plants after rainfall should be destroyed to avoid transfer of viral diseases. Polyhouses and shadenets should be used to protect the ripening fruit.
OKRA/ LADYFINGER (Fruit formation)	Harvest the produce and immediately send for sale to avoid spoilage. Avoid irrigating the crop and the regular farming activities should be scheduled on light rainfall days.
CHILLI (Maturity and Harvesting)	Farmers need to complete the harvesting of the prepared chilli crop. Avoid irrigating the crop and regular farming activities should be scheduled on light rainfall days.
GINGER (Planting)	Avoid irrigating the crop and regular farming activities should be scheduled on dry days. Provide drainage under heavy rainfall.
TURMERIC (Planting)	Avoid irrigating the crop and regular farming activities should be scheduled on dry days. Provide drainage under heavy rainfall.

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>