



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 : 2025-06-27

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-06-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-28	2025-06-29	2025-06-30	2025-07-01	2025-07-02
Rainfall(mm)	10.0	20.0	35.0	15.0	5.0
Tmax(°C)	35.0	35.0	34.0	35.0	35.0
Tmin(°C)	28.0	28.0	27.0	27.0	27.0
RH-I(%)	85	90	90	90	85
RH-II(%)	60	65	65	65	60
Wind Speed(kmph)	10	10	4	6	4
Wind Direction(Degree)	110	140	140	320	320
Cloud Cover(Octa)	6	6	8	6	5
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (20 to 26 June), the region experienced 36.4 mm rainfall with the maximum-minimum temperature ranging 34.0 to 35.0°C and 27.0 to 28.0°C, respectively. The morning and evening relative humidity varied between 75-92% and 54-81%, respectively while the wind blew from east-south-east, west-south-west, east-north-east, north-north-east and south-east at a speed ranging 5-8 kmph. Cloudy skies and rainy days were observed on most days last week. The upcoming forecast shows light rainfall of 5-35 mm from 27 June to 1 July and maximum-minimum temperature are expected to vary as 34.0-35.0°C and between 27.0-28.0°C, respectively. The wind is expected to blow from east-south-east, south-east and north-west direction at a speed of 4-10 kmph. Yellow alert has been issued for 27, 28, 30 June & 1 July regarding the occurrence of thunderstorm accompanied by lightning, intense rain spell at isolated places while for 29 June similar conditions have been predicted with heavy rainfall yellow alert.

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

Yellow alert regarding thunderstorm accompanied by lightning/intense rain spell at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impact on germination, fresh seedlings, sowing, planting and other farming operations, impact on the harvesting operations and shedding of mature fruits. Germination, planting and other farming operations should be delayed under heavy rainfall alert, the mature fruits should be harvested and sent for sale immediately.

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 below normal maximum temperature and normal minimum temperature trend during 27.06.2025 to 03.07.2025.

SMS Advisory:

Thunderstorms accompanied with lightning/intense rain spell so all the farming activities should be postponed on heavy rainfall warning days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Add 2% urea mixed in 0.5% Zn So ₄ to the nursery. Application of fertilizers should be done as 1/4 N and full P and K at the time of sowing . If cowdung is being used then apply it 15-20 days earlier and use 1/2 N (10-15 kg). Nursery of basmati and aromatic rice should be completed till 30 June. Nursery of paddy should be filled with 4-6 cm of water before plucking the seedlings. Plucking of seedlings should be done carefully followed by washing the roots and transplanting of seedlings should be done immediately. Transplanting of paddy should be done when 4-5 leaves were seen in the seedlings of paddy. This stage comes after 18 days in early maturing varieties and after 20-25 days in medium duration varieties of paddy. Irrigation should be given in the field before 15 days of puddling. Field should be filled with water before 10-12 hrs of puddling and ploughing should be done 2-3 times. Field should be leveled. Transplanting should be done after 10-15hrs of puddling. Weather is favourable for transplanting but in case of heavy rainfall excess water should be drained from the fields.
MAIZE (Sowing)	Sowing Cluster varieties of kharif maize such as Tarun, Naveen, Kiran, Navjot, Pratap Maize-1, Pusa Cluster 3 and 4 can be sown. The seed rate can be maintained at 18-20 kg/ha and sowing can be done at a distance of 60-75 cm under light rainfall conditions. Sowing can be delayed under heavy rainfall conditions and in case of excess water logging drainage channels should be provided.
MAIZE (Harvesting)	The spring maize should be harvested if mature to avoid spoilage under heavy rains. In case of water logging, proper drainage of excess water should be provided.
SUGARCANE (Vegetative)	The farming operations should be delayed under heavy rainfall conditions and scheduled on light rainfall days. Water stagnation should be avoided in the field and drainage channels should be provided to drain excess water.
SOYABEAN (Sowing)	Sowing can be delayed under heavy rainfall events and sowing should further be scheduled on light rainfall days. In already sown crop enough drainage should be provided to avoid water stagnation.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Harvesting)	Spraying of any type of chemical application should be delayed under the predicted conditions and harvested produce should be stored well to avoid spoilage.
TOMATO (Fruit formation)	There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases and any kind of chemical application should be delayed under the predicted rainfall conditions.
OKRA/ LADYFINGER (Harvesting)	After rainfall there are chances of occurrence of sucking pest so regular monitoring is required. Avoid any chemical spray under forecasted

Horticulture (Stage)	Horticulture Specific Advisory
	conditions. Harvest the mature crop and harvesting should be scheduled as per the forecast.
CHILLI (Harvesting)	After rainfall, sucking insects become common in chilli so the chemical application is required but it should be postponed under the current predicted conditions. Harvest the mature chilli. Provide drainage in field under heavy rainfall conditions
TURMERIC	The young seedlings should be provided shelter and drainage should be provided to avoid water stagnation.
GINGER	The young seedlings should be provided shelter and drainage should be provided to avoid water stagnation.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.
COW	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.

Likely impacts of weather warnings (General)

Impact on germination, fresh seedlings, sowing, planting and other farming operations like fertilizer and chemical applications, impact on the harvesting operations and shedding of mature fruits.

Impact based advisories (General)

Germination, planting and other farming operations should be delayed under heavy rainfall alert, the mature fruits should be harvested and sent for sale immediately.

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>