



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 : 04-07-2025

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2025-07-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-05	2025-07-06	2025-07-07	2025-07-08	2025-07-09
Rainfall(mm)	10.0	15.0	30.0	25.0	15.0
Tmax(°C)	37.0	37.0	36.0	36.0	36.0
Tmin(°C)	27.0	27.0	26.0	26.0	26.0
RH-I(%)	90	90	95	90	90
RH-II(%)	55	60	65	60	65
Wind Speed(kmph)	4	6	10	8	6
Wind Direction(Degree)	140	140	140	140	140
Cloud cover(octa)	5	6	8	7	7
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During last week (27 June -3 July) 95.8 mm rainfall was recorded and the maximum-minimum temperature ranged between 26.6 to 35.0oC and 23.9 to 27.9oC, respectively. The morning and evening relative humidity ranged between 76-97% and 60-95%, respectively. The wind blew from east, east-south-east, north, south-south-east, south-east and east-north-east direction at a speed ranging 0.7-3.7 kmph. The weather was cloudy and rainy on most of the days last week. The upcoming week predicts light rainfall of 10-30 mm and maximum-minimum temperature varying between 36.0-37.0oC and 26.0-27.0oC, respectively. The wind is expected to blow from south-east direction at a speed of 4-10 kmph. Yellow warning for heavy rainfall accompanied by thunderstorm/accompanied by lightning/intense rain spell at isolated places has been issued for 6 and 7 July while a yellow alert has been issued regarding similar thunderstorm situations for 8 July.

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

Yellow warnings regarding heavy rainfall, thunderstorm accompanied by lightning/intense rain spell has been issued for most of the days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impact on young seedlings, sowing operation will be impacted, the harvested produce may get spoiled and fertilizer application or other farming operations may be affected. Proper bunds should be provided to avoid damage to rice seedlings, delay sowing of crops, store the harvested produce properly, the other farming operations can be delayed.

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 update 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 04.07.2025 to 10.07.2025.

SMS Advisory:

As per IMD forecast, proper drainage should be provided in the fields and sowing operations should be scheduled on dry days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	The transplanting operation can be continued on dry days but strong bunds should be provided to protect the seedlings from damage by wind. Gap filling should be taken up if seedlings are destroyed. Under heavy rainfall forecast, the transplanting activities should be delayed and proper drainage should be provided in the field.
MAIZE	Sowing of maize needs to be done on ridges to avoid water stagnation on dry days. Sowing should be delayed under heavy rainfall conditions. Proper drainage should be provided in the already sown crop.
SOYABEAN	Sowing of soyabean can be delayed under heavy rainfall conditions and proper drainage should be provided in already sown crop.
GROUNDNUT	Application of fertilizers with the sowing of crop should be delayed as per the given heavy rainfall and strong windy conditions. Sowing of crop should be delayed and proper drainage should be provided in already sown crop to avoid spoilage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
OKRA/ LADYFINGER	Sowing of crop for the rainy season and the chemical spray in the already sown crop should be delayed. Proper drainage should be provided in the field.
PUMPKIN	Harvesting of the mature fruits should be done in pumpkin and other cucurbits and proper storage should be provided. Any kind of chemical spray should be delayed under the forecasted conditions. Wind breaks should be provided to reduce the impact of strong winds and intense rainfall.
CHILLI	The mature chilli should be harvested and any kind of chemical spray should be delayed.
TOMATO	The mature fruit should be harvested and any kind of spray for the disease/pests should be delayed. The mature fruits should be provided polynets/shadenets to avoid spoilage of fruits and they should be immediately sent to market to avoid spoilage.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and provide proper drainage.
COW	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system. Looking at the weather forecast, there is a possibility of rain


Live Stock	Live Stock Specific Advisory
	stagnation in the cattle shed. Do not allow water to collect and provide proper drainage.

Likely impacts of weather warnings (General)

Impact on young seedlings, sowing operation will be impacted, the harvested produce may get spoiled and fertilizer application or other farming operations may be affected.

Impact based advisories (General)

Proper bunds should be provided to avoid damage to rice seedlings, delay sowing of crops, store the harvested produce properly, the other farming operations can be delayed.

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>