



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

Date : 05-07-2024

**Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2024-07-05(Valid Till 08:30 IST of the next 5 days)**

Parameter	2024-07-06	2024-07-07	2024-07-08	2024-07-09	2024-07-10
Rainfall(mm)	25.0	50.0	40.0	20.0	20.0
Tmax(°C)	32.0	23.0	24.0	29.0	32.0
Tmin(°C)	25.0	25.0	26.0	27.0	27.0
RH-I(%)	95	95	95	90	90
RH-II(%)	65	70	70	65	60
Wind Speed(kmph)	18	16	14	16	15
Wind Direction(Degree)	110	110	110	110	110
Cloud Cover(Octa)	8	8	8	5	7

### Weather Summary/Alert:

Last week (28 June to 05 July), the region experienced 111.4 mm rainfall with the maximum-minimum temperature ranging 28.2 to 35.0°C and 25.5 to 26.9°C, respectively. The morning and evening relative humidity varied between 81-97% and 58-95%, respectively while the wind blew from south, south-south-east, west-south-west, north-north-west and east at a speed ranging 2.9-10.3 kmph. Most of the days were cloudy and rainy day last week. The upcoming forecast shows moderate to heavy rainfall of 20-50 mm from 5-9 July and maximum-minimum temperature are expected to vary as 23.0-32.0°C and between 25.0-27.0°C, respectively. The wind is expected to blow from east-south-east direction at a speed of 14-18 kmph. Light to moderate rainfall is likely to occur at most places on 5 & 6 July and at many places on 7th July. Light to moderate rainfall is likely to occur at many places during rest of the period. Red alert has been issued regarding very heavy rainfall occurrence at few places from 5-6 July. Red alert has also been issued regarding occurrence of thunderstorm accompanied by lightning or intense to extremely intense rain spells at isolated places on 5 and 6 July. An orange alert has also been issued regarding likely occurrence of heavy to very heavy rainfall at a few places on 7 July. Same orange alert regarding occurrence of thunderstorm with lightning/intense to very intense rain spells is likely to occur at isolated places on 7 July. A yellow alert regarding occurrence of thunderstorm accompanied with lightning/gusty winds/Intense to very intense rain spell is likely to occur at isolated places on 8th & 9th July, 2024

### General Advisory:

The rainy season has arrived so for regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.15-0.40. The extended range forecast shows normal rainfall and below normal maximum-minimum temperature trend during 05.07.2024 to 11.07.2024.

### SMS Advisory:

Red, orange and yellow alert has been given by IMD, thus proper scheduling of farming activities like drainage, sowing and chemical application should be done.

**Crop Specific Advisory:**

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Under heavy rainfall forecast, the transplanting activities should be delayed and proper drainage should be provided in the field. Strong bunds should be built to avoid seedling damage under strong winds.
MAIZE (Sowing)	Sowing of maize needs to be done on ridges to avoid water stagnation and help in water conservation. Sowing should be delayed under heavy rainfall conditions. Proper drainage should be provided in the already sown crop.
SOYABEAN (Sowing)	Sowing of soyabean can be delayed under heavy rainfall conditions and proper drainage should be provided in already sown crop.
GROUNDNUT (Sowing)	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)	Sowing of crop for the rainy season should be delayed for the time being or should be scheduled as per the forecast while the chemical spray in the already sown crop should be delayed. Proper drainage should be provided in the field.
PUMPKIN (Harvesting)	Harvesting of the mature fruits should be done 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 (Harvesting)	The mature chilli should be harvested and any kind of chemical spray should be delayed under the current forecasted conditions.
TOMATO (Harvesting)	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. At the beginning of the monsoon, a sudden strong rain because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic Do it with the help of the nearest veterinarian. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and keep proper drainage system.
COW	Get animals vaccinated to protect them from infectious diseases. At the beginning of the monsoon, a sudden strong rain because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic Do it with the help of the nearest veterinarian. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and keep proper drainage system.