



**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 : 02-07-2024

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2024-07-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-07-03	2024-07-04	2024-07-05	2024-07-06	2024-07-07
Rainfall(mm)	25.0	20.0	20.0	15.0	20.0
Tmax(°C)	33.0	31.0	31.0	30.0	27.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	95	95	95	95	95
RH-II(%)	70	70	65	65	65
Wind Speed(kmph)	10	18	16	12	14
Wind Direction(Degree)	110	110	110	110	110
Cloud Cover(Octa)	8	8	8	8	8

### Weather Summary/Alert:

Last week (25 June to 01 July), the region experienced 58 mm rainfall with the maximum-minimum temperature ranging 31.0 to 39.5oC and 25.5 to 29.4oC, respectively. The morning and evening relative humidity varied between 62-90% and 39-81%, respectively while the wind blew from south-south-west, north, east, south-south-east, west-south-west, south and north-north-west at a speed ranging 2.9-7.0 kmph. Most of the days were cloudy and rainy last week. The upcoming forecast shows moderate to heavy rainfall of 15-25 mm and maximum-minimum temperature are expected to vary as 27.0-33.0oC and between 23.0-24.0oC, respectively. The wind is expected to blow from east-south-east direction at a speed of 10-18 kmph. Light to moderate rainfall likely to occur at most places during the period. A red alert regarding extremely heavy rain has been given for isolated places of U.S. Nagar on 2 July while very heavy rain is likely to occur at a few places on 2 to 4 July. Thunderstorm accompanied with lightning / intense to extremely intense spells of rain is likely to occur at isolated places on 2 to 4 July. An orange alert regarding occurrence of very heavy rain at a few places has been given for 2 to 4 July. Thunderstorm accompanied with lightning / intense to very intense spells of rain is likely to occur at isolated places on 2nd to 4th July.

### 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 0.1-0.45. The extended range forecast shows deficient rainfall and normal maximum and normal minimum temperature trend during 28.06.2024 to 04.07.2024.

### SMS Advisory:

As per the IMD forecast, heavy to extremely heavy rainfall is expected so proper drainage should be maintained in the field and other farming activities should be scheduled accordingly.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Excess water should be drained off and the farming activities like chemical and irrigation application should be scheduled as per the forecast.
MAIZE (Sowing)	Sowing should be delayed as per the forecast and drainage should be provided to prevent water stagnation.
MAIZE (Harvesting)	Harvesting of spring maize should be done to prevent damage due to heavy rainfall and avoid water stagnation in the fields.
SUGARCANE (Tillering)	Farming operations should be delayed and proper drainage should be provided in the field.
SOYABEAN (Sowing)	Sowing should be delayed under the current forecasted conditions and proper drainage should be provided in already sown crop.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Harvesting)	The harvested produce should be stored well to avoid spoilage and proper drainage should be provided in the field. Any kind of chemical spray should be delayed.
TOMATO (Fruit formation)	Any kind of chemical applications should be delayed under the predicted rainfall conditions and mature fruits should be harvested and stored well. Provide proper drainage in the field.
OKRA/ LADYFINGER (Harvesting)	Harvest the mature crop and provide proper drainage in the field under the predicted extreme rainfall conditions. Monitor regularly for sucking pests.
CHILLI (Harvesting)	Any kind of chemical application should be delayed for the time being and proper drainage should be provided in the fields.
GINGER (Seedling Growth)	Avoid water stagnation and provide proper drainage.

#### 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.