



**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 : 16-07-2021

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2021-07-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-17	2021-07-18	2021-07-19	2021-07-20	2021-07-21
<b>Rainfall</b>	5.0	5.0	35.0	30.0	20.0
<b>Tmax(°C)</b>	33.0	33.0	32.0	32.0	33.0
<b>Tmin(°C)</b>	24.0	23.0	22.0	23.0	23.0
<b>RH-I(%)</b>	80	90	90	90	90
<b>RH-II(%)</b>	40	55	65	65	60
<b>Wind Speed(kmph)</b>	12.0	12.0	12.0	14.0	14.0
<b>Wind Direction(Degree)</b>	130	130	130	130	130
<b>Cloud cover(octa)</b>	6	5	7	7	6

### Weather Summary/Alert:

In the last seven days (9–15 July, 2021), there was 33.6 mm rain and the sky was partly to dense cloudy. The maximum & minimum temperatures ranged between 30.5 to 34.6°C and 24.0 to 28.4°C respectively. Relative humidity ranges from 71 to 98 % at 0712 a.m. and 56 to 80 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 0.9 to 11.4 km/hour. Light rain on 16 & 17 July and moderate rain from 18 to 20 July may likely occur. Maximum & minimum temperature may range from 32.0 to 33.0 deg C & 22.0 to 24.0 deg C respectively. Wind will blow with a speed of 12.0-14.0 km/hr from the ESE direction. As per ERFIS products, rainfall, maximum & minimum temperature will be normal from 21 - 27 July in the state. Warning: Heavy rainfall likely to occur at a few places with very heavy to extremely heavy rainfall at isolated places on 18 & 19 July.

### General Advisory:

In view of the second wave of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.35 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 week. Farmers are advised to download "Meghdoot" and "Damini" mobile apps on their smartphones from Google Play Store for free to get timely weather forecast and district wise Agromet advisory bulletin and lightning information.

### SMS Advisory:

Light rain on 16 & 17 July and moderate rain from 18 to 20 July may likely occur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
-----------------	------------------------

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
RICE	Keeping in view the forecast of rain in the coming days, prepare the field for transplanting paddy. Transplanting of early maturing variety of paddy should be completed till the third week of July. Before transplanting the seedlings of paddy, roots should be dipped for half an hour in the solution of Carbendazim @1g/liter of water.
SUGARCANE	Arrange for drainage in waterlogged fields in sugarcane crop.
MAIZE	Keeping in view the possibility of rain in the coming days, do not irrigate the maize crop.
GINGER	Keeping in view the possibility of rain in the coming days, do not accumulate the rain water in the field.

#### **Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
CAULIFLOWER	Keeping in view the weather forecast, proper drainage should be maintained in the field of Cauliflower.
CHILLI	Transplanting of Chilli may be done on the ridge with a row to row and plant to plant distance of 50 cm and proper drainage should be made because excess amount of water for about 24 hours in the field dried up the crop.

#### **Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
BUFFALO	To save the animals from infected diseases, vaccination should be done on the recommendation of a veterinarian.
COW	Calcium Chloride Gel should be given in about 200 ml quantity 24 hours before the calving of more milch animals. Give it on the day of calving and also after calving, so that the animal does not get a disease called milk fever.