



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 : 30-07-2021

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

Parameter	2021-07-31	2021-08-01	2021-08-02	2021-08-03	2021-08-04
Rainfall	15.0	20.0	35.0	30.0	25.0
Tmax(°C)	33.0	32.0	33.0	32.0	32.0
Tmin(°C)	25.0	24.0	24.0	24.0	25.0
RH-I(%)	90	90	90	90	90
RH-II(%)	60	60	65	65	65
Wind Speed(kmph)	12.0	12.0	14.0	16.0	16.0
Wind Direction(Degree)	120	120	130	130	130
Cloud Cover(Octa)	7	8	8	7	6

Weather Summary/Alert:

In the last seven days (23–29 July, 2021), there was 33.6 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 30.0 to 35.0°C and 24.5 to 28.3°C respectively. Relative humidity ranges from 81 to 97 % at 0712 hrs and 64 to 85 % at 1412 hrs. The winds run mainly from the ESE & ENE with a speed of 2.8 to 10.5 km/hour. Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 32.0 to 33.0 deg C & 24.0 to 25.0 deg C respectively. Wind will blow with a speed of 12.0-16.0 km/hr from the ESE direction. As per ERFS products, rainfall, maximum and minimum temperature will be normal from 4 - 10 August in the state.

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 0.15-0.40 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet 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 forecasts and district-wise Agromet advisory bulletins and lightning information.

SMS Advisory:

Light to moderate rain may likely occur in the coming five days. Keeping in mind the weather forecast, avoid irrigation and spraying of chemicals in the fields.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
OKRA/ LADYFINGER	To control the yellow vein mosaic virus, remove and destroy the infected plants.
MAIZE	Late sowing of maize should be completed by the first week of August.
SUGARCANE	Keeping in mind the rainfall condition, tying of 5-6 sugarcane in each line should be done at the height of around 2 feet with dried leaves to save them from heavy rain and high wind. Keeping in view the rainfall forecast, it is advised that proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Proper drainage should be maintained in the field of chilli crop because if water remains in the field for 24 hours, the crop dries up.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Rainwater should not be given to animals. To save the animals from infected diseases, vaccination should be done on the recommendation of a veterinarian.