



**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 NAINITAL(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)	40.0	40.0	40.0	35.0	30.0
Tmax(°C)	22.0	22.0	19.0	17.0	15.0
Tmin(°C)	15.0	15.0	14.0	13.0	13.0
RH-I(%)	95	95	95	95	95
RH-II(%)	75	75	75	70	70
Wind Speed(kmph)	6	6	6	6	6
Wind Direction(Degree)	110	110	110	110	110
Cloud Cover(Octa)	8	8	8	8	7

### Weather Summary/Alert:

The upcoming week predicts moderate to heavy rainfall of 30-40 mm and maximum-minimum temperature varying between 15.0-22.0oC and 13.0-15.0oC, respectively. The wind is expected to blow from east-south-east direction at a speed of 6 kmph. Light to moderate rainfall is likely to occur at most places during the period. A red alert for extremely heavy rain at isolated places has been given for 2 to 4 July . Very Heavy rain is likely to occur at a few places on 2nd to 4th July . Thunderstorm accompanied with lightning / intense to extremely intense spells of rain likely to occur at isolated places on 2nd to 4th July. An orange alert regarding likely occurrence of very heavy rain at a few places on 2nd to 4th July has been given and similar orange alert for thunderstorm accompanied with lightning / intense to very intense spells of rain has been given for isolated places during 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:

Extreme rainfall alerts have been predicted by IMD so all the farming activities should be scheduled accordingly and proper drainage should be provided.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	In case of water logged conditions, form open drains. Gap filling should be done in case of damage.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative )	Farming operations should be delayed as per the forecasted conditions and proper drainage should be provided in case of water stagnation.

Crop (Stage)	Crop Specific Advisory
KIDNEY BEANS/ RAJMA (Sowing)	The sowing should be delayed under the forecasted rainfall conditions and proper drainage should be provided in the already sown field.
BLACK GRAM (Sowing)	Sowing should be delayed under the predicted rainfall conditions and proper drainage should be provided in already sown crop.
GREEN GRAM (Sowing)	Sowing should be delayed under the predicted rainfall conditions and proper drainage should be provided in already sown crop.
FINGER MILLET (Seedling Growth)	The farming operations can be delayed or scheduled as per the given rainfall forecast and proper drainage should be provided in the fields.
BARNYARD MILLET (Seedling Growth)	The farming operations can be delayed or scheduled as per the given rainfall forecast and proper drainage should be provided in the fields.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Shadenets/polynets should be used to protect the mature crops and plants. The mature fruits should be harvested and sent for sale immediately. Proper drainage should be provided in the fields.
FRENCH BEAN (Harvesting)	Harvest the ripened crop and process it for sale immediately. Provide proper drainage in the field.
POTATO (Harvesting)	The crop should be stored well after harvesting to avoid spoilage and proper drainage should be provided in the field.
PEACH (Harvesting)	Proper protection should be provided to mature fruits using shadenets and proper drainage should be provided in the field.
PLUM (Harvesting)	Proper protection should be provided to mature fruits using shadenets and proper drainage should be provided in the field.

#### 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.