



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for UDAMSINGH-NAGAR
District
Govind Ballabh Pant University of Agriculture & Technology
Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 18-07-2025

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2025-07-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-19	2025-07-20	2025-07-21	2025-07-22	2025-07-23
Rainfall(mm)	3.0	4.0	40.0	88.0	24.3
Tmax(°C)	35.1	35.8	33.5	29.8	30.6
Tmin(°C)	26.9	27.6	26.1	25.2	25.7
RH-I(%)	79	75	90	90	87
RH-II(%)	50	48	62	70	67
Wind Speed(kmph)	8	3	5	6	3
Wind Direction(Degree)	85	360	81	101	297
Cloud cover(octa)	3	5	8	8	7
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (11 to 17 July), the region experienced 156.4 mm rainfall with the maximum-minimum temperature ranging 30.5 to 34.5°C and 24.3 to 27.3°C, respectively. The morning and evening relative humidity varied between 80-93% and 61-89%, respectively while the wind blew from south-south-east, south-east, north and east at a speed ranging 1.4-11.1 kmph. Most of the days were rainy days last week. The upcoming forecast shows light to heavy rainfall of 3-88 mm from 18-22 July and maximum-minimum temperature are expected to vary as 29.8-35.8°C and between 25.2-27.6°C, respectively. The wind is expected to blow from east-north, north, east-south and west-north-west direction at a speed of 3-8 kmph. Yellow alert has been issued for 18 and 19 July regarding the occurrence of thunderstorm accompanied with lightning / gusty wind (30-40 Kmph) at isolated places. A red alert has been issued for 20 July regarding the occurrence of extremely heavy rain at isolated places with heavy to very heavy rain/ very intense to extreme rain spell accompanied by thunderstorm/lightning / Gusty wind (30-40 Kmph) at few places. For 21 and 22 July orange alert has been issued regarding the occurrence of heavy to very heavy rain / very intense to extremely intense spell of rain at few places accompanied by thunderstorm/lightning / gusty wind (30-40 Kmph) at isolated places.

Weather Warnings (Valid Till 08:30 IST of the next day)

Yellow, red and orange alert has been issued regarding heavy rainfall conditions.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, disruption in sowing and spraying activities, damage to fresh seedlings and plantlets. Proper drainage should be provided, the sowing and spraying activities should be delayed.

General Advisory:

The farmers and other related community can download the “Mausam” app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows normal rainfall, maximum-minimum temperature trend during 25.07.2025 to 31.07.2025.

SMS Advisory:

As per IMD, heavy rainfall has been predicted so proper drainage channels should be provided in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Proper drainage should be provided and the chemical applications should be delayed.
SOYABEAN (Sowing)	Sowing should be delayed and proper drainage should be provided to avoid damage to seedling.
SUGARCANE (Vegetative)	In case of water logging, proper drainage should be arranged and the farming operations like earthing up and tying should be delayed under predicted conditions .
MAIZE (Vegetative)	Proper drainage should be arranged in the field. Sowing of maize should be delayed under the predicted conditions. The urea application and regular farming activities should be delayed.
BLACK GRAM (Sowing)	The sowing should be delayed.
GREEN GRAM (Sowing)	The sowing should be delayed.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI (Transplanting)	Transplanting operation should be delayed and proper drainage should be provided in the field.
CAULIFLOWER (Seedling Growth)	The weeding and hoeing operations should be scheduled after the rains and delayed. Proper drainage should be provided in the field.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles’ delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal’s delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.

Live Stock	Live Stock Specific Advisory
COW	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.

Likely impacts of weather warnings (General)

Waterlogging, damage to seedlings, disruption in sowing, spraying and regular farming activities.

Impact based advisories (General)

Proper drainage should be provided, the farming operations should be delayed and scheduled after the rains.

Farmers are advised to download Unified  Mausam  and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>