



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 : 2025-08-12

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-08-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-13	2025-08-14	2025-08-15	2025-08-16	2025-08-17
Rainfall(mm)	30.0	70.0	30.0	20.0	20.0
Tmax(°C)	31.0	31.0	30.0	30.0	29.0
Tmin(°C)	26.0	26.0	26.1	26.1	25.9
RH-I(%)	89	86	87	88	89
RH-II(%)	90	85	90	90	90
Wind Speed(kmph)	4	7	7	4	3
Wind Direction(Degree)	100	110	120	100	100
Cloud Cover(Octa)	6	8	8	8	8
Warning	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc	Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

Last week (5 to 11 August), the region experienced 164.4 mm rainfall with the maximum-minimum temperature ranging 28.5 to 36.5oC and 23.3 to 27.3oC, respectively. The morning and evening relative humidity varied between 92-98% and 69-95%, respectively while the wind blew from north-west, north, west, south- east, east-north-east and west-south-west direction at a speed ranging 1.4-5.5 kmph. Most of the days were rainy last week . The upcoming forecast shows moderate to very heavy rainfall of 20-70 mm and maximum-minimum temperature are expected to vary as 29.0-31.0oC and 25.9-26.1oC, respectively. The wind is expected to blow from east-south, south-east-east and east-south-east direction at a speed of 3-7 kmph. An orange alert has been issued for 12 August regarding heavy to very heavy rain/thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places. A red alert has been issued for 13 and 14 August regarding extremely heavy rain/heavy to very heavy rain at isolated or few places/thunderstorm accompanied with lightning / very intense to extremely intense rain spell at isolated places. Yellow alert has been given regarding Heavy rain/thunderstorm accompanied with lightning / intense to very intense spell of rain at isolated places on 15 and 16 August.

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

Red, orange and yellow warnings have been issued regarding heavy rainfall.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging, Spoilage of freshly sown seeds and seedlings, disruption of spraying operations, spoilage of harvested cucurbits. Provide proper drainage in the fields, delay in chemical spray application, the harvested cucurbits should be immediately sent for sale or stored properly.

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 and minimum temperature trend during 08.08.2025 to 14.08.2025.

SMS Advisory:

Red, orange and yellow alert has been issued regarding heavy rainfall so proper drainage should be maintained in the field.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Though weeding in rice is essential at 20-40 days but manual weeding is possible only under low rainfall while the weedicide and urea application should be postponed under predicted weather conditions.
SUGARCANE (Tillering)	Proper drainage should be provided and the tying operation in the Sugarcane should be done on light rainfall days.
MAIZE (Vegetative)	Maize requires at least two weeding, the first at an interval of 20 days and the second at an interval of 35 days which can be scheduled after heavy rains. Urea application as well as chemical spray against pests should be postponed under predicted weather conditions.
BLACK GRAM (Sowing)	Postpone sowing. The weeding and thinning operation though requires regular attention but should be postponed under predicted conditions. Proper drainage should be arranged in the field.
GREEN GRAM (Sowing)	Postpone sowing. The weeding and thinning operation though requires regular attention but should be postponed under predicted conditions. Proper drainage should be arranged in the field.
GROUNDNUT (Vegetative)	In groundnut, the weedicide and any other chemical application should be postponed under the heavy rainfall conditions. Proper drainage should be maintained in the field.
SESAME (GINGELLY/TIL) (Sowing)	Weeding operation and urea application should be postponed for the time being and should be scheduled after heavy rainfall. Proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Vegetative)	Harvest the ripe tomatoes regularly and send for procurement. Do not go for chemical application in ripened tomato fruits. In fruiting tomato plants as there are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) while to control viral diseases and sap-sucking insects. the spray should be postponed and scheduled after heavy rainfall conditions. Proper drainage should be maintained in the field.
CAULIFLOWER (Tillering)	The mid season varieties of cauliflower can be transplanted under light rainfall conditions and regular weeding in the early varieties is also possible under light rainfall conditions. Proper drainage should be maintained in the field.
PUMPKIN (Maturity and Harvesting)	On the occurrence of yellow spot of irregular shape on cucurbitaceous crops, leaves should be examined by turning and if there is a growth of light gray fungus in the lower portion of leaves then it should be controlled by spraying

Horticulture (Stage)	Horticulture Specific Advisory
	the solution of Mancozeb @ 2.5 g/ lit but the spraying should be done after heavy rainfall. Proper drainage should be maintained in the field. Ripened Pumpkin type crops should be harvested and stored well.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.
COW	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.

Likely impacts of weather warnings (General)

Water logging, spoilage of freshly sown seeds/seedlings, spoilage of harvested produce.

Impact based advisories (General)

Provide proper drainage to freshly sown crops and crops on field, the harvested produce should be immediately sent for sale or stored properly.

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>