



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



Agromet Advisory Bulletin

Date : 2025-07-29

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-29 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-30	2025-07-31	2025-08-01	2025-08-02	2025-08-03
Rainfall(mm)	7.5	10.0	12.0	14.6	32.7
Tmax(°C)	27.0	28.0	28.4	28.0	28.6
Tmin(°C)	20.0	21.0	22.0	22.0	22.8
RH-I(%)	90	82	85	85	90
RH-II(%)	65	60	65	65	65
Wind Speed(kmph)	5	5	4	3	1
Wind Direction(Degree)	130	140	140	140	120
Cloud Cover(Octa)	7	6	5	5	7
Warning	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts light to medium rainfall of 7.5-32.7 mm and maximum-minimum temperature varying between 27.0-28.6°C and 20.0-22.8°C, respectively. The wind is expected to blow from south-east and south-east-south direction at a speed of 1-5 kmph. Yellow warning has been issued regarding the occurrence of thunderstorm/lightning accompanied by intense rain spell at isolated places on 29 July and similar thunderstorm conditions along with heavy rainfall has been predicted for 30-31 July and 1-2 August.

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

Heavy rain and thunderstorm accompanied with lightning/intense rain spell has been given for isolated places on most of the days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging conditions, effect germination of freshly sown crop, spoilage of harvested produce. Proper drainage should be provided under heavy rainfall conditions and the harvested horticultural produce 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 01.08.2025 to 07.08.2025.

SMS Advisory:

As per the IMD predictions, under heavy rainfall conditions proper drainage channels should be provided and the harvested horticultural produce should be sent for sale immediately.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	The weed removal in Jethi rice and the top dressing of urea should be postponed under heavy rainfall predictions.
MAIZE (Germination)	The regular farming activities like weeding and application of nitrogen should be postponed under heavy rainfall conditions.
FINGER MILLET (Germination)	The weeding operation in the crop should be delayed under predicted heavy rainfall conditions.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	The regular weeding-hoeing operations should be postponed.
SOYABEAN (Germination)	The sowing should be postponed and proper drainage should be provided to avoid water stagnation.
GREEN GRAM (Sowing)	The sowing should be postponed and proper drainage should be provided to avoid water stagnation.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	The ripened tomato should be harvested and sent for sale immediately. Proper drainage should be maintained in the field.
CAPSICUM (Harvesting)	The ripened capsicum should be harvested and sent for sale immediately. Proper drainage should be maintained in the field.
BRINJAL (Harvesting)	The ripened brinjal should be harvested and sent for sale immediately. Proper drainage should be maintained in the field
CAULIFLOWER (Transplanting)	Proper drainage should be provided in already transplanted crop and transplanting of short duration cole crops should be postponed.
CHILLI (Maturity and Harvesting)	Proper drainage should be provided in the field and any kind of chemical spray should be postponed.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be provided in the field and any kind of chemical spray should be postponed.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
COW	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.

Likely impacts of weather warnings (General)

Water logging, spoilage of harvested produce, effect on germination of freshly sown crops.

Impact based advisories (General)

Proper drainage should be maintained in the field, the harvested produce should be stored well and sent immediately for sale.

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>