



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: 04.08.2026

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2026-08-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	05/08/2026	06/08/2026	07/08/2026	08/08/2026	09/08/2026
Rainfall (mm)	35	60	55	20	15
Max Temp (°C)	23	21	21	22	23
Min Temp (°C)	16	15	15	16	16
Max RH I (%)	95	95	96	92	91
Min RH II (%)	80	80	81	63	71
Wind speed (km/h)	3	2	5	3	3
Wind direction	110	130	140	120	110
Cloud cover	8	8	7	6	6
Warning	Heavy Rain likely to occur at isolated places and Thunderstorm accompanied with lightning and intense to very intense spell of rain likely to occur at isolated places	Heavy Rain likely to occur at isolated places and Thunderstorm accompanied with lightning and intense to very intense spell of rain likely to occur at isolated places	Thunderstorm accompanied with lightning and intense to very intense spell of rain likely to occur at isolated places	Thunderstorm accompanied with lightning and intense to very intense spell of rain likely to occur at isolated places	Thunderstorm accompanied with lightning and intense to very intense spell of rain likely to occur at isolated places

Weather Summary/ Alert:

During last week (28 July-3 August) 39.0 mm rainfall was recorded and the maximum-minimum temperature ranged between 19.6 to 23.8°C and 14.6 to 16.2°C, respectively. The upcoming week predicts heavy rainfall at isolated places of 15 to 60 mm and the maximum-minimum temperature is expected to vary between 21.0 to 23.0 degree celsius and 15.0 to 16.0 degree celsius. IMD has issued yellow warning for 4 and 5 August for heavy rainfall accompanied with thunderstorm, lightning and intense rain spell at isolated places. Similar thunderstorms, lightning and intense rain spell are expected on 6, 7 & 8 August for which yellow warning has been issued. The farmers are recommended to maintain drainage in the field.

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

Heavy rain and thunderstorm accompanied with lightning/intense rain spell has been predicted

Likely impacts of weather warnings on Agriculture and associated Agromet advisories No impact and advisory.

Water logging conditions, spoilage of harvested produce, disruption in farming operations. Proper drainage should be maintained and store the horticultural produce properly. The farming operations should be postponed and scheduled for clear weather conditions.

General Advisory:

The farmers and other related community can download the “Mausam” and "Meghdoot" app for regular weather information, rainfall alerts and crop advisory services. "Damini" app is also available for regular update of lightning data. Meghdoot and Mausam app is now also using crowdsourcing which will help IMD collect data from the farmers and further strengthen forecasting and its application in agricultural operations. 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 07.08.2026 to 13.08.2026.

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 (Varieties)	Stage	Crop Specific Advisory
Rice	Vegetative	Don't apply urea during heavy rainfall conditions. After rains, when there is optimum moisture in soil, go for top-dressing of urea.
Maize	Vegetative	The weeding-hoeing operation and top-dressing of nitrogen should be postponed under heavy rainfall conditions and proper drainage should be provided.
Finger millet	Vegetative	The regular weeding-hoeing operation should be scheduled after heavy rainfall and the already germinated field should be provided proper drainage.
Pigeon pea (Red Gram/Arhar)	Vegetative	The regular weeding-hoeing operation should be scheduled after heavy rainfall and provide proper drainage.
Soyabean	Sowing	The sowing should be scheduled after heavy rainfall and proper drainage should be provided to avoid water stagnation in already sown crop.
Green gram	Sowing	The sowing should be postponed and proper drainage should be provided to avoid water stagnation in already sown crop.

Horticulture Specific Advisory:

Horticulture (Varieties)	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 measures should be taken under heavy rainfall conditions. Seedlings ready for transplanting should be transplanted on light rainfall days. Short duration varieties of cabbage, cauliflower, broccoli and knol-khol can be taken up in the mid hilly regions after sufficient moisture is available in the field.
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

Livestock	Live Stock Specific Advisory
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 should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.To prevent 'footrot' disease due to moisture, 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. Small ruminant animals like newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
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 should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.To prevent 'footrot' disease due to moisture, 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. Small ruminant animals like newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
Goat	Small ruminant animals like goat should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.
Sheep	Small ruminant animals like sheep should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.

Likely impacts of weather warnings (General)

Disruption in routine works and farming operations, accidents, landslides

Impact based advisories (General)

Postpone farming operations, avoid unnecessary travel, keep the animals under shade.