



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 : 2026-07-03

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-07-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-04	2026-07-05	2026-07-06	2026-07-07	2026-07-08
Rainfall(mm)	5.0	10.0	22.0	25.0	20.0
Tmax(°C)	26.0	26.5	25.0	24.0	26.0
Tmin(°C)	22.0	22.8	22.7	22.4	22.2
RH-I(%)	94	91	96	96	93
RH-II(%)	63	66	77	73	74
Wind Speed(kmph)	2	1	3	3	5
Wind Direction(Degree)	14	16	16	11	14
Cloud Cover(Octa)	4	7	7	5	5
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	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 heavy rainfall of 5-25 mm and maximum-minimum temperature varying between 24.0-26.0°C and 22.0-22.8°C, respectively. The wind is expected to blow from north-east direction at a speed of 1-5 kmph. Yellow warning has been issued regarding heavy rainfall along with the occurrence of thunderstorm/lightning, squall and strong surface winds at isolated places from 3 to 7 July.

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

Heavy rainfall warning with thunderstorms, lightning and squall conditions

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in sowing of crops and chemical application, water logging. The sowing and chemical application should be postponed. Proper drainage should be provided in other crop field except Rice field where water should be maintained using bunds.

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 updates 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 deficient rainfall, above normal maximum and normal minimum temperature trend during 3 to 9 July.

SMS Advisory:

As per IMD prediction, heavy rainfall has been predicted so proper drainage should be maintained in the field while bunds should be used to hold water in transplanted rice field.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Rice transplanting can be done and bunds should be maintained to allow standing water in the field under heavy rainfall conditions.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	The regular farming activities of weeding and hoeing should be postponed and done after heavy rainfall days.
KIDNEY BEANS/ RAJMA (Sowing)	Sowing operation should be postponed under heavy rainfall conditions and sowing should be done during morning or evening hours. Sufficient moisture should be maintained in the field before sowing so proper drainage should be maintained in the field.
BLACK GRAM (Sowing)	Sowing of urad crop should be postponed under heavy rainfall conditions. Sowing should be done under sufficient moisture conditions in the field. Proper drainage should be maintained in the field.
BARNYARD MILLET (Germination)	Proper drainage should be maintained in the already sown crop so that germination is not impacted due to heavy rains and runoff. The regular farming operations of weeding and hoeing should be postponed.
FINGER MILLET (Germination)	Proper drainage should be maintained in the already sown crop so that germination is not impacted due to heavy rains and runoff. The regular farming operations of weeding and hoeing should be postponed.
MAIZE (Germination)	The regular farming activities such as weeding-hoeing should be postponed and proper drainage should be maintained in the field.
SOYABEAN (Germination)	The regular farming activities such as weeding-hoeing should be postponed and proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Maturity and Harvesting)	The mature tomato crop should be protected using shadenets and the mature tomatoes should be harvested and sent for sale immediately to avoid spoilage.
FRENCH BEAN (Maturity and Harvesting)	Harvest the mature crop and send immediately for sale. Provide proper drainage in the field to avoid spoilage of the mature beans.
POTATO (Harvesting)	The mature crop should be stored well to avoid spoilage.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Keep the animals in sheltered place with good ventilation. Don't let them get wet in the rains
COW	Keep the animals in sheltered place with good ventilation. Don't let them get wet in the rains

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	As deficient rainfall has been predicted by IMD so the rainfall water should be conserved using water harvesting structures .

Likely impacts of weather warnings (General)

Disruption in regular farming and daily routine activities. Occurrence of infectious diseases.

Impact based advisories (General)

The people should remain indoors under heavy rainfall conditions and those working in the field should take shelter under thunderstorm/lightning conditions. The weather is suitable for disease occurrence so immunity boosting is important.

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>