



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 : 2025-06-27

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-06-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-28	2025-06-29	2025-06-30	2025-07-01	2025-07-02
Rainfall(mm)	25.0	30.0	45.0	15.0	10.0
Tmax(°C)	21.0	20.0	19.0	20.0	21.0
Tmin(°C)	15.0	15.0	14.0	15.0	15.0
RH-I(%)	90	95	95	90	90
RH-II(%)	65	65	70	65	65
Wind Speed(kmph)	4	4	2	4	2
Wind Direction(Degree)	110	140	140	320	320
Cloud Cover(Octa)	6	7	8	6	6
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc			

Forecast Summary:

The upcoming week predicts light to moderate rainfall of 10-45 mm and maximum-minimum temperature varying between 19.0-21.0°C and 14.0-15.0°C, respectively. The wind is expected to blow from east-south-east, south-east and north-west at a speed of 2-4 kmph. From 27 to 30 June yellow alert has been given regarding the occurrence of heavy rain with thunderstorm accompanied by lightning/ intense to very intense rain spell at isolated places while on 1 July yellow warning regarding the occurrence of thunderstorm accompanied with lightning/ intense rain spell is expected at isolated places.

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

Yellow alert regarding the occurrence of heavy rainfall with thunderstorm accompanied by lightning/intense rain spell at isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Impact on germination, sowing and spoilage of harvested produce, The sowing should be delayed and in case of heavy rainfall if the sown seeds have washed away then re-sowing should be done, provide proper drainage and the harvested produce should be stored well or should be immediately sent to the market.

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 and below normal maximum temperature and normal minimum temperature trend during 27.06.2025 to 03.07.2025.

SMS Advisory:

Heavy rainfall has been predicted so proper drainage should be provided.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Preparation of nurseries should be done. The fertilizer application can be postponed and done on light rainfall days. Protect the seedlings from rainfall impact with shade nets. Proper drainage should be provided under heavy rainfall impact.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	The regular farming operations can be done on light rainfall days and proper drainage should be provided in case of heavy rainfall.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing can be delayed under the predicted weather conditions and proper drainage should be provided in the already sown crop.
BLACK GRAM (Sowing)	The sowing can be delayed under the predicted weather conditions and proper drainage should be provided in the already sown crop.
GREEN GRAM (Sowing)	The sowing can be delayed under the predicted weather conditions and proper drainage should be provided in the already sown crop.
MAIZE (Germination)	The farming operations in the crop should be postponed and proper drainage conditions should be maintained in the field.
FINGER MILLET (Germination)	The farming operations in the crop should be postponed and proper drainage conditions should be maintained in the field.
BARNYARD MILLET (Germination)	The farming operations in the crop should be postponed and proper drainage conditions should be maintained in the field.
SOYABEAN (Germination)	The farming operations in the crop should be postponed and proper drainage conditions should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Farmers should harvest the ripened tomato crop and protect the crop from harm due to adverse weather conditions using shade nets/polynets. Provide proper drainage in the field.
FRENCH BEAN (Harvesting)	Harvest the ripened crop and postpone the farming activities under heavy rainfall conditions. Provide proper drainage in the fields.
POTATO (Physiological Maturity)	The harvested crop should be stored well and the other farming operations should be postponed under heavy rainfall conditions. Provide proper drainage in the field.
PEACH (Maturity and Harvesting)	Harvest mature fruits and provide shadenet protection to avoid damage under adverse weather conditions. Schedule farming operations on light rainfall days.
PLUM (Maturity and Harvesting)	Harvest mature fruits and provide shadenet protection to avoid damage under adverse weather conditions. Schedule farming operations on light rainfall days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.

Live Stock	Live Stock Specific Advisory
COW	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.

Likely impacts of weather warnings (General)

Impact on germination and fresh seedlings, impact on the sowing and other farming operations, spoilage of harvested produce and shedding of mature fruits.

Impact based advisories (General)

Protect the fresh seedlings and postpone the sowing and farming operations to avoid disruptions, the harvested produce should be immediately sent for sale and the mature fruits on trees can be protected using nets.

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>