



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 : 2026-06-30

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-06-30 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-07-01	2026-07-02	2026-07-03	2026-07-04	2026-07-05
Rainfall(mm)	15.0	15.0	30.0	20.0	15.0
Tmax(°C)	24.0	23.0	22.0	22.0	22.0
Tmin(°C)	17.0	16.0	16.0	16.0	16.0
RH-I(%)	80	84	94	92	88
RH-II(%)	59	58	65	66	66
Wind Speed(kmph)	3	3	5	4	3
Wind Direction(Degree)	150	140	120	137	140
Cloud Cover(Octa)	5	6	7	7	7
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts heavy rainfall of 15-30 mm and maximum-minimum temperature varying between 22.0-24.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from south-east and south-east-south direction at a speed of 5-7 kmph. Yellow warning has been issued regarding heavy rainfall along with the occurrence of thunderstorm/lightning, squall and strong surface winds at isolated places on 30 June, 1, 3 and 4 July while orange alert has been given for very heavy rainfall accompanied by similar events for 2 July.

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

Heavy rainfall alert has been issued.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in regular farming activities and damage to small seedlings. Water logging. The regular farming activities should be postponed and the rainfall water should be conserved in the transplanted rice fields to maintain moisture in the fields. Proper drainage should be provided in the fields other than rice.

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 normal maximum-minimum temperature trend during 3 to 9 July.

SMS Advisory:

As per IMD warning, rainfall water should be conserved in the transplanted rice fields and postpone the regular farming operations under predicted heavy rainfall conditions.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Water should be maintained in the already transplanted rice with proper bund formation and transplanting operation should be continued.
PIGEON PEA (RED GRAM/ARHAR) (Vegetative)	Regular farming operations such as weeding-hoeing should be postponed. Proper drainage should be provided in the fields. Structures and vegetation that help prevent erosion and helps in water absorption should be used.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing operation can be postponed and should be done when the soil contains optimum moisture of 60-80% of available soil moisture.
BARNYARD MILLET (Germination)	Regular weeding-hoeing operations should be postponed and proper drainage should be provided in the field.
FINGER MILLET (Germination)	Regular weeding-hoeing operations should be postponed and proper drainage should be provided in the field.
MAIZE (Germination)	Regular farming operations should be postponed and provide proper drainage in the fields.
SOYABEAN (Germination)	Regular farming operations should be postponed and provide proper drainage in the fields.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Maturity and Harvesting)	The mature crop should be harvested and sent for sale immediately to avoid spoilage.
FRENCH BEAN (Maturity and Harvesting)	The mature crop should be harvested and sent for sale immediately to avoid spoilage. Provide proper drainage in the fields to avoid spoilage of mature beans.
POTATO (Harvesting)	Store the harvested potato in dry place to avoid spoilage.
PEACH (Harvesting)	The mature fruits should be harvested and sent immediately for sale while nets should be used to protect the fruits on trees using nets still in the process of ripening.
PLUM (Harvesting)	The mature fruits should be harvested and sent immediately for sale while nets should be used to protect the fruits on trees using nets still in the process of ripening.

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 already available.

Likely impacts of weather warnings (General)

Obstruction in regular activities and increase in disease occurrence.

Impact based advisories (General)

Use raincoats/umbrellas. Avoid getting wet in the rain and improve immune system. Keep the surroundings clean.

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>