



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 : 2025-07-15

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-16	2025-07-17	2025-07-18	2025-07-19	2025-07-20
Rainfall(mm)	9.0	16.0	18.0	7.4	4.0
Tmax(°C)	28.2	27.8	27.6	28.6	30.2
Tmin(°C)	22.2	22.1	22.2	22.2	22.7
RH-I(%)	84	88	90	90	84
RH-II(%)	59	62	65	63	58
Wind Speed(kmph)	4	4	4	3	3
Wind Direction(Degree)	68	53	63	56	30
Cloud Cover(Octa)	6	8	7	4	4
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts light rainfall of 4-18 mm and maximum-minimum temperature varying between 28.0-30.0°C and 22.0-23.0°C, respectively. The wind is expected to blow from east-north-east, north-east-east and north-east-north direction at a speed of 3-4 kmph. Yellow warning has been issued regarding the occurrence of thunderstorm accompanied with lightning / intense to very intense spell of rain at isolated places with gusty winds of the speed 30-40 Kmph on 15 July. Yellow warning has been issued regarding the occurrence of heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places on 16 July accompanied by gusty winds (30-40 kmph). On 17 July an orange alert has been issued regarding the occurrence of heavy to very heavy rain / thunderstorm accompanied with lightning / intense to very intense rain spell at isolated places. On 18 July the conditions as on 16 July would exist with gusty winds of 30-40 kmph while on 19 July thunderstorm accompanied by lightning/intense to very intense rain spell at isolated places is expected to exist for which yellow warning has been issued.

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

Heavy rain warnings have been issued accompanied with thunderstorm/lightning/intense to very intense rain spell, squall, etc.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging; impacts sowing and farming operation of rajma, black gram, green gram; spoilage of harvested horticultural crops. Provide proper drainage; delay sowing and other farming operations under heavy rainfall; the harvested horticultural crops should be stored well or sent immediately for sale.

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-minimum temperature trend during 18.07.2025 to 24.07.2025.

SMS Advisory:

As per IMD, heavy rainfall has been issued for 16-18 July, thus proper drainage should be provided and farming operations should be delayed.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Provide proper drainage and in case of seedling damage due to intense rain spell or gusty winds, gap filling should be done. Fertilizer application should be scheduled on light rainfall days.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	Proper drainage should be provided and farming operation like weeding-hoeing or chemical application should be scheduled on light rainfall days.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing should be scheduled as per the forecast on light rainfall days and on heavy rainfall days, proper drainage should be provided to avoid water logging.
BLACK GRAM (Sowing)	The sowing should be scheduled as per the forecast on light rainfall days and on heavy rainfall days, proper drainage should be provided to avoid water logging.
GREEN GRAM (Sowing)	The sowing should be scheduled as per the forecast on light rainfall days and on heavy rainfall days, proper drainage should be provided to avoid water logging.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Farmers should harvest the ripe tomato crop and there is possibility of viral disease occurrence after rain so destroy the infected plants and use insecticides to control sap-sucking insects. Spray all-purpose pesticides such as Mancozeb 2.5 gram/litre of water or copper oxychloride 3.0 gram/litre in water for prevention of blight outbreak only when conditions are favourable.
FRENCH BEAN (Harvesting)	Harvest ripe beans and control rain caused diseases like black rot. Spray Carbendazim 50% WP at the rate of 1 gram/litre. The spray should be scheduled on light rainfall days.
POTATO (Harvesting)	Harvest the mature crop and store well. Use of Mancozeb or Copper Oxychloride solution for the late blight disease of potato crop. Spraying should be scheduled on light rainfall days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.
COW	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders.

Live Stock	Live Stock Specific Advisory
	Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.

Likely impacts of weather warnings (General)

Waterlogging, impact on sowing and other spraying/farming operations, spoilage of harvested produce.

Impact based advisories (General)

Provide proper drainage, delay sowing and other farming/spraying operations or schedule on light rainfall days, the harvested produce should be stored well or sent for sale immediately.

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>