



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 : 2026-05-22

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-05-22 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-05-23	2026-05-24	2026-05-25	2026-05-26	2026-05-27
Rainfall(mm)	1.0	1.2	0.3	0.2	0.0
Tmax(°C)	31.0	31.0	30.0	31.0	32.0
Tmin(°C)	22.5	22.4	22.8	23.2	22.1
RH-I(%)	42	40	37	39	38
RH-II(%)	14	10	10	10	11
Wind Speed(kmph)	6	7	7	7	6
Wind Direction(Degree)	32	32	23	23	14
Cloud Cover(Octa)	2	1	1	1	1
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Heat Wave	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	No Warning

Forecast Summary:

The forecast indicates light rainfall of 1 mm in the upcoming week with maximum-minimum temperature to vary between 30°C to 32°C and 22.1°C to 23.2°C during the period. Wind speed is expected to vary from 5–7 kmph with north–east, north-east-north and north-north-east direction. Yellow warning has been issued regarding the occurrence of thunderstorms & lightning, squalls, strong surface winds and heatwaves. The temperature is expected to remain above normal and no warning has been issued for other days.

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

Yellow warning for 22 and 23 regarding the occurrence of lightning, thunderstorm, squalls, strong surface winds and heat waves.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Strong surface winds and heat waves can cause flower/fruit drop . Apply irrigation and use mulch to conserve soil moisture. Avoid any chemical application on strong windy days.

General Advisory:

The weather forecast is regularly updated on "Mausam App" and weather associated agrometeorological advisory is regularly updated on "Meghdoot App". "Daminin App" is available to get lightning information. Mausam, Meghdoot and Damini apps can be downloaded from Google Play Store

(Android Users) and App Center (iOS Users). The extended range forecast from 22 to 28 May indicate large deficient rainfall, above normal maximum and minimum temperature.

SMS Advisory:

As per IMD, thunderstorm and heat wave alert has been issued so irrigation should be applied and mulch should be used to conserve moisture. Avoid any application of chemicals.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery)	Nursery sowing can be delayed under predicted conditions and scheduled on dry, no warning days. Avoid any kind of chemical application on warning days.
MAIZE (Sowing)	Maize sowing can be scheduled on dry, no warning days. Apply irrigation after sowing and no farming activities should be done during afternoon hours to avoid harm due to heat waves.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	The sowing operation should be scheduled on dry, no warning days and irrigation should be applied just after sowing.
BARNYARD MILLET (Sowing)	The sowing operation should be scheduled on dry, no warning days and irrigation should be applied just after sowing.
FINGER MILLET (Sowing)	The sowing operation should be scheduled on dry, no warning days and irrigation should be applied just after sowing.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Vegetative)	Apply irrigation on later days when no warning has been issued and use mulch to conserve moisture and regulate temperatures.
CAPSICUM (Vegetative)	Apply irrigation on later days when no warning has been issued and use mulch to conserve moisture and regulate temperatures.
APPLE	Avoid any kind of chemical spray on warning days and schedule them on dry no warning days. Apply irrigation and use mulch around the basin to conserve moisture.
PEAR	Avoid any kind of chemical spray on warning days and schedule them on dry no warning days. Apply irrigation and use mulch around the basin to conserve moisture.
PEACH	Harvest ripe fruits to avoid any bruising under adverse weather. Apply irrigation on dry no warning days.
PLUM	Harvest ripe fruits to avoid any bruising under adverse weather. Apply irrigation on dry no warning days.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Increase to 4–5 water troughs per 20 animals. Change water at least 3 times daily to prevent bacterial growth in warm water. All cows and buffaloes must be housed in well-ventilated shaded sheds. Open south and west-facing sides of sheds for cross-ventilation. Use gunny bags or wet cloth screens on windows to cool incoming air. Install sprinkler/fogger systems or manually sprinkle cold water on animals during peak afternoon hours to reduce body temperature. Shift 60–70% of feed to evening/night and supplement it with electrolyte mixture daily. Restrict grazing to early morning and late evening. Maintain body condition score by slightly increasing concentrate feed (250–500g extra/day). Cooler housing directly prevents milk loss.
BUFFALO	In the summer season, time to time spraying of melathiyan or other insecticide should be done in the drains near the animal shed. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water

Live Stock	Live Stock Specific Advisory
	at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately

Likely impacts of weather warnings (General)

Yellow warning for 22 and 23 regarding the occurrence of lightning, thunderstorm, squalls, strong surface winds and heat waves. Strong surface winds and heat waves can cause flower/fruit drop .

Impact based advisories (General)

Apply irrigation and use mulch to conserve soil moisture. Avoid any chemical application on strong windy days.

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>