



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for NAINITAL District
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2025-07-18

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-07-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-19	2025-07-20	2025-07-21	2025-07-22	2025-07-23
Rainfall(mm)	3.0	1.8	46.0	102.0	50.0
Tmax(°C)	33.0	30.0	29.0	28.0	28.0
Tmin(°C)	22.1	22.7	22.6	22.0	22.2
RH-I(%)	90	85	92	95	90
RH-II(%)	60	60	72	75	72
Wind Speed(kmph)	4	2	2	3	1
Wind Direction(Degree)	66	53	104	83	315
Cloud Cover(Octa)	3	5	8	8	7
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc	Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc

Forecast Summary:

The upcoming week predicts heavy to very heavy rainfall of 2-102 mm and maximum-minimum temperature varying between 28.0-33.0°C and 21.0-23.0°C, respectively. The wind is expected to blow from east-north-east, north-east-east, east-south and north-west direction at a speed of 1-4 kmph. Yellow warning has been issued for 18 and 19 July regarding the occurrence of thunderstorm accompanied with lightning / gusty wind (30-40 Kmph) at isolated places. A red warning has been issued for 20 July regarding the occurrence of extremely heavy rain at isolated places with heavy to very heavy rain / very intense to extreme rain spell at a few places. An orange alert has been issued regarding the occurrence of heavy to very heavy rain / intense to very intense rain spell accompanied by thunderstorm/lightning / gusty wind (30-40 Kmph) on 21 and 22 July .

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

Yellow, red and orange alert has been issued regarding extreme rainfall conditions.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging, damage to seedlings, interruptions in regular farming activities like sowing and spraying, spoilage of harvested produce Proper drainage should be provided, the sowing and spraying applications should be delayed, the harvested produce should be stored well.

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 25.07.2025 to 31.07.2025.

SMS Advisory:

As per IMD, extremely heavy rainfall has been predicted so proper drainage should be provided in the fields, farming operations should be delayed and harvested produce should be stored well.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Proper drainage should be provided in the transplanted crop fields. Any chemical spray should be delayed.
MAIZE (Sowing)	Proper drainage should be provided in the already sown crop and sowing operation should be delayed.
SOYABEAN (Sowing)	The sowing operation should be delayed and proper drainage should be provided in the already sown crop.
GREEN GRAM (Sowing)	The sowing operation should be delayed and proper drainage should be provided in the already sown crop.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Harvesting of ripened tomato should be done and proper drainage should be maintained.
CAPSICUM (Harvesting)	Harvesting of ripened capsicum should be done and proper drainage should be maintained.
BRINJAL (Harvesting)	Harvesting of ripened brinjal should be done and proper drainage should be maintained.
CHILLI (Maturity and Harvesting)	Proper drainage should be maintained in the field and any kind of spray should be avoided. The harvested produce should be sent immediately for sale or stored well.
FRENCH BEAN (Maturity and Harvesting)	Proper drainage should be maintained in the field and any kind of spray should be avoided. The harvested produce should be sent immediately for sale or stored well.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.
COW	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.

Likely impacts of weather warnings (General)

Waterlogging, delay in sowing and application of chemicals, spoilage of harvested produce.

Impact based advisories (General)

Provide proper drainage, sowing and spraying operations should e rescheduled, the harvested produce should be stored well or sent immediately for sale.

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>