



Agromet Advisory Bulletin

Date : 2025-06-24

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-06-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-25	2025-06-26	2025-06-27	2025-06-28	2025-06-29
Rainfall(mm)	30.0	45.0	40.0	35.0	15.0
Tmax(°C)	21.0	20.0	19.0	19.0	20.0
Tmin(°C)	19.0	18.0	17.0	17.0	18.0
RH-I(%)	95	95	95	95	90
RH-II(%)	65	65	70	70	65
Wind Speed(kmph)	6	6	4	4	4
Wind Direction(Degree)	140	140	140	140	140
Cloud Cover(Octa)	8	8	8	8	6
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

The upcoming week predicts light to moderate rainfall of 15-45 mm and maximum-minimum temperature varying between 19.0-21.0oC and 17.0-19.0oC, respectively. The wind is expected to blow from south-east at a speed of 4-6 kmph. On 24 & 28 June yellow warning has been issued regarding the occurrence of heavy rain with thunderstorms/lightning/intense to very intense rain spell/gusty winds (40-50 kmph) at isolated places while for 25 June orange alert has been given regarding heavy to very heavy rainfall with similar thunderstorm conditions. For 26 & 27 orange alert has been given regarding heavy to heavy rainfall events with yellow alerts on thunderstorm activities at isolated areas.

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

Heavy to very heavy rainfall activities accompanied by lightning/thunderstorm/intense to very intense rain spell/gusty winds (40-50 kmph) at isolated places

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging , impact on germination and sowing activities, spoilage of mature and harvested horticultural crops. Provide proper trenches for drainage and clearance of water from fields, Provide net protection to young seedlings and delay sowing, harvest the mature fruits.

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 normal rainfall and maximum-minimum temperature trend during 27.06.2025 to 03.07.2025.

SMS Advisory:

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

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/seedling)	The nursery preparation should be done but the fertilizer application should be postponed due to heavy rainfall prediction. Protect the seedlings from rainfall impact with shade nets and provide proper drainage in case of excessive rainfall.
PIGEON PEA (RED GRAM/ARHAR) (Seedling Growth)	Proper drainage should be provided and the regular farming activities should be postponed after the 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)	Sowing can be delayed under the predicted rainfall conditions and proper drainage should be provided in the already sown crop.
GREEN GRAM (Sowing)	Sowing can be delayed under the predicted rainfall 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 should be provided in the field.
BARNYARD MILLET (Germination)	The farming operations in the crop should be postponed and proper drainage should be provided in the field.
FINGER MILLET (Germination)	The farming operations in the crop should be postponed and proper drainage should be provided in the field.
SOYABEAN (Germination)	The farming operations in the crop should be postponed and proper drainage should be provided in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Maturity and Harvesting)	Farmers should harvest the ripened tomato crop and protect the crop from harm due to adverse weather conditions using shade nets. Provide proper drainage in the field.
FRENCH BEAN (Maturity and Harvesting)	Harvest the ripened crop and immediately send to market for sale. Provide proper drainage in the fields.
POTATO (Maturity and Harvesting)	The harvested crop should be stored well and proper drainage should be provided in the field.
PEACH (Physiological Maturity)	Harvest mature fruits and provide shadenet protection to avoid damage under adverse weather conditions. Provide proper drainage.
PLUM (Physiological Maturity)	Harvest mature fruits and provide shadenet protection to avoid damage under adverse weather conditions. Provide proper drainage.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. To protect the animals from excessive heat using shady trees. To

Live Stock	Live Stock Specific Advisory
	avoid the insufficiency of fodder, the farmers should store the fodder for such times. To avoid deficiency of important nutrients, sufficient amount of salt mixture along with the fodder should be provided.
BUFFALO	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). Buffaloes should be kept for wallowing in water in case of extreme hot and humid conditions.

Likely impacts of weather warnings (General)

Spoilage of mature fruits and harvested horticultural produce, delay in sowing and impact on germination, water logging.

Impact based advisories (General)

The mature fruits should be harvested well in time and sent immediately for consumption or in case of storage should be well stored to avoid spoilage, the already sown crop fields should be provided proper drainage to avoid impact on germination.

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>