



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for HATHRAS District
Chander Shekhar Azad University of Agriculture & Technology
Kanpur, Uttar Pradesh



Agromet Advisory Bulletin

Date : 2025-10-31

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2025-10-31 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-01	2025-11-02	2025-11-03	2025-11-04	2025-11-05
Rainfall(mm)	0.0	0.0	0.0	0.0	1.0
Tmax(°C)	29.0	31.0	32.0	32.0	32.0
Tmin(°C)	21.0	21.0	19.0	18.0	18.0
RH-I(%)	84	86	65	54	57
RH-II(%)	49	37	32	33	30
Wind Speed(kmph)	1	4	5	2	2
Wind Direction(Degree)	18	239	278	261	37
Cloud Cover(Octa)	5	1	2	2	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, due to light to moderate cloud cover in the next five day there is a possibility of drizzling with thunderstorms & lightning at local level dated on 05 November, 2025. The maximum temperature is between 29.0-32.0°C, which is likely to be 1-2°C lower normal and the minimum temperature is between 18.0-21.0°C, which is likely to be 3-4°C higher normal. The maximum and minimum range of relative humidity is between 57-86 and 30-49%. Wind direction is north-east, north-west, south-west and wind speed is between 1.0-5.0 km/h with winds expected to be 3-4 Km/h higher normal.

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

According to the weather forecast received from the Indian Meteorological Department, there is a warning of light rain with thunderstorms and lightning, high wind speed at local level dated on 05 November, 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to thresh harvested Kharif crops and preserve the grain, and sow Rabi crops and vegetables at appropriate moisture. Crops sown during the Rabi season, such as chickpeas, peas, lentils, mustard, and flax, should be sown only after seed treatment.

General Advisory:

Farmers are informed that a two-day All India Farmers Fair and Agricultural Industry Exhibition is being organized on 05-06 November, 2025 in the main campus of Chandrashekhar Azad University of Agriculture and Technology, Kanpur and they should attend the All India Farmers Fair and Agricultural Industry Exhibition and avail full benefits.

SMS Advisory:

Farmers are advised to ensure that the weather is favorable for harvesting/threshing of standing Kharif crops and sowing of Rabi crops like wheat, gram, peas, mustard, linseed, potatoes and vegetables

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Maturity and Harvesting)	Harvest the paddy crops and after drying for 2 -3 days after harvesting, and after harvesting, dry the sun for 3-4 days and store the seeds.
GROUNDNUT (Maturity and Harvesting)	Dig the groundnut crops only when the veins above the peel become visible and the inner part becomes brown and the peanut grain turns pink. After digging peanuts, dry the pods thoroughly in the sun and store them.
WHEAT (Sowing)	According to the weather, the temperature is favorable for sowing of wheat in the irrigated condition, so the sowing of wheat should start from 10 November. Prepare field for sowing wheat and regional species PBW-723, HPBW-01, DBW-39, K.-9107, K.-1006, K.-402, K.-607, D. .BW-90, WB-02, NW-5054, HD-3043, U.P-2382, H.U. W-468, PBW-443, HD-2967 etc. Recommendation species for erosive land: - KRL-210, KRL-213, K.- 1317 etc. for the sowing of any species of manure and seeds should be arranged.
RAPESEED (Vegetative)	There is a possibility of infestation of hairy caterpillar in the rapeseed crop, so for its prevention, Emamectin benzoate 5% SG at the rate of 200 g / ha is sprayed in 500-600 liters of water. Within 20-22 sowing of rapeseed crop, weeding should be done within 10-22 centimeters distance from plant to plant. In the rapeseed crop, the first irrigation should be done within 25-30 days of sowing and on arrival of oats, make top dressing of urea at the rate of 108 kg / ha.
MUSTARD (Sowing)	Saw fly in mustard crop - These pests cause more damage in 7 to 10 days of germination. To prevent this, methyl parathion 2 percent or malathion 5 percent or carbaryl 5 percent powder at the rate of 25 kg per hectare in the morning or evening. It on clear weather for sowing work at the rate of 3-4 kg seed/ha for sowing any one of the recommended varieties of rye/mustard-Pusa Mustard-34, Pusa Mustard-32, Varuna (V-WRR-2), C5-64 (CS2005-143), Pusa OOM-36 (PDZ-15), BMP-II (DIMR), Azad Mahak, Surekha (KMR-16-02), Rohini, Narendra Rai- 8501, Maya, Vaibhav etc.
FIELD PEA (Sowing)	For sowing of any varieties of pea crop recommended Variety - rachana, Malaviya pea-15, Sapna etc., sow at the rate of 100-125 kg seed / hectare.
CHICK PEA (Sowing)	For sowing of any varieties of chickpea, crop recommendation species-Awarodhi, Pusa-256, Pusa-362, K.W.R-108, K-850, K.D.G.-1168 etc. Small grain seeds of 75-80 kg/ hectare for large grain seeds, sow at the rate of 90-100 kg of seed / hectare.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Sowing)	Main varieties of potato - Kufri Bahar, Kufri Anand, Kufri Badshah, Kufri Sinduri, Kufri Sutlej, Kufri Evergreen Lalima, Kufri Arun, Kufri and Kufri Pukhraj, Kufri Garim, Kufri Lima, Kufri Lalit, Kufri Sangam, Kufri Neelkanth, Kufri Ganga, Kufri Thar-3, Kufri Mohan, Kufri Neelkanth, Kufri Surya, Kufri Chipsona-1, Kufri Chipsona-3, Kufri Chipsona-4 And the weather is favorable for sowing of Kufri, Friesona etc. To prevent chicken pox in potato crop, spray 100 grams of streptocycline or boric acid in 10 liters of water and spray the tubers on the seeds and do not treat the germinated seeds.
VEGETABLE PEA (Sowing)	Sow vegetables like peas, fennel, celery, beetroot, garlic, coriander, spinach, soya, fenugreek, radish, carrot, turnip and leafy vegetables. Raise nursery of tomato, onion, chilli, cauliflower and cabbage. If there is a possibility of water stagnation in the field, then plant cauliflower, brinjal, tomato, chilli etc. on the ridges. If there is an infestation of fruit borer/leaf borer insect in vegetable crops, then for its control, make a solution of neem oil in 1.5 ml/litre water and spray it 3-4 times at an interval of 8-10 days.
MANGO (Vegetative)	Plant new plants in place of destroyed plants in new orchards of mango, guava, amla, lemon etc. After hoeing the banana/papaya gardens, add 25-30

Horticulture (Stage)	Horticulture Specific Advisory
	cm high soil around the stem. Install wooden or boss stands in banana/papaya fruit trees. To prevent leaf cutting insect in mango, sprinkle 2% carbaryl 1.5% dust.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Farmers are advised not to tie pregnant buffaloes/cows at sloping places. Feed nutritious fodder and grains to pregnant buffaloes/cows and feed colostrum to the newborn baby for three days. Keep animals in a clean place. Be sure to vaccinate animals to protect them from strangulation. In view of the changing weather, do not tie animals in open places at night and ensure to take care of the health and illness of the animals. Provide adequate amount of grains along with green and dry fodder to the animals. Make sure to feed clean and fresh water to animals 3-4 times a day.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to Clean every day at the place where the chickens live. Arrange for clean water and balanced diet to the hens. This is not the right time to raise new chicks for eggs but it is a suitable time for broiler chickens. Add supplementary food, vitamins and energy food material to the chickens' diet and also give calcium material to the chickens. Chlorination of water must be done. Give deworming medicine to kill the worms in the stomach of the chickens. Keep the chicken house dry and keep turning the bedding.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is a warning of light rain with thunderstorms and lightning, high wind speed at local level dated on 05 November, 2025.

Impact based advisories (General)

Farmers are advised to thresh harvested Kharif crops and preserve the grain, and sow Rabi crops and vegetables at appropriate moisture. Crops sown during the Rabi season, such as chickpeas, peas, lentils, mustard, and flax, should be sown only after seed treatment.

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/>

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