



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



Agromet Advisory Bulletin

Date : 2026-02-17

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2026-02-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-18	2026-02-19	2026-02-20	2026-02-21	2026-02-22
Rainfall(mm)	0.0	1.0	0.0	0.0	0.0
Tmax(°C)	27.0	26.0	29.0	30.0	30.0
Tmin(°C)	13.0	14.0	15.0	15.0	14.0
RH-I(%)	94	92	92	83	83
RH-II(%)	47	53	41	34	33
Wind Speed(kmph)	7	5	4	7	11
Wind Direction(Degree)	102	304	90	328	300
Cloud Cover(Octa)	0	5	0	0	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 clear sky weather first, forth and fifth days and light to moderate cloud cover in the remining days there is a possibility of light rain with high wind speed, Thunderstorms & Lightning dated on 19 February, 2026 . The maximum temperature is between 26.0- 30.0°C, which is likely to be 4-5°C higher normal and the minimum temperature is between 13.0-15.0°C, which is likely to be 3-4°C higher normal. The maximum and minimum range of relative humidity is between 83-94 and 33- 53%. Wind direction is south-east, north-west and wind speed is between 4.0-11.0 kmph with gusts expected to be 3-4 kmph high speed than normal.

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

According to the weather forecast received from the Indian Meteorological Department, a warning has been issued for light rain with high Winds speed Thunderstorms & Lightning, Squall etc dated on 19 February, 2026

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Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are informed that in view of the possibility of rain, irrigation work in standing Rabi crops should be postponed and the grains should be preserved by harvesting and threshing the mature crops.

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General Advisory:

Farmers are advised to irrigate standing Rabi crops only when the wind is calm; otherwise, there is a higher risk of the crops lodging (falling over). For sowing Zaid maize, urad (black gram), and summer vegetables, arrange for fertilizers and seeds and sow when the soil moisture is adequate. When using pesticides, fungicides, and herbicides, use separate equipment or thoroughly wash the equipment with clean water before each application. Do not spray or dust pesticides, fungicides, or herbicides while standing against the wind. If possible, spray in the evening. After spraying, wash your hands thoroughly with soap or handwash before eating or drinking, and wash your clothes and take a bath.

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SMS Advisory:

Irrigate standing crops as per requirement and the weather is favorable for harvesting, threshing of mature crops and sowing of summer crops.

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Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Flowering)	Farmers are advised to do fourth irrigation in wheat crop after 80-85 days (before earing). Use fodder made of zinc phosphide or aluminum phosphide cake when rats are found in the wheat crop. Make collective efforts for the prevention of rats.
MUSTARD (Grain filling and Maturity)	Harvest the crop when the mustard pods become 75% golden in color. After harvesting the mustard crop, dry the crop and separate the seeds after threshing. Mustard crop is likely to show outbreak of aphid in mustard crop, so Chlorpyrifos rate of 20% EC 1.0 liter / ha or Monocrotophos 37% SL @ 500 ml / ha for its prevention spray from 500 - 600 liters of water.
FIELD PEA (Pod Development)	There is a possibility of outbreaks of Pod borer insects in the pea crop, so for its prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Enamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water Solution.
CHICK PEA (Pod Development)	There is a possibility of outbreaks of pod borer insects in the gram crop, so for it's prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Enamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water.
MAIZE (Sowing)	Recommended to the composite varieties of Zaid Maize - Tarun, Naveen, Mahi, Kanchan, Gaurav, Sweta, Azad Uttam and Hybrid Varieties - Prakash, Dikalb- 7074, Dikalb- 9108, Dikalb- 9208, Dikalb- 9141, Dikalb- 9165, Dikalb- 9217, PHB-8144, Deccan 115, MMH-133 etc. Sow by arranging fertilizers and seeds for sowing any one species. Sow 20-25 kg seed/hectare for composite variety of maize and 18-20 kg seed/hectare for Hybrid variety.
BLACK GRAM (Sowing)	Do to Zaid black gram is variety - Urd-Ta-9, Narendra Urd-1, Azad Urd-1, Azad Urd-2, Shekhar-2, Sujata, PU-40 etc arrange of fertilizer and seed for sowing of any one of the varieties. for sowing of black gram seeds at the rate of 25-30 kg of seed / hectare .
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Horticulture Specific Advisory:

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POTATO (Physiological Maturity)	Cut the lock of the crop 15-20 days before digging the potato crop, which makes the skin of the tuber firmer and reduces the possibility of potato rot.
ONION (Vegetative)	Outbreak of purple spot disease in onion crop affects the condition at 28 - 30 ° C temperature and 80 - 90% relative humidity, so copper oxychloride 0.3% (3 g/liter water) or Mancozeb at the rate of 0.25% (0.25 g/liter of water) and spray 3-4 at a 15-20 day interval. Sown vegetables such as ladyfinger, zucchini, cucumber, bitter gourd, gourd and pumpkin etc. sown during summer season.
MANGO (Flowering)	There is a possibility of an outbreak of midge insect in mango blossom, so spraying phenythrothian solution in 1.0 ml / liter water to prevent it. In mango orchards, there is a possibility of moth and mango hopper pest infestation, so spraying Chlorpyrifos 20 EC 2.0 ml or Phenitrothian 50 EC 3.0 ml / liter water is sprayed to prevent it.
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Live Stock Specific Advisory:

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BUFFALO	After the animals are fed, make 750 grams mustard oil, 100 grams turmeric, 50 grams dry ginger, 50 grams cumin, 500 grams jaggery mixture and OT for morning and evening for three days. In view of the current weather, farmers are advised to swing the animals in the morning and evening to protect them from the cold, their animals in the open during the night and Draw and put curtains of jut sack on windows and doors at night and remove put curtains in

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	the sun during the day. Give sufficient quantity of grains to the animals with green and dry fodder. Animals must be given fresh and fresh water 3-4 times a day. Keep the animals in a clean place.
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Poultry Specific Advisory:

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Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, a no warning has been issued in the next five days.
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Impact based advisories (General)

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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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