



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



Agromet Advisory Bulletin

Date : 2026-02-27

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2026-02-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-28	2026-03-01	2026-03-02	2026-03-03	2026-03-04
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	32.0	32.0	33.0	34.0
Tmin(°C)	14.0	16.0	16.0	17.0	17.0
RH-I(%)	76	67	62	58	55
RH-II(%)	42	41	38	36	35
Wind Speed(kmph)	7	3	8	9	14
Wind Direction(Degree)	279	315	304	299	296
Cloud Cover(Octa)	0	1	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 in the next five days there is a no possibility of rain . The maximum temperature is between 32.0- 35.0°C, which is likely to be 5-6°C higher normal and the minimum temperature is between 15.0- 18.0°C, which is likely to be 2-3°C higher normal. The maximum and minimum range of relative humidity is between 30-51 and 10- 17%. Wind direction is north-west and wind speed is between 3.0- 14.0 kmph with gusts expected to be 4-5 kmph high speed than 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 no weather warning in the next five days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are informed that the weather is favorable for light irrigation as per requirement in standing Rabi crops, harvesting and threshing of mature crops and sowing of crops to be sown in Zaid.

General Advisory:

Farmers are advised to do light irrigation of wheat, vegetables crops in the evening and the weather is favorable for sowing of Zaid Maize, Urd and Vegetables and digging of potato crop. For insecticides, pesticides and weedicide chemicals, separate or use only to wash equipment with clean water and do not spray or spray insecticides, pesticides and weedicide standing in the opposite direction of the wind. Spraying should be done in the evening, if possible, after spraying, washing hands thoroughly with soap or hand washing before eating and after washing.

SMS Advisory:

Farmers are advised to do light irrigation of wheat, vegetables crops in the evening and the weather is favorable for sowing of Zaid Maize, Urd and Vegetables and digging of potato crop.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Millking)	Farmers are advised to irrigate the fourth irrigation 80-85 days (Booting Stage). At this time, do light irrigation in wheat. Do not irrigate in case of strong wind, otherwise there is a possibility of crop fall. In the wheat crop, when the outbreak of mice is seen, use fodder made of zinc phosphide or aluminum phosphide cakes collectively try to prevent mice.
MUSTARD (Maturity and Harvesting)	In mustard crop, 75% legume should be harvested when the golden color appears. The weather is favorable for harvesting and threshing of mustard ripe crops.
FIELD PEA (Grain filling and Maturity)	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 Emamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water Solution.
CHICK PEA (Grain filling and Maturity)	In the chickpea crop, there is an outbreak of pod borer in the stage of grain filling. There is a possibility of outbreaks of pod borer insects so for it's prevent this, spraying Qunalphos 25 EC@ 2 liters per hectare or Emamectin benzoate 5 % sg 180 - 200 gram per hectare in 500 to 600 liters of water.
MAIZE (Sowing)	Recommended complex varieties of maize - Kanchan, Gaurav, Sweta, Azad Uttam and Shankar species- Prakash, Dikalb- 7074, PHB- 8144, Deccan 115, MMH-133 etc. For sowing any one variety, arranging fertilizers and seeds, complete the sowing work as soon as possible. For sowing of maize composite variety, sow 20-25 kg seed / hectare and Shankar variety at the rate of 18-20 kg seed / ha.
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 .

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Maturity and Harvesting)	The weather is favorable for digging the potato crop and keeping it in a cold store.
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. Transplant the seedlings of tomato, brinjal and chilli.
MANGO (Flowering)	There is a possibility of an outbreak of midge insect in mango blossom, so spraying phenytrrothian 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 Chlorpyriphos 20 EC 2.0 ml or Phenitrothian 50 EC 3.0 ml / liter water is sprayed to prevent it.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	It is the right time to give insecticides to animals for the prevention of insects in the stomach. 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. Considering the current weather, farmers are advised not to tie the animals in the open during the night. 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.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to the hen supplements the food, mix vitamins and energy food material in their feed as well as calcium content to hens. Give medicine for the prevention of insects in the stomach of chickens.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is no weather warning in the next five days.

Impact based advisories (General)

Farmers are informed that the weather is favorable for light irrigation as per requirement in standing Rabi crops, harvesting and threshing of mature crops and sowing of crops to be sown in Zaid.

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>