



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



Agromet Advisory Bulletin

Date : 2026-01-30

Weather Forecast of District HATHRAS (Uttar Pradesh) Issued On : 2026-01-30 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-31	2026-02-01	2026-02-02	2026-02-03	2026-02-04
Rainfall(mm)	0.0	0.0	8.0	0.0	0.0
Tmax(°C)	21.0	23.0	22.0	23.0	23.0
Tmin(°C)	9.0	11.0	13.0	14.0	13.0
RH-I(%)	98	89	98	99	98
RH-II(%)	73	70	86	84	88
Wind Speed(kmph)	9	5	8	6	5
Wind Direction(Degree)	318	8	49	30	27
Cloud Cover(Octa)	5	2	5	2	2
Warning	Fog	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning

Forecast Summary:

According to the weather forecast from the Indian Meteorological Department, due to light to moderate cloud cover in the next five days, there is a possibility of light to moderate rain with local level at high winds speeds, thunderstorm & lightning dated on 02 February, 2026. The maximum temperature is between 21.0- 23.0°C, which is likely to be 1-2°C higher normal and the minimum temperature is between 9.0-14.0°C, which is likely to be 3-4°C higher normal. The maximum and minimum range of relative humidity is between 89-98 and 70-88%. The wind direction will be from the north-west, north-east and the wind speed will be between 5.0-9.0 km/hour, which is expected to be 3-4 km/hour higher than normal.

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 to moderate rain with Thunderstorms & Lightning, Strong Winds dated on 2 February, 2026.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to postpone irrigation and herbicide application to standing Rabi crops in view of the possibility of rain. To protect crops such as mustard, chickpeas, kidney beans, and peas from cold waves/frost, spray a solution of 0.1% sulfuric acid (1 liter in 1000 liters of water) when the sky is clear.

General Advisory:

Farmers are advised to postpone irrigation and herbicide/pesticide spraying on standing Rabi crops in view of the possibility of rain. Prepare the field and arrange for fertilizer and seeds for sowing summer maize and summer vegetables. Use separate equipment for pesticides, fungicides, and herbicides, or

wash the equipment thoroughly with clean water before each use. 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.

SMS Advisory:

Farmers are advised to postpone irrigation of standing crops and the sowing of summer maize and summer vegetables in view of the possibility of rain.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Tillering)	Third irrigation in wheat crop 60-65 days after sowing, do light irrigation at the stage of knot formation and do topdressing of one-third quantity of nitrogen after second irrigation when oat comes. If both narrow and broad leaf weeds appear in wheat crop sown very late, then Sulfosulfuran 75% WP at 33 gm/ha or Matribuzin 70% WP at the rate of 250 gm/ha can be used to control it. Make a solution in 600 liters of water and spray.
MUSTARD (Grain filling and Maturity)	Apply second irrigation in mustard crop before flowering or at seed filling stage. There is a due to continuous cloudy sky, mustard crop is likely to show outbreak of Gundi bug, Painted class and leaf mulch 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 in clear sky.
FIELD PEA (Pod Development)	Due to excess moisture in the environment, symptoms like white powder appear on the leaves, stems and legumes of the pea crop, (Buchani's disease) for its prevention, spraying of tridomorph 80% EC @ 500 ml per hectare in 500 to 600 liters of water and spraying it at 12-15 days interval when the sky is clear.
CHICK PEA (Pod initiation)	Stop the work of nipping in the gram crop . In irrigated gram, do light irrigations before flowering or at the stage of grain filling. There is a possibility of outbreak of cutworm (caterpillar insect) in gram crop, to prevent this, chlorpyrifos 50% EC + Spemethrin 5% EC at a rate of 2.0 liters / ha is sprayed in 500-600 liters of water.
MAIZE (Sowing)	Do to Zaid maize is composite variety - Kanchan, Gaurav, Shveta, Azad Uttam and Hybrid variety - Prakash, Decalb - 7074, PHB - 8144, Deccan 115, MMH - 133 arrange of fertilizer and seed for sowing of any one of the varieties. For sowing of maize composite variety, sow 20-25 kg seed / hectare and Shankar variety at the rate of 18-20 kg seed / ha.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative)	Do not do any kind of agricultural operations in the potato crop sown on time. Increasing humidity / cloudy environment and falling temperature causes rapid outbreak of scorching disease in potato crop, hence Mancozeb or Ridomil 2.5 g / liter of water or copper oxychloride of 3.0 g / liter of water to prevent it make slurry and spray it at 12-15 days interval.
ONION (Transplanting)	Prepare the field for sowing vegetables such as ladyfinger, luffa, cucumber, bitter gourd, gourd and pumpkin during summer season. Transplant the prepared onions and irrigate them immediately after planting. For weed control in onion crop, spraying of Pendimethalin 30% EC.3.5 liters of medicine / ha in 800 liters of water immediately after transplanting or just before irrigation. In tomato, chili crop, in case of late blight and outbreak of bacterial built disease, spray a mixture of 30 grams of copper oxychloride and 1 gram of streptocillin in 10 liters of water.
MANGO (Flowering)	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. To prevent the plum fruits from falling, spray the Super 6 hormone 1.0 ml per 4.5 liter water solution in clear sky. Planting soil on plants while weeding the banana plantation, prune the leaves and support the plants with bamboo or wood when the flowers and

Horticulture (Stage)	Horticulture Specific Advisory
	fruits emerge. Clean the mango trees and cut the twigs that are dry and diseased.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	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 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.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to give provide light to the chickens 15 to 16 hours a day. The hen supplements the food, mix vitamins and energy food material in their feed as well as calcium content to hens. Arrange enough heat to keep the chickens from freezing.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, a warning has been issued for light to moderate rain with Thunderstorms & Lightning, Strong Winds dated on 2-4 February, 2026.
--

Impact based advisories (General)

Farmers are advised to postpone irrigation and herbicide application to standing Rabi crops in view of the possibility of rain. To protect crops such as mustard, chickpeas, kidney beans, and peas from cold waves/frost, spray a solution of 0.1% sulfuric acid (1 liter in 1000 liters of water) when the sky is clear.
--

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>