



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for GANJAM District**  
 Orissa University of Agriculture & Technology,  
 Bhubaneswar



## Agromet Advisory Bulletin

Date : 2025-05-16

Weather Forecast of District GANJAM (Odisha) Issued On : 2025-05-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-17	2025-05-18	2025-05-19	2025-05-20	2025-05-21
Rainfall(mm)	5.0	3.0	1.0	0.0	0.0
Tmax(°C)	35.0	34.0	34.0	35.0	35.0
Tmin(°C)	28.0	28.0	27.0	27.0	27.0
RH-I(%)	82	84	83	85	86
RH-II(%)	34	35	38	39	36
Wind Speed(kmph)	4	5	4	3	3
Wind Direction(Degree)	207	198	197	186	201
Cloud Cover(Octa)	5	4	2	1	1
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Hot Day	No Warning	No Warning	No Warning

### Forecast Summary:

According to the weather forecast received from India Meteorological Department, Ganjam district is likely warm and humid conditions over the region with maximum temperatures ranging from 34°C to 35°C and minimum temperatures steady between 27°C and 28°C. Rainfall activity will gradually decrease from 5.0 mm on May 17 to nil by May 20 and 21. Humidity levels will remain high, with morning values between 82% and 86% and evening values ranging from 34% to 39%, indicating persistently muggy conditions. Wind speeds will be moderate at 3 to 5 kmph, mostly from the southwest to west directions.

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

On May 17 and 18, warnings are issued for thunderstorms, lightning, squall, strong surface winds, and hot day conditions, while the rest of the period is expected to remain relatively stable without any significant weather warnings.

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

The prevailing weather conditions are likely to impact agricultural activities. Standing crops, especially fruit-bearing and horticultural crops, may experience damage due to strong winds and hail, while high temperatures can lead to heat stress in crops and livestock. There is also a risk of lodging in tall crops

like maize and banana. Farmers are advised to provide mechanical support to such crops. Livestock should be kept in shaded, well-ventilated shelters, and drinking water should be made available to avoid heat-related stress. Farmers should stay updated with local advisories and take necessary precautions to safeguard agricultural assets.

### General Advisory:

light rain is expected in the coming five days. Farmers can go for the soil test before going for planning kharif crop.

### SMS Advisory:

As drizzle to very light rain is expected farmers can go for irrigation in standing crops.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Soft Dough)	Weather is favorable for infestation of Red hairy caterpillar in maize to manage farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CUCUMBER (Flowering)	Weather is favorable for Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.
POINTED GOURD (PARWAL) (Flowering)	Weather is favorable for fruit and vine rot of pointed gourd. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

### Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICK	Don't keep a dense population on the farm. As it leads to an increase in temperature and death rate of chicks. Add vitamin C to food or water of poultry as it decreases dehydration in chicks.

### Likely impacts of weather warnings (General)

The persistent hot Day over the forecast period may lead to increased heat stress in humans and animals, causing dehydration, heat exhaustion, or even heatstroke in vulnerable populations. Prolonged high temperatures and low humidity can result in faster moisture loss from soil, leading to wilting in crops and reduced productivity, particularly in water-sensitive and flowering-stage crops. Livestock may suffer from heat stress, reducing feed intake and milk production.

### Impact based advisories (General)

There could also be increased demand for irrigation water, and higher evaporation rates so irrigate crop as per the requirement. Provide enough clean drinking water to livestock along with salts and mineral.

**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>**