



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



Agromet Advisory Bulletin

Date : 2025-12-19

Weather Forecast of District GANJAM (Odisha) Issued On : 2025-12-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-20	2025-12-21	2025-12-22	2025-12-23	2025-12-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	28.0	28.0	28.0	28.0
Tmin(°C)	15.0	15.0	15.0	15.0	15.0
RH-I(%)	78	83	86	86	83
RH-II(%)	34	36	38	37	37
Wind Speed(kmph)	5	5	5	5	4
Wind Direction(Degree)	315	312	306	309	301
Cloud Cover(Octa)	2	3	2	1	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

The weather forecast for Ganjam district, Odisha, issued on 20 December 2025 and valid for the next five days up to 08:30 IST, indicates continued dry and stable weather conditions. No rainfall is expected from 20 to 24 December 2025. The maximum temperature will remain steady at around 28 °C, while the minimum temperature is likely to stay near 15 °C, providing mild winter conditions. Morning relative humidity (Humidity I) will be relatively high, ranging from 78 to 86%, whereas afternoon/evening humidity (Humidity II) will vary between 34 and 38%. Winds will be light to moderate, blowing at 4–5 kmph, predominantly from the north-west direction (301–315°).

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

no warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

As no weather warnings have been issued for Ganjam district during the forecast period, normal agricultural activities can continue without disruption. The absence of rainfall may gradually reduce soil moisture, particularly in light soils, which could affect rabi crops, vegetables, and newly sown pulses if irrigation is not timely.

General Advisory:

Dry weather is favorable for harvesting of paddy, ragi, vegetables, and pulses. Farmers may continue harvesting during morning hours when humidity is lower. Continue threshing and drying harvested produce under the sun, as no rainfall is expected. Store grains after proper drying (8–10% moisture) to avoid fungal infection.

SMS Advisory:

For vegetable nurseries (tomato, brinjal, chilli), maintain light irrigation during evening hours to reduce temperature stress.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
BLACK GRAM (Sowing)	Sowing of rabi crops can be carried out as rain is not expected in the coming five days.
MUSTARD (Sowing)	Optimum time for sowing of Rabi mustard has come, use varieties like T-9, PT-303, Nirmal black gold, ultra and 3-5 kg of seed for line sowing. Use 3 gram of Captan or Thiram per 1 kg of seed. Give spacing of 20*10 cm in late varieties and 30*10 cm in early sown varieties.
MAIZE	Farmers can go for sowing of maize if not done yet.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Sowing)	As weather is expected to be clear farmers can go for sowing of potato. Furrows are opened at a distance of 50-60 cm before planting. The whole or cut tubers are planted 15- 20 cm apart on the centre of the ridge at a depth of 5-7 cm and covered with soil. The seed rate of potato depends upon the season of planting, duration, seed size, spacing etc. The seed rate is 1.5-1.8 t/ha for round varieties and 2.0-2.5 t/ha for oval varieties.
CABBAGE (Physiological Maturity)	To manage Diamond Back Moth install 6-8 nos of light traps per acre. During primary stage of pest infestation spray neem based pesticide (Azadirachtin) 300 PPM @ 1-litre/acre by mixing in 200-litre of water. Spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Emamectin Benzoate 5 % SG @ @80-gram/acre by mixing in 200-litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animals should be given a mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during the winter season to meet the energy requirement of the animals.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Rainfall followed by clear sky, dry weather favours sucking pest like aphids, Jassids, thrips and whiteflies. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600-ml/acre by mixing it in 200-litre of water. To manage these sucking pests chemically spray Thiamethoxam 25 % WG) @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200-litre of water.

Likely impacts of weather warnings (General)

Livestock may experience mild cold stress during early mornings and nights; hence proper shelter and dry bedding are necessary.

Impact based advisories (General)

Since temperatures are moderate with cool nights and low afternoon humidity, crops may experience mild moisture stress; hence, timely irrigation is essential.

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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Damini MobileApp link : https://play.google.com/store/apps/details