



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



Agromet Advisory Bulletin

Date : 2025-07-18

Weather Forecast of District GANJAM (Odisha) Issued On : 2025-07-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-19	2025-07-20	2025-07-21	2025-07-22	2025-07-23
Rainfall(mm)	3.0	7.0	7.0	13.0	5.0
Tmax(°C)	34.0	34.0	34.0	35.0	35.0
Tmin(°C)	28.0	28.0	28.0	28.0	29.0
RH-I(%)	88	86	88	87	85
RH-II(%)	54	54	57	58	58
Wind Speed(kmph)	2	2	2	2	4
Wind Direction(Degree)	207	259	281	315	297
Cloud Cover(Octa)	4	5	5	6	5
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

According to the weather forecast received from India Meteorological Department, the weather forecast for Ganjam District, from July 19 to July 23, 2025, indicates a generally varying rainfall and consistent chances of thunderstorms and surface winds. Daily maximum temperatures will range from 34°C to 35°C, while minimum temperatures will hover around 28°C to 29°C. Humidity levels are expected to be high, with morning humidity between 85–88% and afternoon humidity between 54–58%. Wind speeds will remain moderate, ranging from 1.5 to 4.0 kmph, blowing mainly from the southwest to northwest directions. Cloud cover will range between 5 to 7 octas.

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

As sufficient rain is expected farmers can go for sowing and nursery preparation of kharif vegetables. Postpone pesticide/fertilizer application during rainy and windy days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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General Advisory:

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SMS Advisory:

light rain is expected in the coming five days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
FINGER MILLET (Sowing)	Use quality seeds like Arjuna, Kalua, Bhairavi, Chilika and seed rate is 1.5 kg for SMI methods, 2.5 Kg for line sowing and 4 kg/ac for broadcasting. Apply 10 g N and 10 g P per sq meter of nursery. For direct sowing apply 4 t FYM/ac. The fertilizer dose is 50:25:25 kg NPK/ha. To protect from termites apply 10 kg Chlorpyrifos at final preparation of the field.
GROUNDNUT (Sowing)	Collect good varieties like Dharani, Kadri-9, TAG-24, Kalinga Chinabadam. Seed rate is 50 kg seeds /ac. Treat the seeds before sowing with Rhizobium @ 30 g/kg seed after fungicide treatment. Spacing is 30 X 10 cm. After final land preparation apply 2 t FYM, 100 kg Gypsum, 4 kg Urea, 35 kg DAP, and 26 kg potash as basal dose.
MAIZE (Seedling Growth)	. If there is infestation of Fall Army Worm spray Emamectin Benzoate 5 % S.G @4 gram/ 10 litre of water or Spinetoram 11.7% S.C @ 5 ml/ 10 litre of water or Chlorantraniliprole 18.5% S.C @ 4 ml/10 litre of water in clear weather condition.200 litre of water per acre is required to spray the Insecticide.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POINTED GOURD (PARWAL) (Flowering)	Vine rot infestation has been observed in some places. For management remove the infected parts of the plant and spray azoxystrobin + tebuconazole @ 25 ml in 15 lt of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Vaccination should be given for haemorrhagic septicemia, Black quarter, and FMD during this time.

Likely impacts of weather warnings (General)

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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 lightning.

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