



Gramin Krishi Mausam Sewa
India Meteorological Department
Orissa University of Agriculture and Technology
RRTTS, Chiplima, Sambalpur



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Week no - 29

Date: 17.07.2026

West Central Table Land Zone

District-Bargarh

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 11.07.2026 to 17.07.2026

MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
11	12	13	14	15	16	17	11	12	13	14	15	16	17	11	12	13	14	15	16	17
31	33	33	35	34	33	28	25	25	24	25	24	22	23	0	2	0	0	21	37	72

Weather forecast for next 5 days

Date	18-07-2026	19-07-2026	20-07-2026	21-07-2026	22-07-2026
Rainfall (mm)	50	23	15	10	10
Max Temperature (° C)	29	29	30	30	30
Min Temperature (°C)	23	23	24	24	24
Total cloud cover (okta)	8	8	8	8	8
Max Relative Humidity (%)	91	93	93	92	91
Min Relative Humidity (%)	72	66	76	76	77
Wind speed (km/h)	13	16	14	12	11
Wind direction (deg)	251	269	266	253	256

For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116

Weather Summary/Alert:

According to the medium range weather forecast of IMD, MC, Bhubaneswar, there is a chance of occurrence of light to moderate rainfall along with heavy rainfall in one or two places and overcast sky is expected during upcoming week. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days. High relative humidity along with a wind speed of 11-16 km/h is predicted in south-westerly direction in upcoming days.

General Advisory

- As per extended range forecast of IMD, MC, Bhubaneswar, light to moderate rainfall at a few places to many places with isolated heavy rainfall condition is expected during first week (17th-23rd July, 2026) and whereas, light to moderate rainfall is likely at a few places during second week (24th-30th July, 2026), so farmers are advised to conduct agricultural operations accordingly.
- Farmers should monitor their fields regularly against various diseases infestation likes root rot, fusarium wilt, fruit rot, stem rot etc. and also the attack of sucking insects due to prevailing weather condition.
- Farmers are advised to start field preparation/ sowing operation after draining out excess water from field.
- Ensured proper drainage facilities to drain out excess water from fruit and vegetable fields.
- Make provision to store excess rainwater for future use.
- Due to prevailing weather condition, the signs of various disease attacks are showing in case of animal, so be alert and contact the nearest animal health center if necessary.

SMS Advisory

- Farmers are advised to wait some days for conducting any kind of agricultural operations because heavy rainfall condition is expected in one or two places over the district in upcoming days.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Nursery Sowing / Main field preparation/ Transplanting	• To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10 cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. • Use 12 -16 kg seeds/acre of HYV and 5-6 kg /acre of hybrids for nursery sowing. In less fertile lands apply fertilizer @ 6-3-3g of N, P₂O₅, K₂O /m² of nursery at the time of land preparation. • Main field land preparation should be done by puddling the field twice at

		7-10 days intervals and land levelling for uniform crop stand. Application of well decomposed FYM should be before first puddling. - For high yielding varieties apply 35 kg of DAP + 27 kg of MOP or 18 kg of urea +100 kg of SSP + 27 kg MOP per acre as basal dose at the time last puddling. - Transplanting of 25-30 days old seedlings should be done at a spacing of 20x15 cm at shallow depth, use only 2-3 seedlings per hill for high yielding varieties. For hybrids use 1- 2 seedling per hill.
Maize	Sowing/ Vegetative stage	- Farmers those not yet started sowing of maize are advised to start sowing while ensuring adequate soil moisture by draining out excess water from field. - Farmers should conduct weeding, hoeing, or earthing up etc. at earliest or wait a few days for inter-culture operation because there is a possibility of some amount of rainfall in the coming days also.
Arhar	Sowing	- To control soil and seed borne diseases in Arhar, seed treatment any suitable fungicide should be recommended before sowing of crop and also with Rhizobium culture @ 20g/kg seed followed by Tricoderma viridie 5-7g /kg of seed at the time sowing. Weed Management: Spraying of Pendimithalin 30% EC @ 1 liter per acre mixed with 200 liters of water within 72 hours of sowing. - Spraying should be done under clear weather condition.
Cucurbits	Flowering/ Fruiting	- Avoid water stagnation around roots and ensure proper drainage in fields. - Provide bamboo or wire trellises to keep vines off the wet ground, preventing rotting and blight in fruit. - There is a chance of occurrence of various fungal disease infestation in cucurbits due to prevailing weather condition so its regular monitoring should be advised.
Brinjal, Tomato and Chilli	Nursery Sowing/ Planting/ Vegetative/ Flowering/ Fruiting	- Provide adequate drainage facilities in standing crop field as well as in nursery. - Farmers have been advised to carry out sowing, planting, and inter-culture operations at earliest and provide mechanical support to protect vegetable crops because some amount of rainfall along with strong winds is expected in upcoming days. - Regular monitoring against various insects and diseases should be advised.
Okra	Flowering/ Fruiting	- Okra cannot tolerate standing water so farmers should construct raised beds or deep drainage channels around the field to quickly drain out excess water. - Present weather condition is favourable for sucking insect and borer attack in okra, so its regular monitoring should be advised.
Livestock		Due to past and prevailing weather condition, transmission of many types of infectious animal diseases likes FMD, HS, BQ etc. and multiplication of mosquitoes, flies and various microorganisms may increase among the animals so farmers should make necessary arrangements for vaccination against those diseases as soon as possible and ensure deworming before that and keep the animal shed always dry to control multiplication of these diseases.

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- For better agricultural benefits, use **OUAT KALINGA** products (Seedling, Sapling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value Added Products, Fingerling/Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermicompost and Farm Implements.)
 - IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>) in both English and Odia languages and farmers can also use **DAMINI mobile app** (<https://play.google.com/store/apps/details?id=com.lightening.live.damini>) for thunderstorm and lightning information and **MAUSAM app** for location specific forecast and warning.