



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



No. 58 (English Bulletin)

Week no - 29

Date: 21.07.2026

West Central Table Land Zone

District-Bargarh

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 15.07.2026 to 21.07.2026

MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21
34	33	28	28	28	28	29	24	22	23	24	24	25	24	21	37	72	13	23	4	16

Weather forecast for next 5 days

Date	22-07-2026	23-07-2026	24-07-2026	25-07-2026	26-07-2026
Rainfall (mm)	45	12	15	8	10
Max Temperature (° C)	29	30	30	31	32
Min Temperature (°C)	24	24	24	25	25
Total cloud cover (okta)	8	8	7	7	8
Max Relative Humidity (%)	94	93	90	89	89
Min Relative Humidity (%)	79	82	71	67	69
Wind speed (km/h)	8	16	17	11	10
Wind direction (deg)	249	236	239	249	255

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 to generally cloudy sky is expected during upcoming week. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days but slight increase in Maximum temperature may occur. High relative humidity along with a wind speed of 8-17 km/h is predicted in south-westerly direction in upcoming days.

General Advisory

- 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.
- Present weather condition is favourable for various insect and disease attack in a variety of crops, so its regular monitoring should be advised.
- 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 should wait for conducting any fertilizer application and other inter-culture operations until the soil has adequately drained and also monitor the field against fungal disease attacks.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Main field preparation/ Transplanting	• 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 take proper care while conducting any inter-culture operation like weeding, hoeing, or earthing up etc. • Crop with vegetative stage are advised to monitor their crop against stem borer attack because prevailing weather condition is favourable for its attack. • Destroy or burn all leftover rotten parts due to past rainfall condition.
Mango	Newly planted	• Farmers with newly planted mango orchards, are advised to prioritize drainage to prevent waterlogging and root rot. • Press the soil gently around the young sapling base if heavy rain has loosened it. Provide a bamboo stake to prevent strong winds from uprooting the new plant. • High soil moisture increases the risk of fungal diseases (like collar rot or anthracnose) and leaf-eating caterpillars so its regular monitoring should be advised. • Clear weeds around the basin to prevent them from competing for nutrients and harboring pests. • Postpone any chemical fertilizer or manure application until the soil has adequately drained to prevent nutrient leaching.
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	• The improved varieties like Utkal Madhuri, Utkal Tarini, Utkal Annushree, Blue Star is recommended for Brinjal, Utkal Pallavi,, Utkal Dipti, Utkal Kumari for Tomato and Utkal Rashmi, Utkal Ava, Pusa Jwala, Hybrid for Chilli. • Provide adequate drainage facilities in standing crop field as well as in nursery. • 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. • Waterlogged conditions promote fungal disease outbreaks in Okra so provide adequate drainage in field. • Present weather condition is favourable for sucking insect and borer attack in okra, so its regular monitoring should be advised. • Farmers should remove and destroy affected plants to avoid its rapid multiplication.
Livestock		• Due to prevailing weather condition, transmission of many types of infectious animal diseases likes FMD, HS, BQ etc. may increase among the animals so farmers are advised to vaccinate their animals against those diseases as soon as possible and ensure deworming before that. • Keep the animal shed always dry, apply disinfectants to control multiplication of these diseases. Ensure water is drained out from the surroundings of animal sheds.

	Prevent animals from drinking stagnant, contaminated water to avoid gastrointestinal infections and diarrhea.
Poultry	Poultry birds are highly susceptible to respiratory diseases and diarrhea during monsoon season so farmers should ensure adequate ventilation and avoid dampness in the poultry shed.
Fishery	Farmers should test and monitor the pond water for pH and dissolved oxygen, as heavy rain often makes the water acidic and reduces oxygen levels in the upper layers which is harmful for fish in pond.

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 - 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.