



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



No. 51 (English Bulletin)

Week no - 26

Date: 25.06.2026

West Central Table Land Zone
District-Bargarh

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 19.06.2026 to 25.06.2026

MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
19	20	21	22	23	24	25	19	20	21	22	23	24	25	19	20	21	22	23	24	25
38	38	39	37	32	35	35	26	25	24	23	23	23	25	0	4	0	7	15	22	0

Weather forecast for next 5 days

Date	26-06-2026	27-06-2026	28-06-2026	29-06-2026	30-06-2026
Rainfall (mm)	22	19	18	15	16
Max Temperature (° C)	35	36	36	35	36
Min Temperature (° C)	25	26	26	25	26
Total cloud cover (okta)	3	3	3	5	7
Max Relative Humidity (%)	74	74	73	73	78
Min Relative Humidity (%)	36	37	39	39	48
Wind speed (km/h)	7	7	6	11	15
Wind direction (deg)	237	223	227	229	251

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 moderate rainfall along with thunderstorm and lightning during upcoming week. Partly to generally cloudy sky is expected during that period. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days. High relative humidity along with a wind speed of 6-15 km/h is predicted in south-westerly direction in upcoming days.

General Advisory

- Considering the upcoming rainfall events, farmers are advised to wait some days for irrigation as well as spraying operation in standing crop fields.
- Due to strengthening of **El Niño** conditions during the Southwest monsoon season 2026 (as per IMD, forecast), **below-normal monsoon rainfall is expected during Kharif-2026, so farmers are advised to adopt the following climate-resilience strategies:**
 - Farmers should use short-duration, high-yielding crop varieties that mature quickly and require less water (e.g., specific millets, pulses, or drought-resistant paddy).
 - Sowing should be done after a good monsoon rain in rained areas.
 - If possible, use Direct Seeded Rice (DSR) instead of traditional transplantation to save significant amounts of water.
 - Follow crop diversification and avoid sowing at once or stagger planting method to minimize risk.
 - Use drip and sprinkler irrigation systems, which deliver water directly to the root zone and minimize evaporative loss.
 - Repair and strengthen field bunds to conserve rainwater during monsoon.
 - Conduct soil testing for balanced fertilization.
 - Apply organic mulch (straw, leaves) around the base of plants to retain soil moisture and reduce weed competition.
 - Harvest rainwater and employ water-saving methods, such as AWD (Alternate Wetting and Drying) for rice crops.
 - Follow weather based agro-advisories regularly and conduct agriculture operations accordingly.

SMS Advisory

- Keeping in view of prevailing monsoon condition, farmers should implement better moisture-conserving practices and use short/mid-duration crop or DSR method in paddy cultivation.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Pre-sowing/ Sowing	• Farmers should focus on use of early to medium varieties of rice as below normal monsoon rain is expected in this season. • The following varieties should be recommended for upland condition (90-120 days): Sahabhagi, Khandagiri, Mandakini, Phalguni, Nabana, Swarna Shakti, Swarna Sukha Dhan etc. and for medium to low land condition (120-140 days): Swarna Samriddhi, Bina Dhan 11, Improved Lalat, Swarna Sub-1, MTU-1156, MTU-1010, MTU-1001, Pratiksha, Naveen, Hiranmayee, Tejaswini etc. • Farmers should start land preparation for paddy nursery under available soil moisture in field due to prevailing rainfall condition or where irrigation facilities are available. • For wet-bed nursery, Pre-germinated seeds are broadcast on a soil that is thoroughly puddled and leveled. Drainage canals for proper removal of water must be constructed. • Total seed bed area is about 1/10 of the area to be transplanted and about 40 kg of seed are required to transplant 1 hectare. • Sowing of red gram/pigeon pea/arhar can be taken on paddy bunds during June wherever feasible.
Cotton	Pre-sowing/ Sowing	• Considering the below normal monsoon rainfall in upcoming season, farmers of rain fed areas are advised to undertake sowing only after adequate soil moisture accumulation. • Farmers may choose some Hybrid varieties like JK-Durga, Atal, Dhano, Gabar, Sri Tulasi, Bhagya, Akka, Chandramukhi and High yielding varieties like BS 30, BS 279, Surabhi, MCU-5 etc. For High density planting, Suraj, Supriya, PKV-081, NH-615, HD-123, BS 30 should be recommended. • 1kg and 5kg seed should be used for one acre for normal planting and high density planting respectively. • Before sowing, Seed should be treated with Imidachloprid 70 WG @ 7g/kg of seed for protection against sucking pest.
Mango	Planting	• Selected seedlings should be healthy and big enough for planting as they have a higher chance of survival and should not show signs of pests and diseases. • If ready to plant, re-fill the planting holes with a ¼ of the top soil from around the hole or with the soils removed when preparing the hole(s). Where necessary, mix this soil with recommended amounts of farm yard manure or fertilizers thoroughly and keep as such for some days.
Pointed gourd	Fruiting / Harvesting	• Current hot and humid weather, often paired with intermittent thunderstorms or rains, creates high risk for fruit and vine rot in pointed gourd. So its regular monitoring should be advised. • If infestation noticed, then spray alternately with Copper Oxychloride 50% WP @ 3 g/litre and Metalaxyl 8% + Mancozeb 64% W.P @ 2.5 - 3 g/litre of water under clear and dry weather condition. • Farmers should wait some days for any chemical spray and make provision for proper drainage because moderate rainfall in some places is forecasted in upcoming days.

Other rainy season vegetables	Nursery bed preparation/ Sowing/ Seedling/ Planting	• Prevailing weather (periodically cloudy and sunny) condition is favourable for sucking insect pest attack in vegetable crops so its regular monitoring should be advised. If attack of those insects is noticed, then spraying of Thiamethoxam 25% WG @ 0.3-0.5g or Imidacloprid 17.8% SL @ 0.3ml per liter of water should be advised. • Looking to the prevailing rainfall/thunderstorm along with high wind speed condition in upcoming days, farmers are advised to take proper care while conducting any spraying operations. • By taking the advantage of past rainfall events, farmers should start nursery bed preparation and sowing of kharif vegetable crops with proper protection because some amount of rainfall is expected in upcoming days also. • If possible, planting of healthy seedling should be done by using polythene mulching with adequate drainage facilities.
Livestock		• Due to 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 so farmers should make necessary arrangements for vaccination against those diseases as soon as possible and ensure deworming before that. • As thunderstorm and lightning is expected in upcoming week, farmers should move all cows, buffaloes, and goats to safe, enclosed shelters as soon as thunder is heard or lightning is visible. Do not tie animals outside or near metal fences, solitary trees or metal objects.
Poultry		• In the case of poultry, respiratory diseases, diarrhea and intestinal diseases are common during rainy season. Keep the poultry shed dry and clean. Use disinfectants regularly to prevent the breeding of disease-carrying insects in damp environments. Consult a local veterinarian regarding seasonal vaccination schedules, particularly for Ranikhet/Sleeping disease in poultry. • Since drinking water gets contaminated during rainy days, it is necessary to ensure the provision of clean drinking water to the poultry birds.

Mrs. Jubuli Sahu Junior Agrometeorologist, GKMS, RRTTS, Chiplita	Dr. Sanjukta Mohapatra ADR cum Nodal Officer RRTTS, Chiplita
---	---

- 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.