



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



No. 54 (English Bulletin)

Week no - 27

Date: 08.07.2025

West Central Table Land Zone

District-Jharsuguda

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 02.07.2025 to 08.07.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)							
	02	03	04	05	06	07	08	02	03	04	05	06	07	08	02	03	04	05	06	07	08	
Jharsuguda	30	29	28	27	26	27	28	25	24	25	24	22	24	24	8.6	47.4	6.2	14.4	231.7	24.4	9.5	

Weather forecast for next 5 days

Date	09-07-2025	10-07-2025	11-07-2025	12-07-2025	13-07-2025
Rainfall (mm)	25	17.2	8	5	6.9
Max Temperature (° C)	28	29	30	30	31
Min Temperature (° C)	23	24	25	26	26
Total cloud cover (okta)	8	8	5	5	5
Max Relative Humidity (%)	95	93	93	91	88
Min Relative Humidity (%)	73	80	83	74	63
Wind speed (km/h)	9	11	13	9	7
Wind direction (deg)	228	210	204	227	236

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

Weather Summary/Alert:

According to medium range weather forecast of IMD, MC, Bhubaneswar, light to moderate rainfall along with generally cloudy to overcast sky is expected during upcoming week. No large change in both the Maximum (day) and Minimum temperature is expected during upcoming days. High relative humidity along with a wind speed of 7-13 km/h in south-westerly direction is predicted for next 5 days.

General Advisory

- As per the district level forecast of IMD, MC, Bhubaneswar, there is a chance of light to moderate rainfall and heavy rainfall in one or two places over the district is expected at first half of the upcoming week so farmers are advised to wait one more days for conducting some agricultural activities likes sowing, planting, spraying etc.
- Prevailing weather conditions (cloudy weather along with high humidity condition) may favour various diseases infestation likes root rot, fusarium wilt, fruit rot, stem rot etc. and also increase the attack of sucking insects in standing fruit and vegetable crops so farmers are advised to monitor their field regularly against these disease attacks.
- If flooded condition is arise due to past rainfall events, then make provision to drain out excess water from the field and if possible store the excess water for future use.

SMS Advisory

- Due to prevailing weather condition, the signs of Ranikhet disease attack are showing in case of poultry farm, so be alert and contact the nearest animal health center if necessary.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Nursery bed preparation/	• Considering the prevailing rainfall events, farmers are advised to start land preparation for nursery sowing of kharif paddy crop. Farmers those

	Sowing/ Main field preparation	<p>are already done sowing, advised to start main field preparation for transplanting of paddy seedlings.</p> <ul style="list-style-type: none"> • 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. • 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 for every 100 m² nursery apply nitrogen, phosphorus and potash fertilizer @ 0.5- 1.0 kg of N, 0.5 kg of P₂O₅ and 0.5 kg of K₂O in wet nursery at the time of land preparation.
Maize	Sowing / Re-sowing	<ul style="list-style-type: none"> • Looking to the past rainfall events, farmers are advised to take proper care during sowing of Maize seed and sowing should be done after draining out excess water from field. If necessary, re-sowing should be done in case of poor or no germination due to water logged condition. • To control weed, farmers should spray Atrazine 50% WP @ 500-800 g/acre in 200 liters of water within 3 days after sowing under sufficient soil moisture after draining out excess water from field.
Arhar	Sowing	<ul style="list-style-type: none"> • 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. • Looking to the upcoming rainfall events, farmers are advised to wait one more day for sowing as well as spraying operations.
Fruit and Vegetable crops	Nursery/ Seedlings/ sowing/ Planting / Vegetative stage	<ul style="list-style-type: none"> • Sowing as well as planting in fruit and vegetable crops should be done after proper drainage and also ensure adequate drainage in nursery bed. • Monitoring against various diseases is advised which may occurred due to prevailing weather condition. • Provide mechanical support to horticultural crops & staking to vegetables to protect them from strong wind.
Livestock		<ul style="list-style-type: none"> • Due to past weather events, 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 arrangements for vaccination against those diseases as soon as possible and ensure deworming if necessary. • Keep the animals away from any electrical devices and keep them in safe places under shed and avoid direct entry of rain water to the shed.
Poultry		<ul style="list-style-type: none"> • In the case of poultry, respiratory diseases, diarrhea and intestinal diseases are common in this time. Since drinking water gets contaminated during rainy days, it is necessary to ensure the provision of clean drinking water to the poultry birds. Farmers should also make provision to ensure proper ventilation in poultry farm as well as make arrangements to prevent direct entry of rain water into the shed.

Ms. Jubuli Sahu
Junior Agrometeorologist,
GKMS, RRTTS, Chiplima

Dr. Sanjukta Mohapatra
ADR cum Nodal Officer
RRTTS, Chiplima

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.