



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



No. 57 (English Bulletin)

Week no - 29

Date: 18.07.2025

West Central Table Land Zone

District-Jharsuguda

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 12.07.2025 to 18.07.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	12	13	14	15	16	17	18	12	13	14	15	16	17	18	12	13	14	15	16	17	18
Jharsuguda	32	34	33	29	30	34	33	25	26	26	24	24	25	25	0.1	1.3	0.4	13.6	18.7	0.0	1.5

Weather forecast for next 5 days

Date	19-07-2025	20-07-2025	21-07-2025	22-07-2025	23-07-2025
Rainfall (mm)	3	7	5	6	8
Max Temperature (° C)	33	33	33	34	34
Min Temperature (° C)	25	25	25	26	26
Total cloud cover (okta)	4	5	4	5	5
Max Relative Humidity (%)	88	88	88	88	89
Min Relative Humidity (%)	60	61	63	62	64
Wind speed (km/h)	4	3	1	3	8
Wind direction (deg)	128	168	27	174	249

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

Weather Summary/Alert:

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is chance of occurrence of light rainfall along with partly to generally cloudy sky 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 1-8 km/h is predicted in south-easterly, north-easterly and south-westerly direction.

General Advisory

- As per the extended range forecast issued by MC, Bhubaneswar on dated:-17.07.2025, widespread to fairly widespread rain/thundershower along with light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over districts of Odisha during both week-1 (18th to 24th July, 2025) and week-2 (25th to 31st July, 2025). Also overall rainfall activity likely to be slightly above normal during the week-2.
- Considering the above mentioned weather conditions, farmers are advised to complete main field preparation by taking the advantages of available soil moisture, followed by sowing of kharif crops like paddy, arhar, maize, groundnut, green gram, cow pea and other rainy season vegetables etc.
- Prevailing weather condition (periodic cloudy and sunny day with high humidity) is favourable for disease pest attack in crops, farmers are advised to monitor their field regularly against various diseases infestation likes root rot, fusarium wilt, fruit rot, stem rot etc. and also the attack of sucking insects.

SMS Advisory

- Due to prevailing weather condition, stem borer attack may observe in maize fields so its regular monitoring should be advised.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Main field	• Considering the upcoming rainfall events, farmers are advised to start

	preparation/ Transplanting	<p>main field preparation for transplanting of paddy seedlings.</p> <ul style="list-style-type: none"> • Main field land preparation should be done by puddling the field twice at 7-10 days intervals and land levelling for uniform crop stand. About 0.8-1 t/acre of well decomposed FYM may be applied before first puddling. • If possible, incorporate the dhaincha green manuring crop at the time of initial puddling of main field. • Farmers those seedling are already 25-30 days old, are advised to start transplanting with a spacing of 20×15 cm at shallow depth. For high yielding varieties, use only 2-3 seedlings per hill and for hybrids 1-2 seedling per hill. • To control weeds, apply granular herbicide Bensulfuron methyl 0.6% + Pretilachlor 6% GR @ 4 kg/acre mixed with 4 kg of sand within 5-10 days after transplanting. Farmers should wait one or two more days for spraying operations.
Maize	Sowing/ Vegetative stage	<ul style="list-style-type: none"> • 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 at field. • Due to prevailing weather condition, there is a chance of stem borer attack in maize crop so its regular monitoring should be advised.
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 Pendimethalin 30% EC @ 1 liter per acre mixed with 200 liters of water within 72 hours of sowing.
Vegetable crops (Brinjal, Tomato, Chilli)	Nursery/ Seedlings/ sowing/ Planting / Vegetative stage	<ul style="list-style-type: none"> • Sowing of vegetable crops should be done after proper drainage and also ensure adequate drainage in nursery bed. • Monitoring against various diseases infestation and attack of sucking insects in vegetable crops should be advised. • Provide mechanical support and staking to vegetables to protect them from strong wind. • Light to moderate rainfall in some places is expected in upcoming days, so farmers should take proper care while conducting any kind of spraying operations.
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 as thunderstorm/lightning is expected in upcoming days.
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. • 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.

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.