



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



No. 55 (English Bulletin)

Week no - 28

Date: 11.07.2025

West Central Table Land Zone

District-Jharsuguda

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 05.07.2025 to 11.07.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	05	06	07	08	09	10	11	05	06	07	08	09	10	11	05	06	07	08	09	10	11
Jharsuguda	27	26	27	28	30	29	31	24	22	24	24	23	24	25	14.4	231.7	24.4	9.5	9.1	5.8	22.0

Weather forecast for next 5 days

Date	12-07-2025	13-07-2025	14-07-2025	15-07-2025	16-07-2025
Rainfall (mm)	15	6.5	12	20	4.1
Max Temperature (° C)	32	32	32	32	33
Min Temperature (° C)	25	25	25	26	26
Total cloud cover (okta)	6	5	5	6	5
Max Relative Humidity (%)	92	91	93	93	89
Min Relative Humidity (%)	66	66	69	68	63
Wind speed (km/h)	7	6	6	8	7
Wind direction (deg)	236	207	204	205	227

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 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 6-8 km/h in south-westerly direction is predicted for next 5 days.

General Advisory

- **As per the extended range forecast issued by MC, Bhubaneswar on dated:-10.07.2025**, light to moderate rainfall is very likely over the state of Odisha during both Week-1 (11th to 17th July, 2025) and Week-2 (18th to 24th July, 2025). There is Low to Moderate probability of cyclogenesis likely over land region covering East India and NW India during Week-1.
- **As per ERFS model of IMD (Subsequent week outlook for 6th to 12th Day)**, rainfall, maximum and minimum temperature is expected to be normal for Odisha state during **16.07.2025 to 22.07.2025**.
- Looking to the above mentioned forecast condition, farmers are advised to conduct agricultural operations accordingly and also 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 due to prevailing weather condition.
- 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
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Kharif Rice	Nursery Management/ Main field preparation	<ul style="list-style-type: none"> Considering the prevailing rainfall events, farmers are advised to start land preparation for nursery sowing of kharif paddy crop. Farmers those are already done sowing, advised to start main field preparation for transplanting of paddy seedlings. In heavy weed infested areas, spraying of Pyrazosulfuron-ethyl @ 80 g/acre at 3-5 DAS or Bispyribac sodium 10% SC @ 120 ml/acre 8-10 days after emergence of weeds (or when the weeds are at 2- 3 leaf stage) should be advised to control weeds in rice nursery. With appearance of seedling blight disease, application of Propiconazole 25 EC @ 1 ml/ litre of water should be advised.
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 Pendimethalin 30% EC @ 1 liter per acre mixed with 200 liters of water within 72 hours of sowing.
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 infestation and attack of sucking insects in vegetable crops should be advised. Provide mechanical support to horticultural crops & staking to vegetables to protect them from strong wind. Light rain along with moderate rainfall in some places is expected in upcoming days, so farmers should take proper care while doing any spraying activities.
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.

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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.