



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



No. 58 (English Bulletin)

Week no - 29

Date: 22.07.2025

West Central Table Land Zone

District-Boudh

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
AVERAGE RAINFALL DURING THE PERIOD: 16.07.2025 to 22.07.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	16	17	18	19	20	21	22	16	17	18	19	20	21	22	16	17	18	19	20	21	22
Boudh	32	32	32	35	34	34	33	24	25	25	25	25	24	25	0.8	3.3	0.0	3.2	12.9	12.8	0.3

Weather forecast for next 5 days

Date	23-07-2025	24-07-2025	25-07-2025	26-07-2025	27-07-2025
Rainfall (mm)	4	7	10	30	13
Max Temperature (° C)	34	35	34	33	33
Min Temperature (°C)	26	26	27	27	26
Total cloud cover (okta)	5	5	5	7	5
Max Relative Humidity (%)	85	90	92	94	93
Min Relative Humidity (%)	52	58	72	81	78
Wind speed (km/h)	2	5	10	12	16
Wind direction (deg)	189	236	254	254	239

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 to moderate rainfall along with heavy rainfall in one or two places over the district during upcoming week and generally cloudy sky is expected during that period. 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 2-16 km/h is predicted in south-westerly direction.

General Advisory

- 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 27.07.2025 to 02.08.2025. 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.
- If flooded condition will arise due to upcoming heavy rainfall events, then farmers should make proper provision to drain out excess water from field and if possible store the excess water for future use.

SMS Advisory

- As heavy rainfall is forecasted after two days in some places, farmers are advised to conduct agricultural activities like weeding, hoeing and any kind of spraying operations as earliest.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
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Kharif Rice	Main field preparation/ Transplanting	<ul style="list-style-type: none"> • Considering the upcoming rainfall events, farmers are advised to start main field preparation for transplanting of paddy seedlings. • 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.
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. • Stem borer attack was observed in some maize field so farmers are advised to spray chlorantraniliprole @ 0.4ml or emamectin benzoate @ 0.4g per liter of water to control this insect. • Spraying operation should be conducted within upcoming two days because heavy rainfall in some places is forecasted thereafter.
Arhar	Sowing/ Vegetative stage	<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. • Due to prevailing weather condition, sucking insects attack may occurred in field so its regular monitoring should be advised.
(Brinjal, Tomato, Chilli)	Nursery sowing/ Seedlings/ 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"> • The symptoms of foot and mouth disease are observing in the some cattle, so farmers are advised to make arrangements for vaccination of healthy animals and if necessary, ensure deworming and take necessary action for the treatment of this diseases. To prevent FMD disease, it is necessary to vaccinate the animals (4 months onwards) once in 6 months and another booster vaccine should be given 28 days after the first vaccination. Deworming before vaccination is more beneficial than normal vaccination. • Keep the animals away from any electrical devices as thunderstorm/lightning is expected in upcoming days.
Poultry		<ul style="list-style-type: none"> • Due to prevailing weather condition, the signs of Ranikhet disease attack are showing in case of poultry birds, so be alert and contact the nearest animal health center if necessary. • To prevent the occurrence of this disease, vaccinating the chicks against Ranikhet disease

at 1-7 days old and then again at 20-28 days old.

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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.