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**Orissa University of Agriculture and Technology**  
**RRTTS, Chiplima, Sambalpur**



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Week no - 30

Date: 29.07.2025

**West Central Table Land Zone**

**District-Sonepur**

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT  
 AVERAGE RAINFALL DURING THE PERIOD: 23.07.2025 to 29.07.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	23	24	25	26	27	28	29	23	24	25	26	27	28	29	23	24	25	26	27	28	29
Sonepur	34	34	33	27	29	32	31	25	25	24	24	24	25	24	21.2	16.3	55.2	22.0	11.2	3.5	4.4

**Weather forecast for next 5 days**

Date	30-07-2025	31-07-2025	01-08-2025	02-08-2025	03-08-2025
<b>Rainfall (mm)</b>	10	8	5	3	3
<b>Max Temperature (° C)</b>	30	32	32	32	32
<b>Min Temperature (° C)</b>	24	25	25	26	26
<b>Total cloud cover (okta)</b>	6	5	5	4	4
<b>Max Relative Humidity (%)</b>	92	91	89	88	82
<b>Min Relative Humidity (%)</b>	75	74	62	62	53
<b>Wind speed (km/h)</b>	13	13	9	10	11
<b>Wind direction (deg)</b>	233	231	237	242	240

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 in some places over the district during upcoming week and partly to generally cloudy sky is expected during that period. Maximum temperature is expected to be increased by 1-2°C during upcoming days but no large change in Minimum temperature is expected for that period. High relative humidity along with a wind speed of 9-13 km/h is predicted in south-westerly direction.

**General Advisory**

- As per ERFs model of IMD (Subsequent week outlook for 6<sup>th</sup> to 12<sup>th</sup> Day), rainfall is below normal, maximum and minimum temperature is expected to be above normal and normal respectively for Odisha state during 03.08.2025 to 09.08.2025. Farmers should conduct agricultural activities like spraying, weeding, hoeing etc. in this week because there is a chance of decrease in rainfall amount is expected during that period.
- Farmers are advised to complete main field preparation followed by transplanting of Paddy crop and also sowing of other kharif crops like arhar, maize, groundnut, green gram, cow pea and other rainy season vegetables etc. by taking the advantages of available soil moisture in field.
- Prevailing weather condition (cloudy weather along with high humidity) is favourable for various disease pest attack in different crops, so farmers are advised to monitor their field regularly against its attack.
- Keep the animals in shed and keep them away from any electrical devices as thunderstorm/lightning is expected in first half of upcoming week.

**SMS Advisory**

- Vaccination against Ranikhet disease should be advised in case of poultry chick in poultry farm.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
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<b>Kharif Rice</b>	<b>Transplanting / Post-transplanting</b>	<ul style="list-style-type: none"> <li>Farmers those seedling are already 25-30 days old, are advised to complete Paddy transplanting as soon as possible. The spacing should be 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.</li> <li>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.</li> </ul>
<b>Maize</b>	<b>Vegetative stage</b>	<ul style="list-style-type: none"> <li>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 under clear weather condition to control this insect.</li> </ul>
<b>Mango</b>	<b>Vegetative growth (New orchard)</b>	<ul style="list-style-type: none"> <li>Due to prevailing weather condition, the attack of leaf eating caterpillar may noticed in some newly planted Mango crop, so farmers are advised to monitor their orchard regularly.</li> </ul>
<b>Brinjal, Tomato</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Drain out excess water from field if any, due to past rainfall condition.</li> <li>Past weather condition is favorable for fruit borer &amp; fruit and shoot borer attack in Tomato and Brinjal respectively so its regular monitoring should be advised.</li> <li>If attack observed, then spraying of emamectin benzoate @ 0.4g or chlorantraniliprole @ 0.3ml or tetraniliprole @ 0.5ml per liter of water should be advised.</li> </ul>
<b>Chilli</b>	<b>Nursery management/ Planting</b>	<ul style="list-style-type: none"> <li>Planting of chilli crop should be done at raised bed after proper drainage and also ensure adequate drainage in nursery bed.</li> <li>Monitoring against attack of sucking insects should be advised because prevailing weather condition is favorable for its attack.</li> </ul>
<b>Livestock</b>		<ul style="list-style-type: none"> <li>The symptoms of foot and mouth disease are observing in the some cattle, so to prevent this 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.</li> </ul>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>To prevent the occurrence of Ranikhet disease in poultry farm, vaccinating the chicks against this disease at 1-7 days old and then again at 20-28 days old stage and also contact the nearest animal health center if necessary.</li> </ul>

<b>Ms. Jubuli Sahu</b> <b>Junior Agrometeorologist,</b> <b>GKMS, RRTTS, Chiplima</b>	<b>Dr. Sanjukta Mohapatra</b> <b>ADR cum Nodal Officer</b> <b>RRTTS, Chiplima</b>
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