



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



No. 75 (English Bulletin)

Week no - 38

Date: 19.09.2025

**West Central Table Land Zone**

**District-Sonepur**

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT  
 AVERAGE RAINFALL DURING THE PERIOD: 13.09.2025 to 19.09.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	13	14	15	16	17	18	19	13	14	15	16	17	18	19	13	14	15	16	17	18	19
Sonepur	30	33	33	32	31	33	34	25	25	26	24	24	25	25	0.5	0.4	0.0	0.9	13.1	0.0	0.0

Weather forecast for next 5 days

Date	17-09-2025	18-09-2025	19-09-2025	20-09-2025	21-09-2025
Rainfall (mm)	4	5	8	8	10
Max Temperature (°C)	34	34	35	35	34
Min Temperature (°C)	25	25	26	26	25
Total cloud cover (okta)	4	4	4	5	5
Max Relative Humidity (%)	88	89	90	91	89
Min Relative Humidity (%)	59	58	61	57	57
Wind speed (km/h)	4	5	3	1	2
Wind direction (deg)	217	241	254	90	207

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 a chance of occurrence of light rainfall along with partly to generally cloudy sky is expected during upcoming week. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days. High relative humidity along with a wind speed of 1-5 km/h is predicted in south-westerly and easterly direction.

**General Advisory**

- **As per the extended range forecast issued by MC, Bhubaneswar on dated:-18.09.2025**, Isolated to scattered rain/thundershower is very likely over the districts of Odisha during **week-1 (19<sup>th</sup> to 25<sup>th</sup> September, 2025)**. Light to moderate probability of cyclogenesis likely in land regions over East India during this week.
- Fairly widespread to widespread rainfall is very likely over the districts of Odisha during **week-2 (26<sup>th</sup> September to 02<sup>nd</sup> October, 2025)** with isolated heavy to very heavy falls during 1<sup>st</sup> half of this week. A low pressure area likely to form over northeast Bay of Bengal during first half of week-2.
- Looking to the above mentioned rainfall condition, farmers are advised to conduct agricultural activities during first week at morning hours under clear weather.
- Monitor the crop against sucking insects, fruit fly, fruit borer, fruit and shoot borer etc. attack.
- If possible, use Meghdoot mobile app for IMD weather forecast and Agro-meteorological advisory of Odisha in both English and Odia languages, Damini mobile app for thunderstorm and lightning information and Mausam app for location specific forecast and warning.

**SMS Advisory**

- Due to prevailing weather condition mealy bug attack may observed in upcoming days, so farmers are advised to monitor their crops regularly against this insect.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
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<b>Kharif Rice</b>	<b>Active Tillering / Panicle initiation</b>	<ul style="list-style-type: none"> <li>Farmers should maintain adequate water in field. Top dressing of nitrogen fertilizer should be advised under proper moisture condition.</li> <li>If Bacterial blight / Bacterial leaf streak incidence noticed, then application of Plantomycin @ 1 g/litre along with Copper oxychloride @ 1 g/litre of water should be advised when sky is clear.</li> <li>To monitor the attack of stem borer and leaf folder in Paddy fields, farmers should install 4-5 pheromone traps/acre. Whenever the number of male moths/trap reaches 4 or 5, apply Azadirachtin 0.15% EC @ 800 ml/acre or, Chlorantraniliprole 0.4% GR @ 4 kg/acre mixing with sand at 1:1 ratio or, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10 kg/acre or, Flubendiamide 20 WG 50 g/acre or Tetraniliprole 200 SC (18.18% w/w) @ 100 - 120 ml/acre in 200 liters of water.</li> </ul>
<b>Maize</b>	<b>Vegetative stage/ Tasseling</b>	<ul style="list-style-type: none"> <li>Maintain adequate moisture in field at this stage.</li> <li>If stem borer and fall army worm attack was observed in maize fields then farmers should spray Chlorantraniliprole 18.5 SC @ 0.4ml or Emamectin benzoate 5% SG @ 0.4g per liter of water to control these insects under clear weather condition.</li> </ul>
<b>Banana</b>	<b>Vegetative growth (New orchard)</b>	<ul style="list-style-type: none"> <li>Due to prevailing weather condition, attack of various fungal diseases may observed in some newly planted Banana plants, so its regular monitoring should be advised.</li> </ul>
<b>Vegetables</b>	<b>Vegetative / Flowering/ Fruiting stage</b>	<ul style="list-style-type: none"> <li>Monitor the crop against fruit fly, fruit and shoot borer, fruit borer etc. attack in vegetable crops.</li> <li>If sucking insects likes aphids, thrips etc. attack observed, then farmers should spray Imidacloprid 17.8 SL @ 0.3 ml or Fipronil 5 SC @ 3ml per liter of water under clear sky.</li> </ul>
<b>Cows and Buffalos</b>		<ul style="list-style-type: none"> <li>Looking to the upcoming rainfall and thunderstorm events, farmers are advised to 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 and also monitor the animals against attack of FMD and Mastitis diseases.</li> <li>Sowing of green fodder should be advised under available soil moisture condition to avail fodder requirement of animals.</li> </ul>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>In the case of poultry, respiratory diseases, diarrhea and intestinal diseases are common at this time and farmers are advised to monitor the farm against Ranikhet disease. Ensure the provision of clean drinking water to the poultry birds.</li> </ul>

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- 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.