



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



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Week no - 25

Date: 20.06.2025

**West Central Table Land Zone**

**District-Sonepur**

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT  
 AVERAGE RAINFALL DURING THE PERIOD: 14.06.2025 to 20.06.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	14	15	16	17	18	19	20	14	15	16	17	18	19	20	14	15	16	17	18	19	20
Sonepur	36	37	37	33	31	28	28	28	28	24	26	25	24	25	0.0	0.0	47.3	3.6	13.1	26.1	7.6

**Weather forecast for next 5 days**

Date	21-06-2025	22-06-2025	23-06-2025	24-06-2025	25-06-2025
Rainfall (mm)	6	2.5	3	4	5
Max Temperature (° C)	31	32	33	33	32
Min Temperature (° C)	25	26	27	27	27
Total cloud cover (okta)	5	4	4	3	3
Max Relative Humidity (%)	86	85	81	81	82
Min Relative Humidity (%)	69	60	49	64	63
Wind speed (km/h)	13	10	11	13	13
Wind direction (deg)	234	243	241	241	243

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

**Weather Summary/Alert:**

According to medium range weather forecast of IMD, MC, Bhubaneswar, very light to light rainfall along with thunderstorm/lightning and generally cloudy to partly 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 10-13 km/h in south-westerly direction is predicted for next 5 days.

**General Advisory**

- As per ERFs model of IMD (Subsequent week outlook for 6<sup>th</sup> to 12<sup>th</sup> Day), rainfall, maximum and minimum temperature is expected to be normal for Odisha state during 25.06.2025 to 01.07.2025 and there is a chance of light to moderate rainfall in upcoming days also so farmers are advised to conduct agricultural operations accordingly and start field preparation for nursery sowing by taking the advantage of past rainfall events.
- Past heavy rainfall condition in some places may create waterlogged condition in standing fruit and vegetable crops which impact crops by increasing the likelihood of various diseases like root rot, fusarium wilt, fruit rot, stem rot etc. in later stage so farmers are advised to make provision for draining out excess water from field and also monitor their field regularly against any disease attacks.

**SMS Advisory**

- Farmers are advised to start land preparation for nursery sowing of Paddy by taking the advantage of the past rainfall events.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Kharif Rice</b>	<b>Nursery bed preparation</b>	<ul style="list-style-type: none"> <li>Considering the past rainfall events, farmers are advised to start land preparation for nursery sowing of kharif paddy crop.</li> <li>For wet-bed nursery, Pre-germinated seeds are broadcast on a soil that is</li> </ul>

		<p>thoroughly puddled and leveled. Drainage canals for proper removal of water must be constructed.</p> <ul style="list-style-type: none"> <li>Total seed bed area is about 1/10 of the area to be transplanted and about 40 kg of seed are required to transplant 1 hectare.</li> </ul>
<b>Maize</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>Farmers should start sowing of maize seed after draining out excess water from field. Re-sowing should be done if necessary.</li> </ul>
<b>Arhar</b>	<b>Variety selection / Sowing</b>	<ul style="list-style-type: none"> <li>Some recommended varieties of Arhar such as Durga, ICPL-87, UPAS-120, Pusa-855 etc. (120-140 days) and Asha, Laxmi, GT 104 etc. (160-180 days) should be advised to farmers.</li> <li>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.</li> </ul>
<b>Fruit and Vegetable crops</b>	<b>Nursery/ Seedlings/ sowing/ Planting</b>	<ul style="list-style-type: none"> <li>Sowing as well as planting in fruit and vegetable crops should be done after proper drainage and also ensure adequate drainage in nursery bed.</li> <li>Monitoring against various diseases is advised which may occurred due to prevailing weather condition.</li> </ul>
<b>Livestock</b>		<ul style="list-style-type: none"> <li>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.</li> <li>Keep the animals away from any electrical devices during thunderstorm/lightning period and do not tie them up in outside.</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 during rainy season. Since drinking water gets contaminated during rainy days, it is necessary to ensure the provision of clean drinking water to the poultry birds.</li> <li>Before heavy rains, make provision to ensure proper ventilation by allowing an opening of 1-2 ft at the top of side curtains during the day and the side walls of the empty shed should be completely covered with polythene curtains. The drainage ditch around the shed should be clear to avoid insect pest attack and in the roofs, the side overhangs should be minimum 3 to 4 ft to prevent entry of direct rain water into the shed.</li> </ul>
<b>Fishery</b>		<ul style="list-style-type: none"> <li>Heavy rainfall may cause p<sup>H</sup> fluctuation and oxygen depletion in ponds.</li> <li>Check the pond walls for damage caused by heavy rainfall and repair them immediately.</li> <li>Ensure proper drainage around the pond to prevent muddy water from entering and impacting water quality.</li> </ul>

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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.