



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



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Date: 26.06.2025

**West Central Table Land Zone**

**District-Sonepur**

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT  
 AVERAGE RAINFALL DURING THE PERIOD: 20.06.2025 to 26.06.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	20	21	22	23	24	25	26	20	21	22	23	24	25	26	20	21	22	23	24	25	26
Sonepur	28	31	33	33	29	28	29	25	25	27	26	26	25	25	7.6	2.6	5.7	0.0	9.0	15.8	55.0

Weather forecast for next 5 days

Date	27-06-2025	28-06-2025	29-06-2025	30-06-2025	01-07-2025
Rainfall (mm)	40	8	7	7.3	5.7
Max Temperature (° C)	29	29	30	31	32
Min Temperature (° C)	25	25	26	26	26
Total cloud cover (okta)	7	5	4	4	5
Max Relative Humidity (%)	81	80	80	80	78
Min Relative Humidity (%)	54	54	56	55	55
Wind speed (km/h)	8	6	10	15	15
Wind direction (deg)	241	223	238	243	243

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 and heavy rainfall in one or two places along with thunderstorm/lightning and 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 6-15 km/h in south-westerly direction is predicted for next 5 days.

**General Advisory**

- As per the NDVI value obtained from the satellite product of IMD during 19.06.2025 to 25.06.2025, agricultural vigour is low to moderate at most of the places over the district.
- There is a chance of light to moderate rainfall along with thunderstorm/lightning and heavy rainfall in one or two places over the district is expected in upcoming week so farmers are advised to conduct agricultural activities i.e. sowing, planting, spraying etc. accordingly.
- Prevailing weather conditions (cloudy weather along with high humidity condition) may favour various diseases infestation likes root rot, fusarium wilt, fruit rot, stem rot etc. in standing fruit and vegetable crops so farmers are advised to monitor their field regularly against these disease attacks.

**SMS Advisory**

- As per the district level forecast of IMD, heavy to very heavy rainfall is forecasted in first half of upcoming week, so farmers are advised to wait some days for irrigation as well as spraying operations.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Kharif Rice</b>	<b>Nursery bed preparation/ Sowing</b>	<ul style="list-style-type: none"> <li>Considering the prevailing 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>To transplant one-acre area about 320 m<sup>2</sup> area nursery beds are required. Prepare wet nursery raised beds of 10 cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds.</li> <li>Use 12 -16 kg seeds/acre of HYV and 5-6 kg /acre of hybrids for nursery sowing. In less fertile lands for every 100 m<sup>2</sup> nursery apply nitrogen, phosphorus and potash fertilizer @ 0.5- 1.0 kg of N, 0.5 kg of P<sub>2</sub>O<sub>5</sub> and 0.5 kg of K<sub>2</sub>O in wet nursery at the time of land preparation.</li> </ul>
<b>Maize</b>	<b>Sowing / Re-sowing</b>	<ul style="list-style-type: none"> <li>Looking to the upcoming 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.</li> </ul>
<b>Ground nut</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>Farmers should wait some days for sowing operation in ground nut crop because heavy rainfall is expected in upcoming days which may affect the seed germination.</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 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.</li> <li>Farmers should 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>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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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.