



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



No. 52 (English Bulletin)

Week no - 26

Date: 01.07.2025

West Central Table Land Zone

District-Sonepur

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 25.06.2025 to 01.07.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	25	26	27	28	29	30	01	25	26	27	28	29	30	01	25	26	27	28	29	30	01
Sonepur	28	29	28	30	30	27	25	25	25	25	25	23	24	24	15.8	55.0	16.3	0.8	64.8	3.0	2.6

Weather forecast for next 5 days

Date	02-07-2025	03-07-2025	04-07-2025	05-07-2025	06-07-2025
Rainfall (mm)	10	7	8	3.7	4
Max Temperature (° C)	27	28	27	26	28
Min Temperature (° C)	24	24	23	23	24
Total cloud cover (okta)	6	5	5	4	4
Max Relative Humidity (%)	89	88	87	84	84
Min Relative Humidity (%)	74	67	63	67	66
Wind speed (km/h)	14	14	14	15	14
Wind direction (deg)	240	233	236	239	241

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

Weather Summary/Alert:

According to medium range weather forecast of IMD, MC, Bhubaneswar, light rainfall along with partly to 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 high wind speed of 14-15 km/h in south-westerly direction is predicted for next 5 days.

General Advisory

- As per the district level forecast of IMD, MC, Bhubaneswar, there is a chance of light to moderate rainfall and heavy rainfall in one or two places over the district 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. and also increase the attack of sucking insects 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 rainfall is forecasted in some places first half of upcoming week, so farmers are advised to wait some days for any kind of spraying operations.

Crop and livestock Specific Agromet Advisory

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

		<p>water must be constructed.</p> <ul style="list-style-type: none"> To transplant one-acre area about 320 m² 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. 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 m² nursery apply nitrogen, phosphorus and potash fertilizer @ 0.5- 1.0 kg of N, 0.5 kg of P₂O₅ and 0.5 kg of K₂O in wet nursery at the time of land preparation.
Maize	Sowing / Re-sowing	<ul style="list-style-type: none"> Looking to the past 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. 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 after draining out excess water from field.
Arhar	Sowing	<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 Pendimithalin 30% EC @ 1 liter per acre mixed with 200 liters of water within 72 hours of sowing. Looking to the upcoming rainfall events, farmers are advised to wait some days for sowing as well as spraying operations.
Ground nut	Sowing	<ul style="list-style-type: none"> 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.
Fruit and Vegetable crops	Nursery/ Seedlings/ sowing/ Planting / Vegetative stage	<ul style="list-style-type: none"> Sowing as well as planting in fruit and vegetable crops should be done after proper drainage and also ensure adequate drainage in nursery bed. Monitoring against various diseases is advised which may occurred due to prevailing weather condition. Provide mechanical support to horticultural crops & staking to vegetables to protect them from strong wind.
Livestock		<ul style="list-style-type: none"> 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. 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.
Poultry		<ul style="list-style-type: none"> 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. 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.

Ms. Jubuli Sahu
Junior Agrometeorologist,
GKMS, RRTTS, Chiplima

Dr. Sanjukta Mohapatra
ADR cum Nodal Officer
RRTTS, Chiplima

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.