



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



No. 50 (English Bulletin)

Week no - 25

Date: 24.06.2025

West Central Table Land Zone

District-Sonepur

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 18.06.2025 to 24.06.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	18	19	20	21	22	23	24	18	19	20	21	22	23	24	18	19	20	21	22	23	24
Sonepur	31	28	28	31	33	33	29	25	24	25	25	27	26	26	13.1	26.1	7.6	2.6	5.7	0.0	9.0

Weather forecast for next 5 days

Date	25-06-2025	26-06-2025	27-06-2025	28-06-2025	29-06-2025
Rainfall (mm)	15	8	7	7	6
Max Temperature (° C)	30	31	31	31	32
Min Temperature (° C)	26	26	25	25	26
Total cloud cover (okta)	6	5	5	5	5
Max Relative Humidity (%)	83	84	85	86	85
Min Relative Humidity (%)	64	61	57	59	60
Wind speed (km/h)	13	10	7	7	9
Wind direction (deg)	233	236	217	229	220

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 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 7-13 km/h in south-westerly direction is predicted for next 5 days.

General Advisory

- As per ERFs model of IMD (Subsequent week outlook for 6th to 12th Day), rainfall, maximum and minimum temperature is expected to be normal for Odisha state during 29.06.2025 to 05.07.2025 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 available moisture.
- 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

- The current weather conditions may increase the risk of disease in various crops, so farmer are advised to monitor their crop fields regularly against those diseases.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Nursery bed preparation	<ul style="list-style-type: none"> Considering the past 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"> 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.
Maize	Sowing	<ul style="list-style-type: none"> Farmers should start sowing of maize seed after draining out excess water from field. Re-sowing should be done if necessary.
Arhar	Variety selection / Sowing	<ul style="list-style-type: none"> 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. 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.
Fruit and Vegetable crops	Nursery/ Seedlings/ sowing/ Planting	<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.
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 during thunderstorm/lightning period and do not tie them up in outside.
Poultry		<ul style="list-style-type: none"> 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. 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.
Fishery		<ul style="list-style-type: none"> Heavy rainfall may cause p^H fluctuation and oxygen depletion in ponds. Check the pond walls for damage caused by heavy rainfall and repair them immediately. Ensure proper drainage around the pond to prevent muddy water from entering and impacting water quality.

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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.