



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



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Week no - 49

Date: 05.12.2025

West Central Table Land Zone

District-Sonepur

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
AVERAGE RAINFALL DURING THE PERIOD: 29.11.2025 to 05.12.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	29	30	01	02	03	04	05	29	30	01	02	03	04	05	29	30	01	02	03	04	05
Sonepur	27	28	27	22	26	27	25	14	15	18	16	14	14	14	0.0	0.0	0.0	0.2	0.0	0.0	0.0

Weather forecast for next 5 days

Date	06-12-2025	07-12-2025	08-12-2025	09-12-2025	10-12-2025
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	25	25	26	26	26
Min Temperature (°C)	13	12	12	12	12
Total cloud cover (okta)	4	4	3	3	2
Max Relative Humidity (%)	70	68	60	58	59
Min Relative Humidity (%)	27	26	22	22	22
Wind speed (km/h)	6	3	3	2	1
Wind direction (deg)	43	328	326	243	304

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 very less chance of rainfall and partly clear to partly cloudy sky is expected during upcoming week. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days. Decrease in relative humidity along with a wind speed of 1-6 km/h is predicted in north-easterly, south-westerly and north-westerly direction.

General Advisory

- As per the forecast of MC, Bhubaneswar, dense fog very likely to occur at one or two places over the district which may impacted crop by reducing sunlight penetration, which is essential for photosynthesis and plant growth.
- High humidity and persistent leaf wetness create a conducive environment for fungal and other diseases. Foggy conditions can lead to increased infestation of certain pests, such as aphids on vegetables, beans, and mustard. So, its regular monitoring should be advised.
- Farmers those are using android mobile should use Meghdoot mobile app for IMD weather forecast and agro-meteorological advisory of Odisha in both Odia languages. Damini mobile app for thunderstorm and lightening information and Mausam app for location specific forecast and warning.

SMS Advisory

- Looking to the upcoming dry weather condition, harvesting of matured paddy and non-paddy crops should be advised as soon as possible to avoid further damage due to upcoming extreme weather events.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Harvesting/ Storage	<ul style="list-style-type: none"> Harvesting of Paddy crop should be advised when 80-85% of the grains are matured. Harvesting should be done either manually by sickle or by using combine harvester or reaper. For safe storage of paddy/rice, use 'Super Grain Bag' which is helpful for

		<p>retaining the quality, texture, color, aroma and taste for longer period of time and also prevents insect pest infestation.</p> <ul style="list-style-type: none"> • Soon after noticing the infestation of the stored grain insect pest, take up fumigation by using Aluminium phosphide (do not use in dwelling houses) tablets @ of 3 tablets/ ton grain (total 9 gm of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. The tablets should be wrapped in cotton pouches before placing them in the stacks. All the corners of plastic cover should be plastered with 6-inch-thick layer of mud/ adhesive tapes to prevent leakage of gas. Minimum exposure period is for about 7-10 days.
Rapeseed/ Mustard	Sowing/ Vegetative	<ul style="list-style-type: none"> • Considering the prevailing foggy day condition, farmers are advised to postpone sowing operation for some days. • Thinning of mustard crop should be advised at 15-25 days old crop for better plant growth.
Vegetable crops	Nursery bed preparation / Sowing/ Vegetative	<ul style="list-style-type: none"> • Prepare raised nursery beds to facilitate drainage and intercultural operations and applied well-decomposed farmyard manure (FYM) or compost. • After sowing, cover the seeds with a fine layer of soil and provide light watering using water can. • Cover the beds with dry straw or grass until germination is complete to maintain moisture and temperature, removing the cover immediately after seedling emergence. • Prevailing weather condition is favorable for sucking insect attack in vegetable crops. So regular monitoring should be advised.
Cows and Buffalos		<ul style="list-style-type: none"> • To protect the animal from cold, they should kept inside the sheds during night and provide dry bedding and ensure access to unfrozen water and extra food to generate body heat. • Ensure proper ventilation in animal sheds to manage humidity levels. • Deworm animals and maintain proper hygiene in sheds to reduce susceptibility to diseases during damp condition.

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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.