



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



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Week no - 28

Date: 15.07.2025

West Central Table Land Zone

District-Sonepur

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 09.07.2025 to 15.07.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	09	10	11	12	13	14	15	09	10	11	12	13	14	15	09	10	11	12	13	14	15
Sonepur	27	28	29	32	34	33	30	23	23	24	25	28	25	24	20.9	25.2	14.9	8.2	5.9	23.4	15.8

Weather forecast for next 5 days

Date	16-07-2025	17-07-2025	18-07-2025	19-07-2025	20-07-2025
Rainfall (mm)	15	8	8	7	8
Max Temperature (° C)	31	31	32	33	32
Min Temperature (° C)	24	24	25	26	26
Total cloud cover (okta)	6	5	5	4	5
Max Relative Humidity (%)	88	86	87	86	81
Min Relative Humidity (%)	63	65	58	56	46
Wind speed (km/h)	7	4	4	2	6
Wind direction (deg)	237	228	202	217	225

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 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 wind speed of 2-7 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 20.07.2025 to 26.07.2025.
- Considering the prevailing rainfall condition, farmers are advised to complete main field preparation by taking the advantages of available soil moisture, followed by sowing of kharif crops like paddy, arhar, maize, groundnut, green gram, cow pea and other rainy season vegetables etc.
- Looking to the above mentioned forecast condition, farmers are advised to conduct agricultural operations accordingly and also monitor their field regularly against various diseases infestation likes root rot, fusarium wilt, fruit rot, stem rot etc. and also the attack of sucking insects due to prevailing weather condition.
- If flooded condition is arise due to past rainfall events, then make provision to drain out excess water from the field and if possible store the excess water for future use.

SMS Advisory

- Farmers are advised to monitor their field regularly against various diseases infestation and insect attack due to prevailing weather condition (cloudy weather along with high humidity).

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Main field	Considering the prevailing rainfall condition, farmers are advised to start

	preparation/ Transplanting	<p>main field preparation for transplanting of paddy seedlings.</p> <ul style="list-style-type: none"> • Main field land preparation should be done by puddling the field twice at 7-10 days intervals and land levelling for uniform crop stand. About 0.8-1 t/acre of well decomposed FYM may be applied before first puddling. • If possible, incorporate the dhaincha green manuring crop at the time of initial puddling of main field. • Farmers those seedling are already 25-30 days old, are advised to start transplanting with a spacing of 20×15 cm at shallow depth. For high yielding varieties, use only 2-3 seedlings per hill and for hybrids 1-2 seedling per hill. • To control weeds, apply granular herbicide Bensulfuron methyl 0.6% + Pretilachlor 6% GR @ 4 kg/acre mixed with 4 kg of sand within 5-10 days after transplanting. Farmers should wait one or two more days for spraying operations.
Maize	Sowing / Vegetative stage	<ul style="list-style-type: none"> • Farmers those not yet started sowing should wait one more days because heavy rainfall is expected in some places during first half of upcoming week. • 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 Pendimethalin 30% EC @ 1 liter per acre mixed with 200 liters of water within 72 hours of sowing. • As heavy rainfall is forecasted within one or two days of upcoming week so sowing operations should be done accordingly.
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 infestation and attack of sucking insects in vegetable crops should be advised. • Provide mechanical support to horticultural crops & staking to vegetables to protect them from strong wind. • Light to moderate rainfall along with heavy rainfall in some places is expected in upcoming one or two days, so farmers should wait some days for conducting any spraying operations.
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 as thunderstorm/lightning is expected in upcoming days.
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 also make provision to ensure proper ventilation in poultry farm as well as make arrangements to prevent direct entry of rain water into the shed. • Due to prevailing weather condition, the signs of Ranikhet disease attack are showing in case of poultry farm, so be alert and contact the nearest animal health center if necessary.

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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.