



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



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Week no - 24

Date: 13.06.2025

West Central Table Land Zone

District-Sonepur

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 07.06.2025 to 13.06.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	07	08	09	10	11	12	13	07	08	09	10	11	12	13	07	08	09	10	11	12	13
Sonepur	37	37	38	38	33	35	35	25	26	28	23	26	26	26	5.7	0.0	0.0	10.3	1.5	0.0	0.0

Weather forecast for next 5 days

Date	14-06-2025	15-06-2025	16-06-2025	17-06-2025	18-06-2025
Rainfall (mm)	0.9	2	5	4.7	10
Max Temperature (° C)	35	34	34	34	35
Min Temperature (° C)	26	25	25	25	26
Total cloud cover (okta)	2	3	4	4	5
Max Relative Humidity (%)	66	73	76	78	83
Min Relative Humidity (%)	33	38	44	42	50
Wind speed (km/h)	6	6	10	4	11
Wind direction (deg)	117	195	241	243	246

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

Weather Summary/Alert:

According to medium range weather forecast of IMD, MC, Bhubaneswar, very light to light rainfall along with thunderstorm/lightning in some places and 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. There is a chance of rise in relative humidity and flow of south-easterly and south-westerly wind is predicted during next 5 days.

General Advisory

- As per ERFs model of IMD (Subsequent week outlook for 6th to 12th Day), rainfall is above normal, maximum and minimum temperature is expected to be below normal and normal respectively for Odisha state during 18.06.2025 to 24.06.2025 so farmers should take proper precautionary measures accordingly and start field preparation for kharif rice cultivation and also nursery sowing or planting of rainy season vegetable crops.
- Past weather (periodic cloudy and sunny along with no or very light rain and high humidity) condition may impact crops by increasing the likelihood of pest and disease infestations in standing fruit and vegetable crops in upcoming days so farmers are advised to monitor their field regularly.

SMS Advisory

- As moderate rainfall is expected in some places in 2nd half of upcoming week, farmers are advised to conduct agricultural operations accordingly and keep the harvested produce in safe places.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Seed/Variety selection / Land preparation	<ul style="list-style-type: none"> Farmers should arrange good quality paddy seed from any reliable source like Research institutes, Universities, KVKs, Block offices and other reputed farms. Following varieties should be recommended to the farmers for kharif season:

		<ul style="list-style-type: none"> ➤ For upland, varieties like Khandagiri, Satyarthi Dhan, Mandakini, Swarna Shreya etc. with a duration of 90 to 120 days can be used, for medium land, Lalat, MTU-1010, MTU-1001, Naveen, Pratibha, Tejaswini etc. with 120 to 140 days duration can be used, and for low land, varieties like Puja, Pratiksha, Hasanta, Durga, Swarna, Swarna Sub-1, Sarla, Maudamani, Kalachampa etc. with a duration of more than 140 days can be used. • Farmers should start land preparation for nursery sowing of kharif paddy crop because moderate rainfall in some places is expected in upcoming week.
Arhar	Variety selection / Pre-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.
Mango	Pit preparation for new planting	<ul style="list-style-type: none"> • Planting holes or pit should be dug before the onset of a rainy season but farmers those are not yet started digging are advised to complete this operation as soon as possible. The holes should be dug to a depth of 1 meter, width of 1 meter and length of 1 meter (1m x 1m x 1m). • Selected seedlings should be healthy and big enough for planting as they have a higher chance of survival and should not show signs of pests and diseases. • If ready to plant, re-fill the planting holes with a ¼ of the top soil from around the hole or with the soils removed when preparing the hole(s). Where necessary, mix this soil with recommended amounts of farm yard manure or fertilizers thoroughly and keep as such for some days.
Vegetable crops	Fruiting / Nursery sowing/ Planting	<ul style="list-style-type: none"> • Harvesting of matured crop should be advised as soon as possible because due to past weather condition there may be a chance of increase in various diseases and insect attack in vegetable crops. • Farmers should start nursery bed preparation for rainy season vegetables. Already prepared seedlings should be planted under available soil moisture condition.
Livestock		<ul style="list-style-type: none"> • With commencement of monsoon, transmission of many types of infectious animal diseases likes FMD, HS, BQ etc. and multiplication of mosquitoes, flies and various microorganisms may increase so be alert and 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 appropriate arrangements to ensure that the chicken house is well ventilated and that rainwater does not enter the house directly.

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.