



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



No. 48 (English Bulletin)

Week no - 24

Date: 17.06.2025

West Central Table Land Zone

District-Sonepur

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 11.06.2025 to 17.06.2025

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	11	12	13	14	15	16	17	11	12	13	14	15	16	17	11	12	13	14	15	16	17
Sonepur	33	35	35	36	37	37	33	26	26	26	28	28	24	26	1.5	0.0	0.0	0.0	0.0	47.3	3.6

Weather forecast for next 5 days

Date	18-06-2025	19-06-2025	20-06-2025	21-06-2025	22-06-2025
Rainfall (mm)	15	30	35	13.6	8
Max Temperature (° C)	33	32	32	33	34
Min Temperature (° C)	26	26	27	27	27
Total cloud cover (okta)	6	7	7	6	5
Max Relative Humidity (%)	90	93	89	83	81
Min Relative Humidity (%)	79	75	70	66	56
Wind speed (km/h)	13	9	13	11	10
Wind direction (deg)	231	249	233	235	258

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

Weather Summary/Alert:

According to medium range weather forecast of IMD, MC, Bhubaneswar, moderate to heavy rainfall along with thunderstorm/lightning and generally cloudy sky is expected during first three days of 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 9-13 km/h in south-westerly direction is predicted during 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 22.06.2025 to 28.06.2025 and there is a chance of heavy rainfall in upcoming days also so farmers are advised to conduct agricultural operations accordingly and start field preparation for nursery sowing.
- Prevailing rainfall condition may create waterlogged condition in standing fruit and vegetable crops which impact crops by increasing the likelihood of various diseases like root rot, fusarium wilt, fruit rot, stem rot etc. in later stage so farmers are advised to make provision for draining out excess water from field and also monitor their field regularly against any disease attack.

SMS Advisory

- Looking to the past rainfall condition and upcoming rainfall events, farmers are advised to make provision to drain out excess water from standing crop fields.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Seed/Variety selection / Land	<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

	preparation	<p>farmers for kharif season:</p> <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. • Today Southwest Monsoon has covered remaining parts of Odisha so farmers are advised to start land preparation for nursery sowing of kharif paddy crop because light to moderate rainfall or heavy rainfall in some places is expected in upcoming days.
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. • Looking to the upcoming rainfall events, farmers are advised to wait some days for sowing operation.
Fruit and Vegetable crops	Nursery/ Seedlings/ sowing/ Planting	<ul style="list-style-type: none"> • Farmers should wait some days for any kind of agricultural activities likes nursery bed preparation, sowing as well as planting in fruit and vegetable crops for some days because heavy rainfall in one or two places over the district is expected in upcoming three days. • Ensured proper drainage facilities in crop fields.
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 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.

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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.