



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



No. 62 (English Bulletin)

Week no - 31

Date: 05.08.2025

West Central Table Land Zone

District-Sonepur

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 30.07.2025 to 05.08.2025**

DATES	MAX TEMP (°C)							MIN TEMP (°C)							RAINFALL (mm)						
	30	31	01	02	03	04	05	30	31	01	02	03	04	05	30	31	01	02	03	04	05
Sonepur	28	29	32	32	32	33	34	24	26	26	26	25	27	27	3.4	0.3	0.0	0.0	9.0	0.0	0.0

Weather forecast for next 5 days

Date	06-08-2025	07-08-2025	08-08-2025	09-08-2025	10-08-2025
Rainfall (mm)	2	8	12	11	4
Max Temperature (° C)	35	35	34	34	35
Min Temperature (° C)	27	27	26	26	27
Total cloud cover (okta)	3	5	5	5	4
Max Relative Humidity (%)	80	82	87	88	89
Min Relative Humidity (%)	55	56	58	70	63
Wind speed (km/h)	3	5	6	4	4
Wind direction (deg)	201	217	228	186	202

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 chance of occurrence of light to moderate rainfall in some places during upcoming week and partly to generally cloudy sky is expected during that period. No large change in both Maximum temperature and Minimum temperature is expected in upcoming 5 days. High relative humidity along with a wind speed of 3-6 km/h is predicted in south-westerly direction.

General Advisory

- As per ERFs model of IMD (Subsequent week outlook for 6th to 12th Day), rainfall is normal, maximum and minimum temperature is also expected to be normal for Odisha state during 10.08.2025 to 16.08.2025.
- Farmers should conduct agricultural activities like spraying, weeding, hoeing etc.
- Farmers are advised to complete transplanting of Paddy crop and also sowing of other kharif crops like arhar, maize, groundnut, green gram, cow pea and other rainy season vegetables etc. as soon as possible.
- Prevailing weather condition (cloudy weather along with high humidity) is favourable for various disease pest attack in different crops, so farmers are advised to monitor their field regularly against its attack.
- Keep the animals in shed and keep them away from any electrical devices as thunderstorm/lightning is expected in first half of upcoming week.

SMS Advisory

- To control stem borer and leaf folder attack in Paddy fields, farmers should use 3 pheromone traps/acre of rice field to monitor the infestations of these insects.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Kharif Rice	Transplanting / Post-	• Farmers those seedling are already 25-30 days old, are advised to complete transplanting of Paddy as soon as possible.

	transplanting/ Tillering	<ul style="list-style-type: none"> Looking to the prevailing weather condition, farmers are advised to monitor the attack of stem borer and leaf folder in Paddy fields. To control these insects, keep 3 pheromone traps/acre of rice field for monitoring the stem borer and leaf folder infestations. Whenever the number of male moths/trap reaches 4 or 5, apply Azadirachtin 0.15% EC @ 800 ml/acre or, Chlorantraniliprole 0.4% GR @ 4 kg/acre mixing with sand at 1:1 ratio or, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10 kg/acre or, Flubendiamide 20 WG 50 g/acre in 200 litres of water.
Maize	Vegetative stage	<ul style="list-style-type: none"> Stem borer attack was observed in some maize field so farmers are advised to spray chlorantraniliprole @ 0.4ml or emamectin benzoate @ 0.4g per liter of water under clear weather condition to control this insect.
Mango	Vegetative growth (New orchard)	<ul style="list-style-type: none"> Due to prevailing weather condition, the attack of leaf eating caterpillar may noticed in some newly planted Mango crop, so farmers are advised to monitor their orchard regularly.
	Old orchard	<ul style="list-style-type: none"> The spider web should be cleaned and affected portion should be cut and burned. Spray Copper oxychloride @ 3g per liter of water under clear weather condition for control of red rust and anthracnose in mango.
Brinjal, Tomato	Fruiting	<ul style="list-style-type: none"> Past weather condition is favorable for fruit borer & fruit and shoot borer attack in Tomato and Brinjal respectively so its regular monitoring should be advised. If attack observed, then spraying of emamectin benzoate @ 0.4g or chlorantraniliprole @ 0.3ml or tetraniliprole @ 0.5ml per liter of water should be advised.
Chilli	Nursery management/ Planting	<ul style="list-style-type: none"> Planting of chilli crop should be done at raised bed and also ensure adequate drainage in nursery bed. Monitoring against attack of sucking insects likes aphids, thrips etc. should be advised because prevailing weather condition is favorable for its attack.
Livestock		<ul style="list-style-type: none"> The symptoms of foot and mouth disease are observing in the some cattle, so to prevent this disease, it is necessary to vaccinate the animals (4 months onwards) once in 6 months and another booster vaccine should be given 28 days after the first vaccination. Deworming before vaccination is more beneficial than normal vaccination.
Poultry		<ul style="list-style-type: none"> To prevent the occurrence of Ranikhet disease in poultry farm, vaccinating the chicks against this disease at 1-7 days old and then again at 20-28 days old stage and also 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.