



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



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Week no-52

Date: 29.12.2023

**West Central Table Land Zone**

**Bargarh**

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is very less chance of occurrence of rainfall along with clear to partly cloudy sky is expected during the upcoming days. The maximum and minimum temperature is likely to be ranges between 28-29°C and 14-15°C respectively during this week. The maximum and minimum relative humidity may vary between 53-63% and 26-31% respectively. The wind speed of 3-5 km/hr is predicted from NE/SE direction during the upcoming days.

Date	30-12-2023	31-12-2023	01-01-2024	02-01-2024	03-01-2024
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	28	28	28	29	29
Min Temperature (° C)	14	14	14	14	15
Total cloud cover (okta)	0	0	0	0	4
Max Relative Humidity (%)	63	60	58	53	55
Min Relative Humidity (%)	31	30	28	27	26
Wind speed (km/h)	5	4	4	3	4
Wind direction (deg)	72	107	101	135	126

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

**General Advisory**

- There is no large change in minimum temperature is expected during upcoming days but foggy and cool weather is prevailed during this week which favour aphid and other sucking pest infestation in all type of crops so farmers are advised to make provision to protect their crops as well as animals from cold and take proper protective as well as preventive measures against the insects. There is no chance of rainfall in upcoming week but due to foggy condition in morning and night hour farmers are advised to conduct any types of agricultural operations when sky is clear.
- Farmers those are using android mobile, are advised to use **Meghdoot** app for location specific weather forecast and agromet advisories and **Damini** app for early information about thunderstorm and lightning.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Paddy</b>	<b>Harvesting/ Threshing/ Winnowing</b>	<ul style="list-style-type: none"> <li>• As dry weather condition is prevailed during upcoming week, harvesting of matured paddy crop should be advised as soon as possible and keep in safe place after proper sun drying to avoid any further damage due to adverse weather condition.</li> </ul>
<b>Vegetable crops (Brinjal, Tomato, Potato, Chilli, Cole crops etc.)</b>	<b>Vegetative / Flowering stage</b>	<ul style="list-style-type: none"> <li>• Farmers should use straw or polythene as a mulching material to maintain soil temperature as well as moisture in crop field.</li> <li>• Prevailing weather condition is favourable for late blight infestation in Tomato and Potato so farmers should use Metalaxyl + Mancozeb @ 2.5 g per liter of water as preventive as well as protective measure against this disease. If possible, use 3 gram Trichoderma per kg of seed during seed/seedling treatment to avoid wilt disease in vegetable crops.</li> </ul>
<b>Mustard</b>	<b>Vegetative / Flowering stage</b>	<ul style="list-style-type: none"> <li>• In case of dense planting, one thinning operation should be advised to maintain optimum plant population. Hoeing and weeding</li> </ul>

		<p>operation is advised in case of crop 15 to 20 days crop.</p> <ul style="list-style-type: none"> <li>• Prevailing foggy weather condition is favourable for aphid and mustard sawfly attack in mustard crop so its regular monitoring should be advised.</li> </ul>
<b>Animal Husbandry (Cow and Buffalo)</b>		<ul style="list-style-type: none"> <li>• Farmers are advised to keep the animal shed clean and dry to avoid disease and insect attack and also provide mineral mixture along with fresh clean drinking water to the animal and make proper provision to protect the animal from cold (if possible use jute/gunny bags to cover the animal as well as animal shed and straw as bedding material) because foggy and cold weather is expected to be continue during upcoming week.</li> </ul>

**Note:** Outlook of Weather Forecast for next two weeks (29<sup>th</sup> December, 2023 to 11<sup>th</sup> January, 2024) Ref:-IMD, MC, Bhubaneswar on dated: 28.12.2023

Mainly dry weather very likely to prevail over the districts of Odisha during week-1(29th December 2023 to 4th January 2024). Isolated dense fog is likely to occur during week-1 over the districts of Odisha. No significant Change in Minimum temperature (Night temperature) and it is likely to be above normal by 2-3<sup>0</sup>C at many places over the districts of Odisha during week-1.

Mainly dry weather very likely to prevail over the districts Odisha during most of the days of week-2 (5th to 11th January 2024) except isolated rainfall activity in some days over some districts of Odisha. Minimum temperature (Night temperature) is likely to be near normal at most places over the districts of Odisha during week-2.

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IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** in both English and Odia languages.



(<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

Farmers can also use **DAMINI mobile app** for thunderstorm and lightning information.



(<https://play.google.com/store/apps/details?id=com.lightening.live.damini>)