



## Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.034/2024 Issued on 26.04.2024

(From 27<sup>th</sup> April 2024 to 01<sup>st</sup> May 2024)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



### Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 033 (23.04.2024) for Tamil Nadu. Maximum temperature ranged from 35°C to 41°C and minimum temperature ranged from 23°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 21°C to 28°C and minimum temperature ranged from 12°C to 14°C. During this period occurred rainfall was recorded in Tamil Nadu.

### Coimbatore District Past Weather

In Coimbatore district, during 23.04.2024 to 25.04.2024 the Maximum temperature was recorded was 39°C to 40°C the minimum temperature was 25°C to 27°C. The morning relative humidity recorded was 75 per cent and evening relative humidity was 20 per cent. The average wind speed recorded was 08-11 km per hour and the wind direction were from East direction.

### Weather Summary for Coimbatore district

| Past week Summary<br>(23.04.2024 to 25.04.2024) |                |                | Ensemble weather forecast valid until<br>08.30 hrs of 01.05.2024 |                |                |                |                |                |
|---|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| Day-1<br>23/04                                  | Day-2<br>24/04 | Day-3<br>25/04 | Date   | Day-1<br>27/04 | Day-2<br>28/04 | Day-3<br>29/04 | Day-4<br>30/04 | Day-5<br>01/05 |
| 1.1   | 0.0            | 0.8            | Rainfall   | 0              | 0              | 0              | 1              | 1              |
| 40  | 39             | 39             | Max. Temp. (°C)  | 40             | 40             | 41             | 41             | 40             |
| 27  | 25             | 26             | Mini. Temp. (°C)   | 27             | 27             | 27             | 26             | 27             |
| 6   | 6              | 3              | Cloud cover (Octa)   | 3              | 3              | 6              | 6              | 7              |
| 69  | 62             | 75             | RH morning (%)   | 70             | 70             | 70             | 80             | 80             |
| 22  | 21             | 20             | RH evening (%)   | 20             | 20             | 20             | 20             | 30             |
| 11  | 8              | 9              | Wind (kmph)  | 10             | 8              | 10             | 10             | 12             |
| 90  | 90             | 90             | Wind Direction   | 250            | 250            | 250            | 250            | 250            |

### Weather forecast for next five days: (27.04.2024 to 01.05.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be clear. Light rainfall expected on 30.04.2024 & 01.05.2024 Maximum temperature is expected to be around 40°C to 41°C. Minimum temperature is expected to be around 26°C to 27°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 8-12 km per hour and the wind direction will be from South West direction.

| Coimbatore District Block Wise Rainfall(mm) for next five days |          |       |           |               |            |            |                |                |                 |           |       |              |
|--|----------|-------|-----------|---------------|------------|------------|----------------|----------------|-----------------|-----------|-------|--------------|
| Date   | Anamalai | Annur | Karamadai | Kinathukadavu | Madukkarai | PN Palayam | Pollachi North | Pollachi South | Sarcarsamakulam | Sultanpet | Sulur | Thondamuthur |
| 27-04-2024   | 0.2      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.1       | 0.0   | 0.0          |
| 28-04-2024   | 0.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |
| 29-04-2024   | 0.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |
| 30-04-2024   | 0.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |
| 01-05-2024   | 0.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |

### Agro Advisory

| Crop            | Stage      | Advisory  |
|-----------------|------------|---|
| General         |            | <p>Dry days are expected with wind speed of 08-14 km/hr. High temperature (up to 42°C) with dry weather is expected during the afternoon hours (12.00 to 3 PM). Hence, farmers are advised to avoid working during the hours.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>Plan for summer ploughing against the slope with soil inverting type ploughs.</p> |
| Cumbu / sorghum |            | This is the best time of sowing Cumbu and sorghum. Hence farmers are requested to sow Cumbu in irrigated dry condition instead of maize.  |
| Sugarcane       | Vegetative | Since continuous dry weather prevailed in some parts of the district is favourable for the early shoot borer attack in sugarcane hence farmers are requested to do irrigation frequently and do mulching if rain is not occurred.   |
| Banana          |            | Considering the local circulation due to increased temperature and expected summer rains, provide propping to the banana of more than five months old to prevent from lodging.  |

|                  |  |  |
|------------------|--|--|
| Coconut          |  | Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.   |
| Animal Husbandry |  | <p>Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.</p> <p>Application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.</p> <p>To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.</p> <p>Summer rains may occur as thunder storm during the afternoon hours. Safeguard the animals.</p> |

**SMS advisory**

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**Professor and Head  
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