



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.036/2024 Issued on 03.05.2024

(From 04<sup>th</sup> May 2024 to 08<sup>th</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 035 (30.04.2024) for Tamil Nadu. Maximum temperature ranged from 36°C to 41°C and minimum temperature ranged from 26°C to 31°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 23°C to 29°C and minimum temperature ranged from 13°C to 15°C. During this period occurred rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 30.04.2024 to 02.05.2024 the Maximum temperature was recorded was 40°C the minimum temperature was 26°C to 27°C. The morning relative humidity recorded was 71 per cent and evening relative humidity was 32 per cent. The average wind speed recorded was 9-16 km per hour and the wind direction were from East direction.

## Weather Summary for Erode district

Past Week Summary (30.04.2024 to 02.05.2024)			Ensemble weather forecast valid until 08.30 hrs of 08.05.2024					
Day-1 30/04	Day-2 01/05	Day-3 02/05	Date	Day-1 04/05	Day-2 05/05	Day-3 06/05	Day-4 07/05	Day-5 08/05
0.0	0.0	0.0	Rainfall	3	2	2	2	28
40	40	40	Max. Temp. (°C)	44	43	43	42	41
27	26	26	Mini. Temp. (°C)	26	25	25	23	23
5	5	4	Cloud cover (Octa)	7	8	4	6	8
62	71	69	RH morning (%)	70	60	60	70	60
32	42	37	RH evening (%)	30	20	20	30	30
9	16	13	Wind (kmph)	8	10	8	8	6
230	230	230	Wind Direction	250	230	200	250	250

## Weather forecast for next five days: (04.05.2024 to 08.05.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. sky will be mostly cloudy. Moderate rainfall expected on next 5 days. Maximum temperature is expected to be around 41°C to 44°C. Minimum temperature is expected to be around 23°C to 26°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 6-10 km per hour and the wind direction will be from South West direction.

Erode District Block Wise Rainfall(mm) for next five days														
Date	Ammapet	Anthiyur	Bhavani	Bhavanisagar	Chenimalai	Erode	Gopi	Kodumudi	Modakurichi	Nambiyur	Perundurair	Sathyamangalam	Talavadai	TN Palayam
<b>04-05-2024</b>	1.3	6.7	1.2	0.0	0.5	0.9	4.3	0.3	0.4	4.5	1.0	4.0	2.0	3.0
<b>05-05-2024</b>	0.6	1.3	0.4	0.0	3.8	0.6	2.6	0.4	1.4	2.2	0.0	3.0	0.0	2.0
<b>06-05-2024</b>	0.0	0.5	0.3	0.0	0.3	0.8	0.8	0.3	1.0	1.1	0.0	0.0	0.0	0.0
<b>07-05-2024</b>	1.1	1.2	0.0	0.0	0.0	0.0	0.2	1.1	0.0	0.2	0.0	4.0	3.0	3.0
<b>08-05-2024</b>	6.1	4.1	4.6	1.8	4.0	6.2	2.9	1.2	3.6	3.8	20.0	17.0	19.0	17.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Alarming increase in temperature is observed in northern parts of Tamil Nadu. Similar conditions prevail in the interior locations of Erode and Tiruppur. The temperature will be high (upto 44°C) with wind speed of 08-16 km/hr. Hence, farmers are advised to avoid working during the noon 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>In Coimbatore districts, the temperature will be declined due to the expected summer rains. Plan for summer ploughing against the slope with soil inverting type ploughs.</p>
Sugarcane	Vegetative	Considering the local circulation due to increased temperature and expected summer rains, provide propping to the sugarcane by tying opposite row to prevent from lodging.
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 to a considerable extent.</p>

**SMS advisory**

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**Professor and Head  
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