



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.040/2024 Issued on 17.05.2024

(From 18<sup>th</sup> May 2024 to 22<sup>nd</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 039 (14.05.2024) for Tamil Nadu. Maximum temperature ranged from 35°C to 39°C and minimum temperature ranged from 23°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 23°C and minimum temperature ranged from 12°C to 14°C. During this period occurred rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 14.05.2024 to 16.05.2024 the Maximum temperature was recorded was 34°C to 36°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 50 per cent. The average wind speed recorded was 6-17 km per hour and the wind direction were from East direction.

## Weather Summary for Erode district

Past Week Summary (14.05.2024 to 16.05.2024)			Ensemble weather forecast valid until 08.30 hrs of 22.05.2024					
Day-1 14/04	Day-2 15/05	Day-3 16/05	Date	Day-1 18/05	Day-2 19/05	Day-3 20/05	Day-4 21/05	Day-5 22/05
6.7	2.0	4.6	<b>Rainfall</b>	11	29	11	10	12
34	34	36	<b>Max. Temp. (°C)</b>	34	32	31	31	30
24	23	24	<b>Mini. Temp. (°C)</b>	24	23	22	22	21
7	7	7	<b>Cloud cover (Octa)</b>	8	8	8	8	8
76	87	83	<b>RH morning (%)</b>	70	80	80	80	80
61	56	50	<b>RH evening (%)</b>	50	50	50	50	60
17	15	6	<b>Wind (kmph)</b>	6	8	6	4	6
230	340	200	<b>Wind Direction</b>	290	270	250	270	270

## Weather forecast for next five days: (18.05.2024 to 22.05.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. sky will be cloudy. Moderate to heavy rainfall expected on next 5 days. Maximum temperature is expected to be around 30°C to 34°C. Minimum temperature is expected to be around 21°C to 24°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 4-8 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
18-05-2024	12.0	13.0	10.0	22.0	16.0	9.0	17.0	12.0	10.0	22.0	13.0	20.0	14.0	18.0
19-05-2024	24.0	24.0	25.0	24.0	24.0	26.0	24.0	19.0	25.0	23.0	25.0	23.0	16.0	23.0
20-05-2024	12.0	13.0	10.0	24.0	16.0	9.0	17.0	12.0	10.0	22.0	13.0	21.0	18.0	19.0
21-05-2024	12.0	13.0	9.0	25.0	16.0	8.0	17.0	12.0	9.0	22.0	13.0	22.0	21.0	20.0
22-05-2024	12.0	13.0	11.0	18.0	17.0	10.0	17.0	12.0	11.0	22.0	14.0	19.0	16.0	18.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate to heavy Rainfall is expected during this week in all three western zone districts. The wind speed will be between 6 - 16 km/hr.</p> <p>Irrigation may be postponed 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> <p>Excess rain may be harvested safely in farm ponds.</p> <p>Continuous rainfall is predicted. Postpone irrigation, fertilizer application and sowing.</p>
Rice	Land preparation	<p>Stagnate water during evening and drain during morning to prevent saltation action of rainfall and protect proper germination of seeds in nursery. If not sown, postpone for few days.</p>
Sugarcane	Vegetative	<p>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.</p> <p>With the receipt of rainfall, late season sugarcane setts may be planted with proper drainage.</p>

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.
Turmeric	Sowing	By utilizing rainfall, dibbling in turmeric rhizomes may be continued by providing proper drainage.
Tapioca		By utilizing the received and anticipated rainfall harvest may be programmed in Tapioca.
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		Rain is expected during this week. Check the roofs of animal shed and repair leakages.

**SMS advisory**

- Continuous rainfall is predicted. Postpone irrigation, sowing, pesticide spray and fertilizer application.

**Professor and Head  
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