



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.028/2024 Issued on 05.04.2024

(From 06<sup>th</sup> April 2024 to 10<sup>th</sup> April 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 027 (02.04.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 40°C and minimum temperature ranged from 25°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 22°C to 28°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 02.04.2024 to 04.04.2024 the Maximum temperature was recorded was 38°C to 39°C and the minimum temperature was 25°C to 27°C. The morning relative humidity recorded was 70 per cent and evening relative humidity was 20 per cent. The average wind speed recorded was 7-10 km per hour and the wind direction were from East direction.

## Weather Summary for Erode district

Past week Summary (02.04.2024 to 04.04.2024)			Ensemble weather forecast valid until 08.30 hrs of 10.04.2024					
Day-1 02/04	Day-2 03/04	Day-3 04/04	Date	Day-1 06/04	Day-2 07/04	Day-3 08/04	Day-4 09/04	Day-5 10/04
0.0	0.0	0.0	Rainfall	0	0	0	0	1
38	39	38	Max. Temp. (°C)	41	41	40	40	40
25	27	26	Mini. Temp. (°C)	25	24	24	24	24
4	5	5	Cloud cover (Octa)	2	3	2	0	4
63	73	70	RH morning (%)	60	50	60	60	70
20	23	20	RH evening (%)	20	20	20	20	30
10	7	8	Wind (kmph)	8	8	10	12	10
90	110	70	Wind Direction	180	180	140	110	140

## Weather forecast for next five days: (06.04.2024 to 10.04.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. Light rainfall expected on 10.04.24. Maximum temperature is expected to be around 40°C to 41°C. Minimum temperature is expected to be around 24°C to 25°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 8-12 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
06-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with clear sky is expected during next week with wind speed of 6-12 km/hr in western zone districts.</p> <p>The temperature may be increased 1-2°C from the normal. Interior districts may get maximum temperature of &gt;39°C.</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 case of limited irrigation water, dust mulch (top layer to a depth of 2-3cm may be stirred well) to avoid moisture stress condition.</p> <p>Rising temperature may bring summer rain during afternoon hours with lightening and thunders. Plan for summer ploughing against the slope with soil inverting type ploughs.</p>
Cumbu		<p>Considering the dry weather, sowing of irrigated bajra is recommended followed by irrigation and life irrigation on 3<sup>rd</sup> day.</p>
Banana		<p>Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping to the banana of more than five months old.</p>

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>Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day.</p> <p>To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.</p>

**SMS advisory**

- To avoid the heat stress to animals due to increasing temperature and decreasing RH, feed may be provided during night or early morning or late evening hours.

**Professor and Head  
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