



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.017/2024 Issued on 27.02.2024

(From 28th February 2024 to 03rd March 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 016 (23.02.2024) for Tamil Nadu. Maximum temperature ranged from 32°C to 36°C and minimum temperature ranged from 23°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 24°C and minimum temperature ranged from 10°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 23.02.2024 to 26.02.2024 the Maximum temperature was recorded was 34°C to 37°C and the minimum temperature was 22°C to 24°C. The morning relative humidity recorded was 83 per cent and evening relative humidity was 41 per cent. The average wind speed recorded was 8-16 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (23.02.2024 to 26.02.2024)				Ensemble weather forecast valid until 08.30 hrs of 03.03.2024					
Day-1 23/02	Day-2 24/02	Day-3 25/02	Day-4 26/02	Date	Day-1 28/02	Day-2 29/02	Day-3 01/03	Day-4 02/03	Day-5 03/03
0.0	0.0	0.0	0.0	Rainfall	0	0	0	0	0
36	37	36	34	Max. Temp. (°C)	34	34	35	35	36
23	23	24	22	Mini. Temp. (°C)	23	24	24	25	25
4	6	3	5	Cloud cover (Octa)	2	3	2	4	1
80	83	80	78	RH morning (%)	80	70	80	70	70
41	47	52	52	RH evening (%)	20	20	20	20	20
9	8	9	16	Wind (kmph)	8	8	8	8	6
200	250	90	90	Wind Direction	110	110	110	140	140

Weather forecast for next five days: (28.02.2024 to 03.03.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. Dry weather is expected on next 5 days. Maximum temperature is expected to be around 34°C to 36°C. Minimum temperature is expected to be around 23°C to 25°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 6-8 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
28-02-2024	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
29-02-2024	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
01-03-2024	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
02-03-2024	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
03-03-2024	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 mostly clear sky is expected during next week with wind speed of 6-12 km/hr in western zone districts. Both the maximum and minimum temperature are increasing while the relative humidity is decreasing.</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>
Rice	Flowering	Due to rising temperature (both maximum and minimum), sucking pest may appear in transplanted Navarai season rice. To control, spray Phosphamidon 40SL @ 600 ml / ha.
Sugarcane	Vegetative	Since higher temperature associated with low humidity is favourable for the early shoot borer incidence in sugarcane and hence farmers are requested to do frequent irrigation to keep the field under moist condition.
Vegetables	Vegetative	Since temperature starts increasing sucking pest like leaf minor, jassids may be increases. Hence spray 5% neem seed kernel extract as prophylactic spray.

Banana		Bacterial hot rot disease is seen in some plantations of the 5 months old banana crop hence farmers are advised to monitor the crop and drench bleaching powder @ 20gm/liter of water. Provide support to banana above 5 months old as wind speed is around 8 – 10 kmph.
Mango	Flowering	Considering the dry weather, if mango tree doesn't have flowers, Spray either 0.5% urea (5g/litre) or 1% Potassium nitrate (10g/litre) to induce flowering under sufficient soil moisture. If mango has flowers, spray 2% Potassium nitrate to increase fruit set and retardation of fruit, when sufficient soil moisture is available.
Turmeric	Harvest	Considering the prevailing dry weather, harvested turmeric may be processed for marketing.
Animal Husbandry		Since the day temperature found increasing with decreasing relative humidity, provide enough clean water to both animals and poultry. Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day.

SMS advisory

- The day temperature is increasing, while the relative humidity is decreasing. Hence, provide enough clean water to both animals and poultry.

**Professor and Head
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