



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.054/2024 Issued on 05.07.2024

(From 06<sup>th</sup> July 2024 to 10<sup>th</sup> July 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 053 (02.07.2024) for Tamil Nadu. Maximum temperature ranged from 32°C to 40°C and minimum temperature ranged from 23°C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 22°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 02.07.2024 to 04.07.2024 the Maximum temperature was recorded 29°C to 34°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 86 per cent and evening relative humidity was 56 per cent. The average wind speed recorded was 14-19 km per hour and the wind direction were from East direction.

## Weather Summary for Erode district

Past Week Summary (02.07.2024 to 04.07.2024)			Ensemble weather forecast valid until 08.30 hrs of 10.07.2024					
Day-1 02/07	Day-2 03/07	Day-3 04/07	Date	Day-1 06/07	Day-2 07/07	Day-3 08/07	Day-4 09/07	Day-5 10/07
0.1	0.0	2.0	<b>Rainfall</b>	3	4	2	3	2
29	34	33	<b>Max. Temp. (°C)</b>	37	36	36	36	37
23	24	23	<b>Mini. Temp. (°C)</b>	26	25	25	25	26
8	6	7	<b>Cloud cover (Octa)</b>	8	6	6	7	7
86	83	85	<b>RH morning (%)</b>	70	70	70	70	70
71	56	67	<b>RH evening (%)</b>	50	50	40	40	40
19	18	14	<b>Wind (kmph)</b>	10	10	12	10	12
230	230	230	<b>Wind Direction</b>	250	250	270	270	270

## Weather forecast for next five days: (06.07.2024 to 10.07.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 36°C to 37°C. Minimum temperature is expected to be around 25°C to 26°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 10-12 km per hour and the wind directions 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	Perundurai	Sathyamangalam	Talavada	TN Palayam
06-07-2024	0.9	1.0	1.5	0.8	5.3	4.1	0.5	3.5	6.4	0.3	6.3	0.3	5.1	0.7
07-07-2024	3.3	5.8	2.1	0.6	1.6	2.0	2.4	0.7	1.6	0.7	1.9	1.6	1.4	3.5
08-07-2024	0.7	2.8	0.3	0.0	4.8	0.4	0.1	7.0	2.1	0.0	0.8	0.0	3.1	1.3
09-07-2024	0.0	1.0	0.1	0.0	2.3	0.4	0.0	3.4	2.0	0.0	0.9	0.0	0.9	0.9
10-07-2024	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		Drizzling or light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week in Western zone districts. Irrigation may be done based on soil moisture. Schedule the chemical sprays during non rainy and low wind speed hours.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidachloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Cotton	Sowing	With the receipt of anticipated rainfall land preparation and sowing may be initiated for irrigated Cambodia cotton and complete before August 15. To control wilt disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region.
Banana		Considering the high wind speed @ 10-24 kmph, provide propping to the banana of more than five months old to prevent from lodging. To control wilt disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region.

Gourds	Sowing	<p>With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.</p> <p>To control fruit fly incidence place methyl euginol trap @ 10 no / acre</p>
Onion		<p>Prevailing weather situation is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Dimethoate @ 1 ml per litre of water.</p> <p>To control twister top disease, spray Mancozep + Carbendazim combination product @2g/lit</p>
Turmeric		<p>Considering the favourable weather apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre</p> <p>To control rhizome rot disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region.</p>
Animal Husbandry		<p>Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed.</p> <p>Provide adequate cool drinking water to all the animals to prevent thirst for water due to high wind speed.</p> <p>Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.</p>

**SMS advisory:**

- Prevailing weather is favourable for thrips attack in onion. Monitor the crop carefully and if required, spray Dimethoate @ 1 ml per litre of water.

**Professor and Head**  
**Principal Nodal Officer (GKMS)**  
**Agro Climate Research Centre**