



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.053/2023 Issued on 04.07.2023

(From 05<sup>th</sup> July 2023 to 09<sup>th</sup> July 2023)

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 052 (30.06.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 40°C and minimum temperature ranged from 21°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 11°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 30.06.23 to 03.07.23 the Maximum temperature was recorded was 31°C to 34°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 85 per cent and evening relative humidity was 66 per cent. The average wind speed recorded was 20-22 km per hour and the wind direction were from South West direction.

## Weather Summary for Erode district

Past week Summary (30.06.2023 to 03.07.2023)				Ensemble weather forecast valid until 08.30 hrs of 09.07.2023					
Day-1 30/06	Day-2 01/07	Day-3 02/07	Day-4 03/07	Date	Day-1 05/07	Day-2 06/07	Day-3 07/07	Day-4 08/07	Day-5 09/07
0.5	0.0	0.0	1.2	<b>Rainfall</b>	22	14	8	3	4
32	31	34	34	<b>Max. Temp. (°C)</b>	31	30	30	29	29
23	22	23	23	<b>Mini. Temp. (°C)</b>	22	21	20	20	20
6	5	6	7	<b>Cloud cover (Octa)</b>	8	8	8	8	8
68	76	69	85	<b>RH morning (%)</b>	80	80	80	70	70
70	69	66	74	<b>RH evening (%)</b>	50	70	50	50	50
20	22	20	22	<b>Wind (kmph)</b>	12	10	8	10	8
230	200	230	230	<b>Wind Direction</b>	250	230	230	230	250

## Weather forecast for next five days: (05.07.2023 to 09.07.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Moderate to Heavy rainfall is expected on next five days. Maximum temperature is expected to be around 29°C to 31°C. Minimum temperature is expected to be around 20°C to 22°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 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	Perundurai	Sathyamangalam	Talavadai	TN Palayam
05-07-2023	21.0	22.0	20.0	28.0	21.0	20.0	23.0	19.0	20.0	23.0	21.0	26.0	32.0	25.0
06-07-2023	14.0	14.0	13.0	20.0	15.0	12.0	16.0	15.0	13.0	18.0	14.0	18.0	15.0	17.0
07-07-2023	7.0	8.0	6.0	12.0	10.0	6.0	10.0	7.0	6.0	13.0	8.0	11.0	4.0	11.0
08-07-2023	2.0	2.0	1.0	5.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0	4.0	8.0	3.0
09-07-2023	1.0	2.0	1.0	5.0	2.0	1.0	2.0	1.0	1.0	2.0	2.0	4.0	6.0	3.0

### Agro Advisory

Crop	Stage	Advisory
General		Moderate to Heavy rainfall is expected with wind speed of 8 – 16 km/hr in Western Zone districts during next five days. Moderate to heavy rainfall is expected. Irrigation and spraying operations may be postponed and provide adequate drainage. Harvest the excess water safely in Farm Ponds.
Rice	Planting	Considering the anticipated rainfall drainage should be provided to nursery and recently transplanted rice to prevent rain damage to seedlings.
Sorghum	Vegetative	By utilizing the rainfall, apply urea 50 kg/ha as nitrogen fertilizer to the rain fed sorghum crop.
Maize	Sowing	By utilizing expected rainfall sowing of maize with imidacloprid 70S seed treatment @ 10g/kg seed is advised.
Small millets	Sowing	With the receipt of anticipated rainfall sowing of small millets and millets may be taken up along the Western Ghats.
Groundnut	Vegetative	Considering the anticipated rainfall gypsum @ 400 kg/ha may be incorporated in the 40 days old groundnut crop.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging. Late season sugarcane planting can be continued and if already planted, gap filling may be done.
Banana	Above 5 months old	Rain fall with 8-12 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana.

Turmeric	Vegetative	By utilizing the rainfall, weeding may be done in 30 days old Turmeric. Apply top dressing of urea 22 kg and Potash 10 kg in 30 days and 60 days old turmeric. Occurrence of leaf spot incidence in turmeric crop may be monitored because of heavy wind, high relative humidity and cloudiness.
Coconut		Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. Also apply 250 g of micronutrient per tree and don't mix micronutrient with soil.
Animal Husbandry		Due to windiness, flies population will be more in animal shed. Provide adequate cleaning and sprinkle potassium permanganate solution three times a day.

#### **SMS advisory**

- Moderate rainfall with heavy wind is expected. Irrigation may be postponed and provide adequate drainage. Provide support to banana against lodging.

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