



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.055/2024 Issued on 09.07.2024

(From 10th July 2024 to 14th 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 054 (05.07.2024) for Tamil Nadu. Maximum temperature ranged from 30°C to 40°C and minimum temperature ranged from 22°C to 32°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 21°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 05.07.2024 to 08.07.2024 the Maximum temperature was recorded 31°C to 34°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 93 per cent and evening relative humidity was 62 per cent. The average wind speed recorded was 17-24 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past Week Summary (05.07.2024 to 08.07.2024)				Ensemble weather forecast valid until 08.30 hrs of 14.07.2024					
Day-1 05/07	Day-2 06/07	Day-3 07/07	Day-4 08/07	Date	Day-1 10/07	Day-2 11/07	Day-3 12/07	Day-4 13/07	Day-5 14/07
1.2	5.4	0.0	0.0	Rainfall	1	0	2	7	8
34	34	32	31	Max. Temp. (°C)	34	34	33	33	32
24	23	23	23	Mini. Temp. (°C)	25	24	24	24	23
5	8	8	7	Cloud cover (Octa)	6	7	7	8	8
80	87	93	91	RH morning (%)	70	70	70	80	70
62	64	75	75	RH evening (%)	40	40	40	50	40
19	17	21	24	Wind (kmph)	10	10	10	10	10
230	230	230	250	Wind Direction	230	270	230	230	230

Weather forecast for next five days: (10.07.2024 to 14.07.2024)

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 32°C to 34°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 40 per cent. Average wind speed is expected to be around 10 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	Talavadai	TN Palayam
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
11-07-2024	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-07-2024	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
13-07-2024	6.0	6.0	5.0	10.0	5.0	4.0	6.0	5.0	4.0	6.0	5.0	8.0	9.0	7.0
14-07-2024	4.0	4.0	5.0	6.0	3.0	5.0	4.0	3.0	5.0	3.0	4.0	4.0	3.0	4.0

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.
Sorghum		Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall.
Groundnut		By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Banana		Considering the high wind speed @ 10-26 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Tapioca		To enhance the size of the tuber in Tapioca, irrigation may be done based on the soil moisture content so as to minimize the effect of high soil temperature.

Gourds	Sowing	With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.
Onion		Prevailing weather situation is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Dimethoate @ 1 ml per litre of water.
Turmeric		Considering the favourable weather apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre
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:

- Considering the high wind speed @ 10-26 kmph, provide support to the banana of more than five months old to prevent from lodging.

**Professor and Head
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