



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.076/2023 Issued on 23.09.2023

(From 23<sup>rd</sup> September 2023 to 27<sup>th</sup> September 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 075 (18.09.2023) for Tamil Nadu. Maximum temperature ranged from 32°C to 36°C and minimum temperature ranged from 24°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 18.09.23 to 21.09.23 the Maximum temperature was recorded was 32°C to 34°C and the minimum temperature was 23°C. The morning relative humidity recorded was 81 per cent and evening relative humidity was 56 per cent. The average wind speed recorded was 8-17 km per hour and the wind direction were from South West direction.

## Weather Summary for Erode district

Past week Summary (18.09.2023 to 21.09.2023)				Ensemble weather forecast valid until 08.30 hrs of 27.09.2023					
Day-1 18/09	Day-2 19/09	Day-3 20/09	Day-4 21/09	Date	Day-1 23/09	Day-2 24/09	Day-3 25/09	Day-4 26/09	Day-5 27/09
2.6	9.1	9.1	8.3	<b>Rainfall</b>	16	16	10	10	12
32	33	33	34	<b>Max. Temp. (°C)</b>	34	33	33	32	32
23	23	23	23	<b>Mini. Temp. (°C)</b>	24	23	23	22	22
6	7	5	7	<b>Cloud cover (Octa)</b>	8	7	8	8	8
76	76	79	81	<b>RH morning (%)</b>	70	80	70	70	80
68	67	63	56	<b>RH evening (%)</b>	40	40	40	40	50
17	17	16	8	<b>Wind (kmph)</b>	8	8	8	6	6
200	230	200	250	<b>Wind Direction</b>	250	270	270	250	320

## Weather forecast for next five days: (23.09.2023 to 27.09.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light to moderate 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 22°C to 24°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 6-8 km per hour and the wind direction will be from South west direction.

<b>Erode District Block Wise Rainfall(mm) for next five days</b>														
Date	Ammapet	Anthiyur	Bhavani	Bhavanisagar	Chenimalai	Erode	Gopi	Kodumudi	Modakurichi	Nambiyur	Perundurai	Sathyamangalam	Talavadai	TN Palayam
23-09-2023	15.0	14.0	14.0	15.0	13.0	14.0	14.0	15.0	14.0	13.0	13.0	14.0	14.0	14.0
24-09-2023	11.0	11.0	12.0	13.0	9.0	13.0	9.0	8.0	12.0	7.0	11.0	11.0	14.0	10.0
25-09-2023	8.0	7.0	7.0	8.0	6.0	7.0	7.0	7.0	7.0	6.0	7.0	7.0	7.0	7.0
26-09-2023	9.0	8.0	8.0	9.0	8.0	8.0	8.0	9.0	8.0	8.0	8.0	9.0	8.0	8.0
27-09-2023	11.0	10.0	10.0	11.0	10.0	10.0	10.0	11.0	10.0	10.0	10.0	10.0	10.0	10.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected with high wind speed of 6 - 18 km/hr during next five days in western zone districts. Provide adequate drainage to all crops and postpone the irrigation.</p> <p>With the receipt of anticipated rainfall dry lands may be prepared and sown with North East Monsoon crops such as groundnut and millets.</p> <p>Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form like neem coated urea to get more nutrient efficiency.</p>
Rice	Planting	Considering the rainfall, Samba season rice planting may be postponed
Sorghum	Harvest	Harvesting of the millets and minor millets may be postpone considering the heavy rainfall is expected.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.

Cotton	Flowering	To avoid the flower shedding in cotton, spray during rain free days with 40 PPM NAA in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 <sup>th</sup> node is advised. Light to moderate rainfall is expected. Provide adequate drainage to all crops and postpone the irrigation.
Banana	Above 5 months old	Rain fall with 6-8 km/hour wind speed may cause lodging in banana. Provide support to five months and above old banana. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanyl @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Turmeric	Vegetative	Prevailing high relative humidity and wind speed would spread the spores of turmeric leaf spot from endemic area. Spray Mancozeb @ 1 kg/ha or copper oxy chloride @ 1.25 kg/ha. Light to moderate rainfall is expected. Provide adequate drainage to all crops and postpone the irrigation.
Coconut		Basins may be deepened to coconut to collect anticipating rainfall so as to store in the soil profile.
Animal Husbandry		Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking.

### SMS advisory

- Cloudy weather with high RH leads to less nutrient absorption. Apply slow release nitrogenous fertilizers like neem coated urea.