



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.080/2023 Issued on 06.10.2023

(From 07th October 2023 to 11th October 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 079 (03.10.2023) for Tamil Nadu. Maximum temperature ranged from 32°C to 37°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 22°C and minimum temperature ranged from 8°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 03.10.23 to 05.10.23 the Maximum temperature was recorded was 33°C to 34°C and the minimum temperature was 23°C. The morning relative humidity recorded was 75 per cent and evening relative humidity was 56 per cent. The average wind speed recorded was 13-17 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (03.10.2023 to 05.10.2023)			Ensemble weather forecast valid until 08.30 hrs of 11.10.2023					
Day-1 03/10	Day-2 04/10	Day-3 05/10	Date	Day-1 07/10	Day-2 08/10	Day-3 09/10	Day-4 10/10	Day-5 11/10
0.1	0.0	0.0	Rainfall	1	15	60	55	15
33	34	34	Max. Temp. (°C)	34	34	33	33	33
23	23	23	Mini. Temp. (°C)	23	23	22	22	22
4	4	4	Cloud cover (Octa)	6	6	8	8	7
75	67	67	RH morning (%)	78	78	82	82	82
63	64	56	RH evening (%)	60	60	58	58	58
14	17	13	Wind (kmph)	14	14	14	12	12
230	200	230	Wind Direction	230	230	230	200	200

Weather forecast for next five days: (07.10.2023 to 11.10.2023)

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 33°C to 34°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 82 per cent and evening relative humidity is expected to be around 58 per cent. Average wind speed is expected to be around 12-14 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	Talavada	TN Palayam
07-10-2023	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	0.1
08-10-2023	10.0	9.0	11.0	6.0	7.0	12.0	7.0	9.0	0.0	0.0	0.0	0.0	3.4	2.0
09-10-2023	48.0	47.0	54.0	35.0	41.0	57.0	39.0	50.0	8.4	0.3	8.8	0.0	9.4	2.5
10-10-2023	45.0	43.0	49.0	34.0	37.0	52.0	36.0	46.0	1.5	1.7	0.8	0.3	15.6	8.8
11-10-2023	21.0	19.0	15.0	24.0	18.0	13.0	20.0	17.0	8.6	3.6	12.2	0.0	3.8	7.5

Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate to heavy rainfall during 9.10.2023 to 11.10.2023 is expected with high wind speed of >12 km/hr in western zone districts.</p> <p>Areas along the Western Ghats may receive heavy rainfall.</p> <p>Provide adequate drainage and harvest the excess water to farm ponds</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> <p>Postpone fertilizer application and spraying operations.</p>
Rice	Planting	Considering the rainfall, Samba season rice planting may be postponed and provide adequate drainage to recently transplanted rice.
Sorghum	Sowing	To utilize the expected rainfall, premonsoon sowing of millets maybe taken up in rainfed.
Groundnut	Sowing	By utilizing expected rainfall gap filling may be done to groundnut crop maintain optimum population.

Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months old	Rainfall with wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old. 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 chlorothalnil @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Turmeric	Vegetative	<i>Weather is favourable for</i> rhizome rot in Turmeric. Drench with <i>Trichoderma viride</i> to prevent the disease spread.
Tapioca	Planting	Considering the anticipated rainfall, it is best time for planting tapioca. Before planting sett should be dipped in carbendazim solution @ 1g in 1 lit water for 15 minutes.
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. Weather is conducive for mastitis disease in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking. De worming in cattle's may be advised.

SMS advisory

Moderate to heavy rainfall during 9.10.2023 to 11.10.2023 is expected in western zone. Provide adequate drainage to all crops and harvest the excess water to farm ponds.

**Professor and Head
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