



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.037/2023 Issued on 09.05.2023

(From 10th May 2023 to 14th May 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 036 (04.05.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 37°C and minimum temperature ranged from 20°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 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 04.05.23 to 08.05.23 the Maximum temperature was recorded as 31°C to 34°C and the minimum temperature was 23°C to 24°C. The Morning relative humidity recorded was 91 per cent and evening relative humidity was 57 per cent. The average wind speed recorded was 8-15 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (04.05.2023 to 08.05.2023)					Ensemble weather forecast valid until 08.30 hrs of 14.05.2023					
Day-1 04/05	Day-2 05/05	Day-3 06/05	Day-4 07/05	Day-5 08/05	Date	Day-1 10/05	Day-2 11/05	Day-3 12/05	Day-4 13/05	Day-5 14/05
0.1	22.2	4.2	15.6	0.9	Rainfall	10	0	10	0	0
32	34	33	34	31	Max. Temp. (°C)	34	33	33	34	35
24	24	24	23	24	Mini. Temp. (°C)	24	24	24	23	24
6	6	7	6	6	Cloud cover (Octa)	7	7	8	8	8
83	84	80	91	87	RH morning (%)	70	70	70	70	70
61	58	57	63	66	RH evening (%)	40	30	30	40	30
10	13	12	8	15	Wind (kmph)	4	4	6	4	6
360	230	50	200	320	Wind Direction	290	250	250	250	290

Weather forecast for next five days: (10.05.2023 to 14.05.2023)

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 33°C to 35°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 4-6 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
10-05-2023	7.0	8.0	7.0	14.0	7.0	7.0	9.0	5.0	7.0	9.0	7.0	13.0	31.0	12.0
11-05-2023	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0
12-05-2023	7.0	9.0	7.0	15.0	6.0	7.0	9.0	5.0	7.0	8.0	7.0	14.0	39.0	12.0
13-05-2023	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
14-05-2023	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	0.0

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 6 - 8 km/hr in Western zone during next five days. By utilizing the rainfall summer ploughing may be done against the slope to control weeds and arrest erosion. Rainfall is continuing. Hence, harvested cereals and pulses may be stored safely.
Rice	Nursery	Considering the anticipated rainfall nursery land preparation may be done followed by sowing for short duration rice.
Sorghum	Sowing	By utilizing the past week and expected rainfall, continue the sowing of sorghum with adequate drainage facility.
Cumbu	Sowing	By utilizing the past week and expected rainfall, continue the sowing of cumbu with adequate drainage facility.
Groundnut		This is the right time for sowing of Chithirai pattam rainfed groundnut. Field preparation followed by sowing may be done, since rain is continuing.
Sesamum	Vegetative and Flowering	Drainage facilities may be created for sesame to avoid lodging especially in lowling area.

Sugarcane		Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging. Since continuous receipt of rainfall is anticipated, late season sugarcane setts may provide with proper drainage to avoid sett rot.
Banana	Above 5 months old	Since light rain fall with squally wind is expected, propping and providing support to five months old banana is recommended against the lodging.
Turmeric	Land preparation Rhizome development	This is the best time for preparation of land for ensuing Turmeric crop planting by utilizing expected rain fall. By utilizing rainfall turmeric rhizomes planting may be started. Provide adequate drainage to the turmeric at rhizome development stage.
Coconut		Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.
Animal		Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed. Provide drainage in and around the cattle shed against water stagnation which may act as mosquito breeding source.

SMS advisory

- Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.

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