



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.031/2024 Issued on 16.04.2024

(From 17th April 2024 to 21st April 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 030 (12.04.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 40°C and minimum temperature ranged from 24°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 26°C and minimum temperature ranged from 10°C to 15°C. During this period occurred rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 12.04.2024 to 15.04.2024 the Maximum temperature was recorded was 36°C to 37°C and the minimum temperature was 24°C to 27°C. The morning relative humidity recorded was 70 per cent and evening relative humidity was 25 per cent. The average wind speed recorded was 08-15 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (12.04.2024 to 15.04.2024)				Ensemble weather forecast valid until 08.30 hrs of 21.04.2024					
Day-1 12/04	Day-2 13/04	Day-3 14/04	Day-4 15/04	Date	Day-1 17/04	Day-2 18/04	Day-3 19/04	Day-4 20/04	Day-5 21/04
0.0	0.9	0.0	0.0	Rainfall	0	0	2	0	0
37	37	36	37	Max. Temp. (°C)	40	40	39	40	39
27	26	26	24	Mini. Temp. (°C)	25	25	26	25	26
6	5	5	5	Cloud cover (Octa)	4	3	5	4	7
70	66	67	69	RH morning (%)	60	70	60	60	60
30	31	25	31	RH evening (%)	20	20	20	20	20
14	9	8	15	Wind (kmph)	8	8	10	10	8
90	90	50	70	Wind Direction	200	270	200	230	180

Weather forecast for next five days: (17.04.2024 to 21.04.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. Light rainfall expected on 19.04.2024. Maximum temperature is expected to be around 39°C to 40°C. Minimum temperature is expected to be around 25°C to 26°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 8-10 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
17-04-2024	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
18-04-2024	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
19-04-2024	1.0	2.0	0.0	12.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	8.0	14.0	6.0
20-04-2024	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
21-04-2024	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

Agro Advisory

Crop	Stage	Advisory
General		<p>Drizzling to light rainfall is expected and few places along the western Ghat may get summer rainfall with wind speed of 8-14 km/hr. Rising temperature may bring summer rain during afternoon hours with lightening and thunders.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>Plan for summer ploughing against the slope with soil inverting type ploughs.</p>
Sugarcane	Vegetative	<p>Since continuous dry weather prevailed in some parts of the district is favorable for the early shoot borer attack in sugarcane hence farmers are requested to do irrigation frequently and do mulching if rain is not occurred.</p>
Tapioca	Vegetative	<p>Prevailing dry weather situation is favorable for spiraling white fly in tapioca and hence farmers are requested to monitor the crop carefully and keep yellow sticky trap in 5 to 6 places / ac or spray prefenophos @2ml or Acephate @ 2gm/ liter of water.</p>

Banana		Considering the local circulation due to increased temperature and expected summer rains, provide propping to the banana of more than five months old to prevent from lodging.
Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Animal Husbandry		<p>Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.</p> <p>To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.</p> <p>Summer rains may occur as thunder storm during the afternoon hours. Safeguard the animals.</p>

SMS advisory

- By utilizing the light rainfall, summer ploughing against the slope may be done with soil inverting type ploughs to arrest erosion and harvest water in root zone.

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