



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.048/2023 Issued on 16.06.2023

(From 17<sup>th</sup> June 2023 to 21<sup>th</sup> June 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 047 (13.06.2023) for Tamil Nadu. Maximum temperature ranged from 34°C to 41°C and minimum temperature ranged from 23°C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 22°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Coimbatore District Past Weather

In Coimbatore district, during 13.06.23 to 15.06.23 the Maximum temperature was recorded as 34°C and the minimum temperature was 23°C to 24°C. The Morning relative humidity recorded was 77 per cent and evening relative humidity was 60 per cent. The average wind speed recorded was 17-22 km per hour and the wind direction were from South West direction.

## Weather Summary for Coimbatore district

Past week Summary (13.06.2023 to 15.06.2023)			Ensemble weather forecast valid until 08.30 hrs of 21.06.2023					
Day-1 09/06	Day-2 10/06	Day-3 11/06	Date	Day-1 17/06	Day-2 18/06	Day-3 19/06	Day-4 20/06	Day-5 21/06
8.5	1.3	3.2	<b>Rainfall</b>	2	4	14	22	12
34	34	34	<b>Max. Temp. (°C)</b>	36	36	35	35	34
23	24	23	<b>Mini. Temp. (°C)</b>	24	24	23	23	22
5	6	5	<b>Cloud cover (Octa)</b>	4	8	8	8	8
70	77	75	<b>RH morning (%)</b>	70	70	80	90	80
60	52	57	<b>RH evening (%)</b>	30	30	50	70	60
20	22	17	<b>Wind (kmph)</b>	10	8	8	10	10
200	230	230	<b>Wind Direction</b>	230	250	230	250	230

## Weather forecast for next five days: (17.06.2023 to 21.06.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 34°C to 36°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 30 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.

**Coimbatore District Block Wise Rainfall (mm) for next five days**

Date	Anamalai	Annur	Karamadai	Kinathukadavu	Madukkarai	PN Palayam	Pollachi North	Pollachi South	Sarcarsamakulam	Sultanpet	Sulur	Thondamuthur
17-06-2023	2.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
18-06-2023	10.0	4.0	5.0	5.0	3.0	3.0	8.0	8.0	3.0	5.0	3.0	4.0
19-06-2023	27.0	17.0	16.0	19.0	15.0	14.0	24.0	24.0	15.0	19.0	16.0	16.0
20-06-2023	68.0	27.0	30.0	40.0	30.0	26.0	56.0	56.0	25.0	29.0	25.0	36.0
21-06-2023	64.0	18.0	22.0	33.0	22.0	18.0	51.0	51.0	16.0	21.0	16.0	28.0

**Agro Advisory**

Crop	Stage	Advisory
General		Light to moderate rainfall is expected with wind speed of 6 - 16 km/hr in Western zone during next five days. Wind speed of Tiruppur district may go up to 16 km/hr. As rainfall is expected in the coming days, irrigation may be postponed to all crops. Provide adequate drainage to all crops. Excess rain water may be drained to farm pond and use for supplemental irrigation.
Rice	Planting	Transplanting of short duration rice varieties can be done with enough provision of drainage because rainfall is anticipated. Also keep 2 cm water during evening and drain in the morning to avoid floating seedling due to rain splash action.
Maize	Sowing	By utilizing expected rainfall sowing of maize with imidacloprid seed treatment @ 10g/kg seed is advised.
Small millets	Sowing	With the receipt of anticipated rainfall sowing of small millets and millets may be taken up along the Western Ghats. Heavy rain may occur along the Western Ghats. Ensure adequate safety to the animals.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging. Late season sugarcane planting can be continued and if already planted, gap filling may be done.
Tomato	Planting	It is right time for planting of Tomato in main field.
Cucurbits	Sowing	By utilizing the past and expected rainfall, 1'x1'x1' sized pit may be taken for cucurbits.

Banana	Above 5 months old	Light rain fall with 6-16 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana.
Turmeric	Vegetative	By utilizing the rainfall, weeding may be done in 30 days old Turmeric
Grapes		June is the best time for pruning in monsoon grape crop. Weak and immature branches should be pruned without damaging in vines.
Coconut		Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. Also apply 250 g of micro nutrient per tree and don't mix micro nutrient with soil.
Animal		Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain. Due to low evening humidity, provide 80-100 liter drinking water to the livestock in four splits.

#### **SMS advisory**

- Rainfall is expected irrigation may be postponed. Excess rainwater may be drained to farm pond and use for supplemental irrigation.

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