



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.087/2023 Issued on 31.10.2023

(From 01st November 2023 to 05th November 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 086 (27.10.2023) for Tamil Nadu. Maximum temperature ranged from 30°C to 34°C and minimum temperature ranged from 22°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 22°C and minimum temperature ranged from 09°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 27.10.23 to 30.10.23 the Maximum temperature was recorded was 33°C and the minimum temperature was 24°C. The morning relative humidity recorded was 82 per cent and evening relative humidity was 43 per cent. The average wind speed recorded was 7-14 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (27.10.2023 to 30.10.2023)				Ensemble weather forecast valid until 08.30 hrs of 05.11.2023					
Day-1 27/10	Day-2 28/10	Day-3 29/10	Day-4 30/10	Date	Day-1 01/11	Day-2 02/11	Day-3 03/11	Day-4 04/11	Day-5 05/11
0.4	0.0	0.2	1.4	Rainfall	45	15	5	45	40
33	33	33	33	Max. Temp. (°C)	31	31	31	30	30
24	24	24	24	Mini. Temp. (°C)	24	24	24	23	23
6	6	7	7	Cloud cover (Octa)	7	7	7	6	6
74	76	81	82	RH morning (%)	84	84	84	82	82
43	51	66	91	RH evening (%)	70	70	70	68	68
11	9	14	7	Wind (kmph)	10	10	10	8	8
90	70	70	360	Wind Direction	70	70	70	90	90

Weather forecast for next five days:(01.11.2023 to 05.11.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 30°C to 31°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 84 per cent and evening relative humidity is expected to be around 68 per cent. Average wind speed is expected to be around 8-10 km per hour and the wind direction will be from North East 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
01-11-2023	27.0	41.0	40.0	36.0	39.0	41.0	31.0	31.0	41.0	40.0	41.0	38.0
02-11-2023	9.0	17.0	15.0	12.0	12.0	13.0	11.0	11.0	14.0	17.0	16.0	11.0
03-11-2023	4.0	9.0	6.0	5.0	3.0	4.0	5.0	5.0	5.0	9.0	7.0	3.0
04-11-2023	30.0	41.0	41.0	37.0	40.0	41.0	33.0	33.0	41.0	40.0	41.0	39.0
05-11-2023	28.0	37.0	36.0	34.0	36.0	37.0	31.0	31.0	37.0	37.0	37.0	35.0

Agro Advisory

Crop	Stage	Advisory
General		Moderate to high rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts. Provide adequate drainage and post pone irrigation, fertilizer application and spraying.
Rice	Vegetative	Since rainfall is expected, provide adequate drainage facilities in recently transplanted field.
Sugarcane	Vegetative	Since rainfall with wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months	Rainfall with wind speed of 10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.
Grapes	Vegetative	Due to wet weather with frequent drizzling is favourable for the downy mildew incidence in grapes and therefore farmers are requested to monitor the crop carefully and spray 1% Bordeaux mixture if needed.
Turmeric	Vegetative	Due to continuous rainfall, drainage is very necessary for all the standing crops especially for turmeric, cotton and maize. during dry spell, spray 1% urea solution against yellowing of leaves.
Animal Husbandry		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination. Temperature is falling to 30°C and relative humidity is high up to 90% may cause suffocation in animals. Provide adequate comfort and clean drinking water.

SMS advisory

- Moderate to high rainfall is expected. Hence provide adequate drainage and post pone irrigation, fertilizer application and spraying.

**Professor and Head
Principal Nodal Officer (GKMS)**