



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.0103/2023 Issued on 26.12.2023
(From 27th December 2023 to 31st December 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 102 (22.12.2023) for Tamil Nadu. Maximum temperature ranged from 26°C to 31°C and minimum temperature ranged from 19°C to 24°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 14°C to 25°C and minimum temperature ranged from 6°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 22.12.23 to 25.12.23 the Maximum temperature was recorded was 27°C to 31°C and the minimum temperature was 18°C to 22°C. The morning relative humidity recorded was 95 per cent and evening relative humidity was 50 per cent. The average wind speed recorded was 3-10 km per hour and the wind direction were from East direction.

Weather Summary for Coimbatore district

Past week Summary (22.12.2023 to 25.12.2023)				Ensemble weather forecast valid until 08.30 hrs of 31.12.2023					
Day-1 22/12	Day-2 23/12	Day-3 24/12	Day-4 25/12	Date	Day-1 27/12	Day-2 28/12	Day-3 29/12	Day-4 30/12	Day-5 31/12
0.0	0.0	0.0	0.0	Rainfall	0	0	2	1	0
27	30	29	31	Max. Temp. (°C)	31	32	32	31	32
21	21	18	22	Mini. Temp. (°C)	22	23	22	22	22
7	6	5	5	Cloud cover (Octa)	2	4	6	7	6
95	87	80	93	RH morning (%)	90	80	90	90	90
53	63	50	55	RH evening (%)	40	60	60	50	50
3	8	10	8	Wind (kmph)	10	12	12	10	10
90	20	110	90	Wind Direction	70	70	70	70	70

Weather forecast for next five days: (27.12.2023 to 31.12.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light drizzling rainfall is expected on 29.12.2023, & 30.12.2023. Maximum temperature is expected to be around 31°C to 32°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 10-12 km per hour and the wind direction will be from 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
27-12-2023	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	1.1	0.6	0.0
28-12-2023	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.1	0.0	1.4	0.6	0.0
29-12-2023	0.1	0.0	0.0	1.3	0.8	0.2	0.0	0.3	0.3	4.6	2.6	0.0
30-12-2023	0.0	0.0	0.0	0.8	0.5	0.2	0.0	0.1	0.3	5.1	2.8	0.0
31-12-2023	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or dry days are expected during next week with wind speed of 6 -12 km/hr in western zone districts. Both temperature and wind speed are slowly increasing compared to previous week. By utilizing the favourable weather and soil moisture, complete all the postponed sprays, fertilizer application and weeding.
Rice	Vegetative & grain filling	Considering the dry weather in past and current week provide irrigation to samba paddy which is at grain filling stage.
Maize	Flowering	Downy mildew is observed in irrigated maize with favourable weather. Rogue out the affected plants as the chemical application would not prevent this disease now.
Cotton	Boll bursting	Picking of cotton may be done during cloud free period.
Turmeric	Harvest	Early planted turmeric rhizome may be harvested since, dry spell is anticipated.

Coconut	Fruiting	This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.
Grapes	Vegetative	Favourable weather is prevailing for pruning in summer crop.
Animal Husbandry		Considering the monsoon season, and consumption of grasses, deworming may be given to sheep, goat, cattle and milch animals.

SMS advisory

- Downy mildew is observed in irrigated maize with favourable weather. Rogue out the affected plants as the chemical application would not prevent this disease now.

**Professor and Head
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