



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.013/2024 Issued on 13.02.2024
(From 14th February 2024 to 18th February 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 012 (09.02.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 20°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 26°C and minimum temperature ranged from 9°C to 11°C. During this period no rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 09.02.2024 to 12.02.2024 the Maximum temperature was recorded was 32°C to 35°C and the minimum temperature was 20°C to 22°C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 29 per cent. The average wind speed recorded was 10-14 km per hour and the wind direction were from East direction.

Weather Summary for Coimbatore district

Past week Summary (09.02.2024 to 12.02.2024)				Ensemble weather forecast valid until 08.30 hrs of 13.02.2024					
Day-1 09/02	Day-2 10/02	Day-3 11/02	Day-4 12/02	Date	Day-1 14/02	Day-2 15/02	Day-3 16/02	Day-4 17/02	Day-5 18/02
0.0	0.0	0.0	0.0	Rainfall	0	0	0	0	0
35	34	32	33	Max. Temp. (°C)	33	33	32	33	33
20	22	22	20	Mini. Temp. (°C)	21	22	22	20	21
3	5	4	3	Cloud cover (Octa)	1	3	3	2	1
74	84	85	87	RH morning (%)	90	90	90	80	80
29	40	39	35	RH evening (%)	30	40	30	30	30
12	14	10	11	Wind (kmph)	10	12	12	10	10
90	70	90	50	Wind Direction	70	70	70	70	70

Weather forecast for next five days: (14.02.2024 to 18.02.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be clear. Dry weather is expected on next 5 days. Maximum temperature is expected to be around 32°C to 33°C. Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 10-12 km per hour and the wind direction will be from South 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
14-02-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-02-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16-02-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-02-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-02-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with clear sky is expected during next week with wind speed of 8-14 km/hr in western zone districts. Maximum temperature is slightly increasing.</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>After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain. Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.</p>
Rice	Post harvest	<p>Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be open dried during 9 - 11 am and 3 - 5pm.</p>
Sesamum	Sowing	<p>To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing. Soil application of Trichoderma Viride @ 2.5 kg/ha + 250kg of FYM to control root rot disease.</p>

Sugarcane	Planting	Under prevailing weather conditions planning may done to plant sugarcane as earliest possible, in order to harvest higher productivity
Turmeric	Harvest	Considering the prevailing dry weather, harvested turmeric may be processed for marketing.
Animal Husbandry		Since the day temperature found increasing, provide enough clean water to both animals and poultry.

SMS advisory

- Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be sun dried during 9 - 11 am and 3 – 5pm.

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