



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Coimbatore District**  
**Bulletin No.083/2023 Issued on 17.10.2023**  
**(From 18<sup>th</sup> October 2023 to 22<sup>nd</sup> October 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 082 (13.10.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 22°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 20°C and minimum temperature ranged from 09°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

### Coimbatore District Past Weather

In Coimbatore district, during 13.10.23 to 16.10.23 the Maximum temperature was recorded was 32°C to 34°C and the minimum temperature was 22°C to 24°C. The morning relative humidity recorded was 90 per cent and evening relative humidity was 40 per cent. The average wind speed recorded was 8-11 km per hour and the wind direction were from South West direction.

### Weather Summary for Coimbatore district

Past week Summary (13.10.2023 to 16.10.2023)				Ensemble weather forecast valid until 08.30 hrs of 22.10.2023					
Day-1 13/10	Day-2 14/10	Day-3 15/10	Day-4 16/10	Date	Day-1 18/10	Day-2 19/10	Day-3 20/10	Day-4 21/10	Day-5 22/10
4.3	1.4	29.8	1.2	<b>Rainfall</b>	45	2	10	20	15
32	33	34	33	<b>Max. Temp. (°C)</b>	32	32	32	31	31
23	24	22	24	<b>Mini. Temp. (°C)</b>	22	22	22	21	21
6	7	6	7	<b>Cloud cover (Octa)</b>	8	8	8	7	7
83	84	90	83	<b>RH morning (%)</b>	92	92	92	90	90
40	61	53	61	<b>RH evening (%)</b>	65	65	65	62	62
9	11	9	8	<b>Wind (kmph)</b>	10	10	10	8	8
90	200	200	110	<b>Wind Direction</b>	70	70	70	90	90

### Weather forecast for next five days: (18.10.2023 to 22.10.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 31°C to 32°C. Minimum temperature is expected to be around 21°C to 22°C. Morning relative humidity is expected to be around 92 per cent and evening relative humidity is expected to be around 62 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
18-10-2023	34.0	41.0	44.0	39.0	41.0	42.0	36.0	36.0	41.0	38.0	40.0	40.0
19-10-2023	5.0	6.0	6.0	3.0	1.0	2.0	5.0	5.0	3.0	5.0	3.0	2.0
20-10-2023	9.0	9.0	11.0	8.0	8.0	9.0	9.0	9.0	8.0	8.0	8.0	8.0
21-10-2023	17.0	19.0	21.0	18.0	18.0	19.0	17.0	17.0	18.0	17.0	18.0	18.0
22-10-2023	18.0	19.0	23.0	16.0	14.0	16.0	17.0	17.0	16.0	16.0	15.0	15.0

**Agro Advisory**

Crop	Stage	Advisory
General		<p>Moderate rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts.</p> <p>Areas along the Western Ghats may receive heavy rainfall, hence provide adequate drainage and harvest the excess water to farm ponds.</p> <p>Gap filling and thinning may be done with the expected rainfall to maintain population in rainfed crops.</p>
Blackgram	Vegetative	The standing green gram and black gram under irrigated condition would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop.
Groundnut	Harvesting	Since rain is anticipated, harvesting of groundnut may be done followed by drying by using mechanical drier.
Cotton	Flowering	Prevailing high relative humidity is also favourable for black arm disease in cotton hence farmers are requested to monitor the crop and if necessary, spray mixture of tetracycline 100 gm + copper oxychloride 1200 gm / ha during non rainy day.

Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Gourds	Flowering	Prevailing weather is favourable for more vegetative growth in gourds at flowering stage. Application of Ethrel @ 100ppm for all gourds and 200 ppm for ribbed gourd is recommended to induce flowers and fruit set.
Banana	Above 5 months old	Rainfall with wind speed of >8 km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.
Papaya		Prevailing continues rainfall leads to water stagnation and Phytophthora root rot incidence may appear in papaya. Provide drainage followed by trenching with Bordeaux mixture @ 1%.
Turmeric	Vegetative	Prevailing weather condition is also favourable for blotch disease in turmeric. Hence farmers are requested to monitor the crop carefully & if necessary, spray Azoxystropin @ 1ml / liter of water.
Animal Husbandry		Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking. Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination. High relative humidity with 32°C may induce thirst for water in animal. Provide adequate clean drinking water.

#### SMS advisory

- Excess soil moisture may induce tendrils in the standing pulses. Clip the tendrils or top the crop.

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