

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: Friday, December 30, 2022 (9 Pausa 1944)

Time of issue: 1130 Hrs IST

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

Summary of observations over Tamil Nadu and Puducherry recorded at 0830 hrs IST:

Rainfall occurred at isolated places over south Tamilnadu (Very light rain occurred over Theni and Tuticorin districts). Dry weather prevailed over north Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:

DESCRIPTION OF TEMPERATURE:

Namakkal recorded the lowest minimum temperature of 16.5 °C in the plains of the subdivision.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly fall (-4.1° C or less)	-----
Appreciable fall (-2.1° C to -4.0°)	Over Dindigul, The Nilgiris and Coimbatore;
Appreciable rise (2.1 ° C to 4.0°)	-----
Markedly rise (4.1° c or more)	-----
No large change (-2.0° C to 2.0° C)	Over rest of the subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Coimbatore, Thanjavur, Tirupattur, Tiruchirapalli, Tiruvallur and Vellore;
Below normal (-1.6 ° to -3.0 ° C)	Over Dindigul, Ramanathapuram and The Nilgiris;
Appreciably below normal (- 3.1° C to -5.0°C)	-----
Markedly below normal (- 5.1° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's cyclonic circulation over Southeast Arabian Sea & adjoining Equatorial Indian Ocean extending upto 1.5 km above mean sea level has become less marked. Light to moderate Easterlies/Northeasterlies prevails over the region in the lower tropospheric levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(30-12-2022)	Light rain is likely to occur at one or two places over south Tamilnadu. Haze/Mist is likely to occur at one or two places over north interior Tamil Nadu during morning hours.
Day 2(31-12-2022) to Day 5(03-01-2023)	Dry weather is likely to prevail over Tamilnadu, Puducherry & Karaikal area.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be partly cloudy. Maximum and minimum temperature is likely to be around 32 °C and 23 °C respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Maximum and minimum temperature is likely to be around 32 °C and 23 °C respectively.

P. SENTHAMARAI KANNAN
SCIENTIST 'E'

For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:30-12-2022 (9 Pausa 1944 SAKA)

Stations	Temperature Degrees Celsius				Humidity percentage		Rainfall						Weather remarks
	Maximum		Minimum		At 0830 Hrs IST	Dep. from normal	Millimeters			Centimeters			
	Past 24 Hrs	Dep. from normal	Past 24 Hrs	Dep. from normal			Past 24 Hrs	Seasons total from	Departure from normal	Year's total from	Annual normal		
	°C	°C	°C	°C			%	%	mm	1-10-2022	mm	1-1-2022	
Adiramapattinam	31.3	1.6	21.6	0.3	96	9	0	465.4	-220.2	161	124	z*	
Chennai	31.9	2.8	23.5	1.8	86	5	0	960.3	109.5	159	140		
Chennai_AP	32.2	3.0	23.0	1.7	90	7	0	933.1	96.2	150	138		
Coimbatore_AP	31.4	1.4	21.2	2.3	91	9	0	197.9	-96.6	56	59	m*	
Coonoor	19.5	-0.3	10.2	0.4	76	0	0	685.3	-174.5	175	159		
Cuddalore	30.6	1.4	22.6	1.5	96	10	0	892.8	33	148	134		
Dharmapuri	29.8	1.3	19.5	1.4	95	16	0	354.0	37.8	106	91	z*	
Erode	34.0	--	18.6	--	86	--	0	334.6	--	114	--		
Kanyakumari	32.0	1.3	23.0	-0.8	82	12	0	291.7	-93.8	57	75		
KarurParamathi	34.5	4.5	20.0	0.6	91	8	0	349.0	25.4	77	59		
Karaikal	30.0	1.5	23.5	0.8	93	7	0	701.1	-311.4	126	150		
Kodaikanal	17.6	-0.2	6.7	-1.9	57	-9	0	721.5	96.6	233	158		
Madurai City	31.8	0.9	22.0	0.1	72	-6	0	518.2	--	126	--		
Madurai_AP	32.2	1.9	21.1	0.2	76	-2	0	392.6	27.4	109	85		
Nagapattinam	30.5	1.7	23.8	0.9	93	7	0	553.7	-421.7	131	143		
Namakkal	32.5	--	16.5	--	--	--	0	488.3	--	--	--		
Palayamkottai	32.9	2.1	23.5	0.8	72	-10	0	328.8	-150.2	63	73		
Pamban	31.3	2.5	21.6	-2.6	84	3	0	532.8	-167	95	91		
Parangipettai	32.6	--	23.0	--	89	--	0	905.2	-44.8	153	139		
Puducherry	31.6	2.2	21.6	0.7	90	1	0	667.3	-162.2	124	134		
Salem	33.1	1.8	18.6	-0.9	89	14	0	332.3	18.9	124	102	z*	
Thanjavur	31.0	0.7	23.8	2.2	78	-11	0	470.0	-114.9	106	95		
Thirupattur	27.8	-1.7	19.8	1.8	95	11	0	459.7	197.8	145	95	m*	
Tiruchirappalli_AP	31.3	1.6	22.6	1.6	84	3	0	286.8	-111.4	92	87	m*	
Tiruthani	32.5	2.7	21.5	2.6	81	0	0	512.4	52	114	101		
Tondi	33.8	4.1	22.6	0.7	84	0	0	439.2	-94.5	92	88		
Thoothukudi	30.5	0.7	23.0	1.2	87	4	0.4	355.6	-152.3	62	63	r	
Udagamandalam	22.2	1.1	5.0	-1.6	51	-21	0	446.2	71.5	187	116		
Valparai	29.0	--	9.0	--	91	--	0	781.0	359.7	500	--		
Vellore	31.4	2.5	20.4	2.3	95	7	0	421.0	39.2	109	103	40	

*Weather at 0830 hours IST. Other remarks refer to preceding 24 hours. NA-Not avble D-Duststorm l-Lightning d-drizzle m-mist s-snow r-rain h-hail f-fog p-shower z-haze t-thunderstorm tr-rainfall not measurable. Tr-rainfall 0.01 to 0.49 cm AP-Airport plus sign omitted when departures above normal.

GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

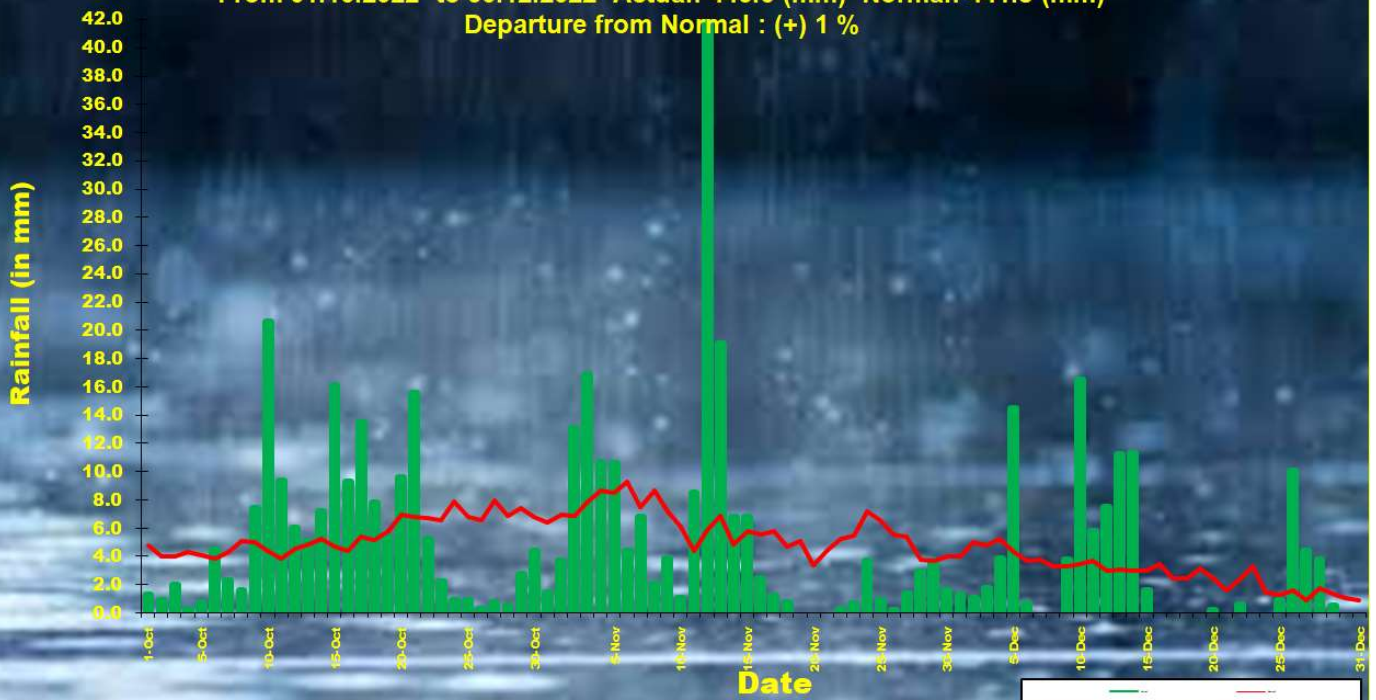
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		30.12.2022			From 01.10.2022 to 30.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	1.2	-100	444.7	440.3	1
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.8	-100	398.7	499.7	-20
687	CHENGALPATTU	0.0	4.4	-100	738.1	705.6	5
461	CHENNAI	0.0	5.0	-100	924.6	806.9	15
462	COIMBATORE	0.0	0.4	-100	466.9	337.3	38
463	CUDDALORE	0.0	1.6	-100	612.1	698.5	-12
464	DHARMAPURI	0.0	0.5	-100	363.9	313.8	16
465	DINDIGUL	0.0	0.6	-100	545.3	459.0	19
466	ERODE	0.0	0.1	-100	485.3	306.7	58
688	KALLAKURICHI	0.0	1.3	-100	372.2	452.7	-18
467	KANCHEEPURAM	0.0	3.9	-100	800.5	587.5	36
468	KANYAKUMARI	0.0	1.4	-100	540.6	530.8	2
636	KARAIKAL	0.0	6.9	-100	709.9	1012.5	-30
469	KARUR	0.0	0.1	-100	324.1	312.5	4
470	KRISHNAGIRI	0.0	0.6	-100	381.2	278.0	37
471	MADURAI	0.0	0.4	-100	438.4	369.7	19
695	MAYILADUTHURAI	0.0	2.2	-100	929.8	886.0	5
472	NAGAPATTINAM	0.0	4.3	-100	639.2	932.6	-31
473	NAMAKKAL	0.0	0.2	-100	378.9	269.8	40
474	NILGIRIS	0.0	0.8	-100	434.2	499.4	-13
475	PERAMBALUR	0.0	0.9	-100	364.1	430.5	-15
476	PUDUCHERRY	0.0	0.8	-100	667.6	829.5	-20
477	PUDUKKOTTAI	0.0	0.5	-100	311.3	384.8	-19
478	RAMANATHAPURAM	0.0	0.6	-100	383.5	530.4	-28
689	RANIPET	0.0	2.2	-100	441.7	404.2	9
479	SALEM	0.0	0.3	-100	361.1	330.5	9
480	SIVAGANGA	0.0	0.4	-100	383.5	422.1	-9
690	TENKASI	0.0	1.6	-100	420.4	464.4	-9
481	THANJAVUR	0.0	0.9	-100	466.6	577.8	-19
482	THENI	0.0	0.7	-98	417.4	363.4	15
483	TIRUNELVELI	0.0	4.1	-100	417.8	513.5	-19
691	TIRUPATTUR	0.0	0.7	-100	412.0	265.3	55
535	TIRUPPUR	0.0	0.3	-100	391.4	305.3	28
484	TIRUVALLUR	0.0	3.8	-100	716.3	620.6	15
485	TIRUVANNAMALAI	0.0	2.1	-100	499.6	447.2	12
486	TIRUVARUR	0.0	1.2	-100	487.5	723.7	-33
488	TOOTHUKUDI	0.0	1.7	-99	308.9	440.8	-30
487	TRICHY	0.0	0.5	-100	290.7	378.1	-23
489	VELLORE	0.0	1.6	-100	332.4	373.8	-11
490	VILLUPURAM	0.0	2.4	-100	484.6	527.5	-8
491	VIRUDHUNAGAR	0.0	0.4	-100	414.9	397.4	4
	SUBDIVISION RAINFALL	0.0	1.1	-100	445.6	441.8	1
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0630 hrs of date					

NE Monsoon Rainfall 2022 for Tamilnadu and Puducherry
 From 01.10.2022 to 30.12.2022 Actual: 445.6 (mm) Normal: 441.8 (mm)
 Departure from Normal : (+) 1 %



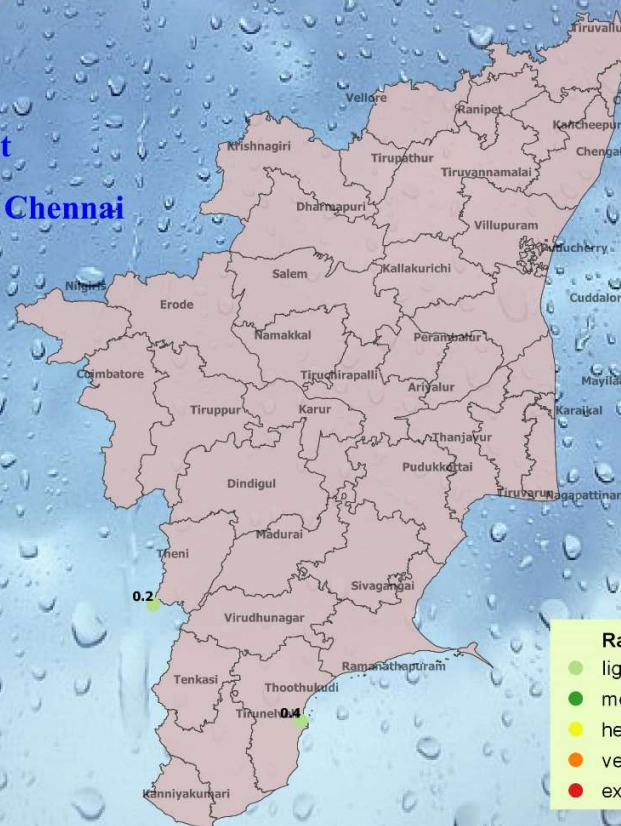
**Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 30/12/2022)**



India Meteorological Department

Regional Meteorological Centre, Chennai

Date : 30/12/2022



Rainfall (mm)

- light rain (0.1 - 15.6)
- moderate rain (15.6 - 64.5)
- heavy rain (64.5 - 115.6)
- very heavy rain (115.6 - 204.5)
- extremely heavy rain (>204.5)



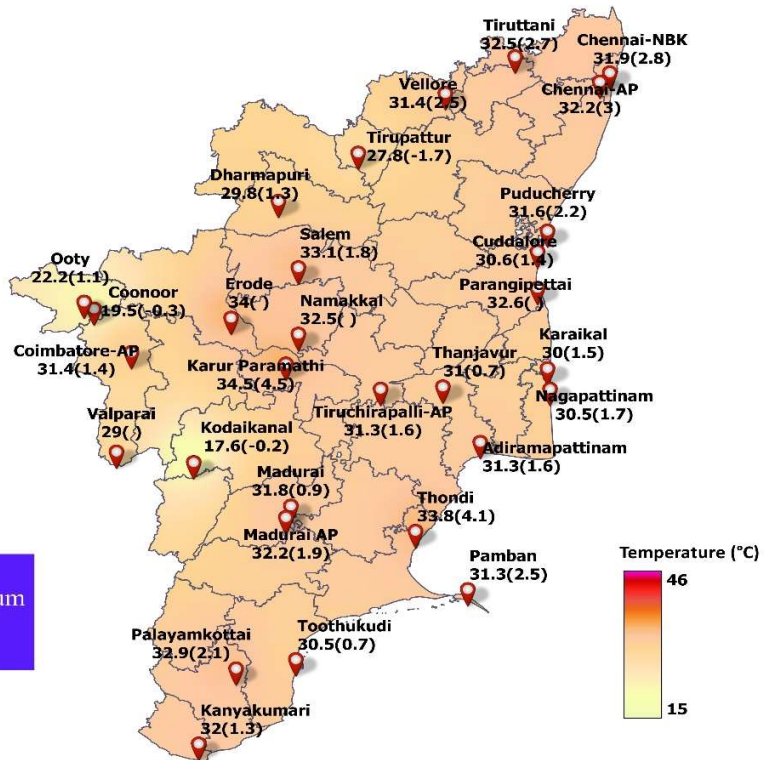
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 30/12/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 30/12/2022

The highest temperature recorded : 34.5°C
Place : Karur Paramathi

N.B. The departure from normal maximum temperature is given in brackets.



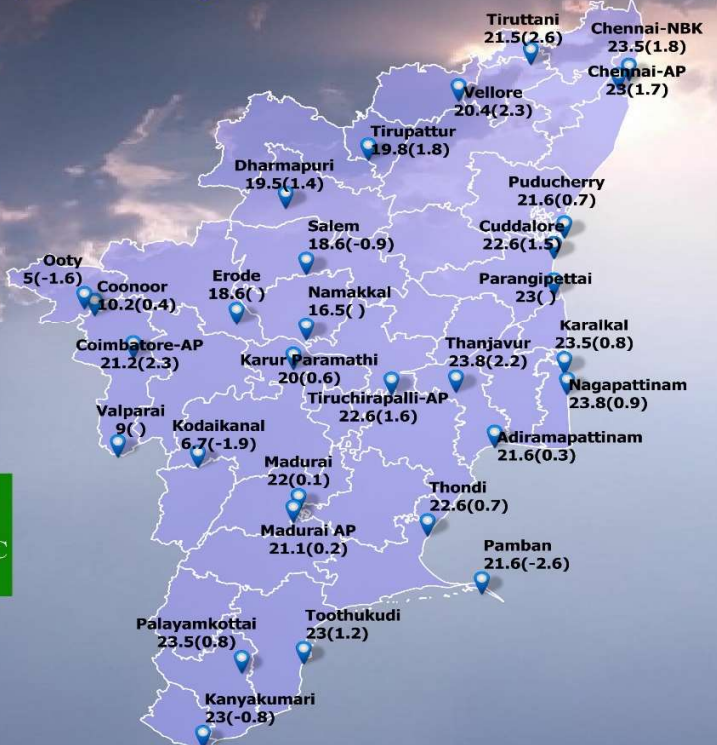
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 30/12/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 30/12/2022

The lowest temperature recorded in the plains : 16.5° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 5° C
Place : Ooty

N.B. The departure from normal minimum temperature is given in brackets.



Legends:

North Tamil Nadu (NTN) districts	Chennai, Kancheepuram, Chengalpattu, Tiruvallur, Cuddalore, Villupuram, Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur.
South Tamil Nadu (STN) districts	Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram, Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari.
Interior Tamil Nadu (ITN) districts	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
North interior Tamil Nadu (NITN) districts	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur.
South interior Tamil Nadu (SITN) districts	Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
Coastal Tamil Nadu (CTN) districts	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
North Coastal Tamil Nadu (NCTN) districts	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai.
South Coastal Tamil Nadu (SCTN) districts	Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
Delta Districts	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and Karaikal area.
Delta and Adjoining districts	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Karaikal and Tiruchirapalli, Perambalur, Ariyalur, Cuddalore.
Western Ghat districts	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar
PDC	Puducherry and Karaikal

For more details visit www.mausam.imd.gov.in/chennai