



**இந்திய அரசு**  
இந்திய வானிலை ஆய்வு துறை  
மண்டல வானிலை ஆய்வு மையம்  
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சென்னை-600006  
தொலைபேசி : 044- 28271951



**GOVERNMENT OF INDIA**  
INDIA METEOROLOGICAL DEPARTMENT  
Regional Meteorological Centre  
No. 6, College Road,  
Chennai-600006  
Phone: 044- 28271951

**DATE: Wednesday, April 17, 2024 (28 Chaitra 1946)**

**Time of issue: 1300 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 one or two places over South Tamilnadu. Dry weather prevailed over North Tamilnadu, Puducherry and Karaikal area.

**CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:**

Servalar Dam (dist Tirunelveli), Tenkasi AWS (dist Tenkasi) 1 each.

**DESCRIPTION OF TEMPERATURE:**

During the 24-hr ending 08:30 IST of today (17.04.2024), the maximum temperatures over Tamilnadu were above normal at a few pockets over Tamilnadu, Puducherry & Karaikal area.

They were 37°C to 40°C over the plains of north interior Tamilnadu, 33°C to 37°C over the north coastal areas and plains of south Tamilnadu, Puducherry & Karaikal and 20°C to 30°C over the hilly areas.

Highest maximum temperature was recorded over Erode: 40.4°C (+2.6°C) followed by Salem: 39.5°C (+1.7°C).

Chennai recorded normal- above normal maximum temperatures (MBK: 37.6°C and NBK: 35.7°C).

**MAXIMUM TEMPERATURE (24 HOURS CHANGE):**

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	-----
Appreciable fall (-2.1 ° C to -4.0° C)	-----
Markedly fall (-4.1° C or less)	-----
No large change (-2.1° C to 2.0° C)	Over the entire subdivision.

**MAXIMUM TEMPERATURE (DEPARTURE):**

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	Over Nilgiris district.
Above normal (1.6° C to 3.0° C)	Over Chennai, Dharmapuri, Erode, Karur, Salem, Thirupattur, Ramanathapuram and Coimbatore districts.
Below normal (-1.6 ° to -3.0 ° C)	-----
Appreciably below normal	-----

(-3.1 to -5.0°C)	
<b>Markedly below normal</b> (-5.1 or less)	-----
<b>Normal</b> (-1.5° C to 1.5° C)	Over the rest of the subdivision.

**Namakkal** recorded the lowest minimum temperature of **21.0°C** in the plains of the region.

#### **MINIMUM TEMPERATURE (24 HOURS CHANGE):**

<b>Markedly rise</b> (4.1° c or more)	-----
<b>Appreciable rise</b> (2.1 ° C to 4.0°)	Over Nilgiris district.
<b>Appreciable fall</b> (-2.1° C to -4.0°)	-----
<b>Markedly fall</b> (-4.1° C or less)	-----
<b>No large change</b> (-2.0° C to 2.0° C)	Over the rest of the subdivision.

#### **MINIMUM TEMPERATURE (DEPARTURE):**

<b>Markedly above normal</b> (5.0 ° C or more)	-----
<b>Appreciably above Normal</b> (3.1° C to 5.0 ° C)	Over Nilgiris district.
<b>Above Normal</b> (1.6 °C to 3.0 °C)	Over Coimbatore and Thirupattur districts.
<b>Below normal</b> (-1.6 ° to -3.0 ° C)	Over Erode district.
<b>Appreciably below normal</b> (- 3.1° C to -5.0°C)	-----
<b>Markedly below normal</b> (- 5.0° C or less)	-----
<b>Normal</b> (-1.5° C to 1.5° C)	Over the rest of the subdivision.

#### **Synoptic Meteorological feature:**

A trough runs from Gulf of Mannar to south Telangana across Interior Tamil Nadu & Rayalaseema at 1.5 km above mean sea level.

Yesterday's trough from Marathwada to South Interior Karnataka now runs from south Vidarbha to South Interior Karnataka across Marathwada & North Interior Karnataka at 0.9 km above mean sea level.

Yesterday's cyclonic circulation over south Tamil Nadu & neighbourhood extending upto 1.5 km above mean sea level has also become less marked.

#### **FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS**

<b>Day 1 (17.04.2024)</b>	Light to Moderate rain is likely to occur at one or two places over South Tamilnadu, Western Ghats districts of North Tamilnadu. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
<b>Day 2 (18.04.2024)</b>	Light to Moderate rain with thunderstorm and lighting is likely to occur at one or two places over South Tamilnadu, Western Ghats districts of North Tamilnadu. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
<b>Day 3 (19.04.2024)</b>	Light to Moderate rain with thunderstorm and lighting is likely to occur at one or two places over Interior Tamilnadu.

	Dry weather is very likely to prevail over Coastal Tamilnadu, Puducherry and Karaikal area.
Day 4 (20.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (21.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 6 (22.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (23.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

#### THUNDERSTORM WARNING

Day 2 (18.04.2024) & Day 3 (19.04.2024)	Thunderstorm & lightning is likely to occur at one or two places over <b>Tamilnadu</b> .
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#### HEAT WAVE WARNING

Day 2 (18.04.2024) & Day 3 (19.04.2024)	Heat wave conditions are very likely to prevail at isolated pockets over <b>North Interior Tamilnadu</b> .
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#### TEMPERATURE FORECAST

Day 1 (17.04.2024) to Day 5 (21.04.2024)	<p><b>Maximum Temperature:</b> Gradual rise in maximum temperatures up to 2°C during the next three days and slight fall during the subsequent two days.</p> <p><b>Relative Humidity (17.04.2024 to 19.04.2024):</b> Humidity is likely to be about 30-50% in the afternoon hours and 40-70% during the rest of the day over the plains of interior districts; and 50-80% over the coastal areas during the next five days.</p>
Day 1 (17.04.2024)	<p>Maximum temperature is likely to be 2-3°C above normal at a few pockets over north Tamilnadu during the next two days.</p> <p>It is likely to be 37°C to 40°C at many pockets over the plains of the north interior districts; and 34°C to 38°C in most pockets over north coastal &amp; south Tamilnadu, Puducherry &amp; Karaikal during the next 2 days.</p>
Day 2 (18.04.2024) & Day 3 (19.04.2024)	<p>Maximum temperature is likely to be 3-5°C above normal at a few pockets over north interior Tamilnadu during 18.04.2024 &amp; 19.04.2024.</p> <p>It is likely to be 38-41°C at many pockets over the plains of the interior districts during 18.04.2024 &amp; 19.04.2024.</p>
Day 4 (20.04.2024) & Day 5 (21.04.2024)	Gradual fall in maximum temperatures upto 2°C is likely over interior Tamilnadu during 20.04.2024 & 21.04.2024.

### TEMPERATURE WARNING

Day 1 (17.04.2024)  
to  
Day 3 (19.04.2024)

Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over **Tamilnadu** during the next three days.

### LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

For next 24 hours

Sky condition is likely to be partly cloudy. Maximum temperature is likely to be **36-37 °C** and Minimum temperature is likely to be **26-27°C**.

For next 48 hours

Sky condition is likely to be partly cloudy. Maximum temperature is likely to be **37-38 °C** and Minimum temperature is likely to be **26-27°C**.

**P. SENTHAMARAI KANNAN,**  
**SCIENTIST 'F'**

**For Deputy Director General of Meteorology,**  
**Regional Meteorological Centre, Chennai**

## OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:17-04-2024 (28 Chaitra 1946 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	1-3-2024	mm	
Adiramapattinam	35.7	1.3	26.5	-0.2	76	0	0.0	17.7	-35.9	5	124	
Chennai	35.7	0.9	27.5	0.3	77	2	0.0	0.0	-12.6	7	140	
Chennai_AP	37.6	1.6	26.0	-0.5	76	4	0.0	0.0	-18.8	8	138	z*
Coimbatore_AP	37.4	1.1	25.8	1.7	53	-22	0.0	0.0	-25.9	2	59	z*
Coonoor	24.0	-0.6	15.2	-0.2	85	10	0.0	184.6	36.3	33	159	
Cuddalore	35.4	0.9	26.6	0.5	84	9	0.0	0.0	-25.4	15	134	
Dharmapuri	39.3	2.4	24.0	-0.1	64	-4	0.0	0.0	-41.9	1	91	
Erode	40.4	2.6	21.5	-1.6	72	8	0.0	0.0	--	1	--	
Kanyakumari	34.0	0.8	27.2	0.9	66	-7	0.0	82.1	21.9	9	75	
KarurParamathi	39.0	1.7	24.5	-0.8	72	-1	0.0	0.0	-28.5	2	59	
Karaikal	33.6	-0.6	27.2	0.7	75	-2	0.0	2.0	-36.7	24	150	
Kodaikanal	20.4	-0.6	11.4	-0.8	37	-33	0.0	34.3	-92.6	12	158	
Madurai_City	37.4	0.9	25.0	0.3	74	1	0.0	12.9	--	2	--	
Madurai_AP	36.6	-1.1	26.5	0.7	70	3	tr	16.2	-28.9	3	85	d*
Nagapattinam	34.6	0.5	26.2	-0.3	80	2	0.0	0.5	-39.4	29	143	
Namakkal	38.0	--	21.0	--	NA	--	0.0	0.0	--	1	--	
Palayamkottai	35.1	-1.5	26.2	0.6	71	-7	0.0	2.0	-76.6	5	73	
Pamban	35.2	0.7	27.0	-0.5	84	9	0.0	51.7	5.2	12	91	
Parangipettai	34.9	--	25.6	--	74	--	0.0	0.0	-36.0	14	139	
Puducherry	35.4	0.8	26.9	0.4	83	6	0.0	0.0	-29.5	18	134	
Salem	39.5	1.7	26.0	0.6	68	-2	0.0	2.2	-33.1	Tr	102	z*
Thanjavur	37.5	--	27.4	--	74	--	0.0	1.0	-18.5	6	95	
Thirupattur	38.8	1.6	26.2	1.7	55	-16	0.0	0.0	-23.5	Tr	95	
Tiruchirappalli_AP	38.7	0.7	27.0	0.6	70	0	0.0	0.0	-27.2	1	87	z*
Tiruthani	38.4	1.1	24.8	-0.2	59	-10	0.0	0.0	-21.2	3	101	
Tondi	36.0	2.1	26.6	-0.3	81	5	0.0	17.8	-41.5	4	88	
Thoothukudi	33.3	-0.2	26.9	1.1	78	-1	0.0	--	--	--	63	
Udagamandalam	27.4	4.8	14.9	3.9	69	0	0.0	0.0	-62.5	5	116	
Valparai	30.0	1.7	16.0	-0.8	91	4	0.0	35.2	-62.1	13	290	
Vellore	38.6	0.1	25.1	0.1	59	-15	0.0	0.0	-27.7	2	103	

\*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

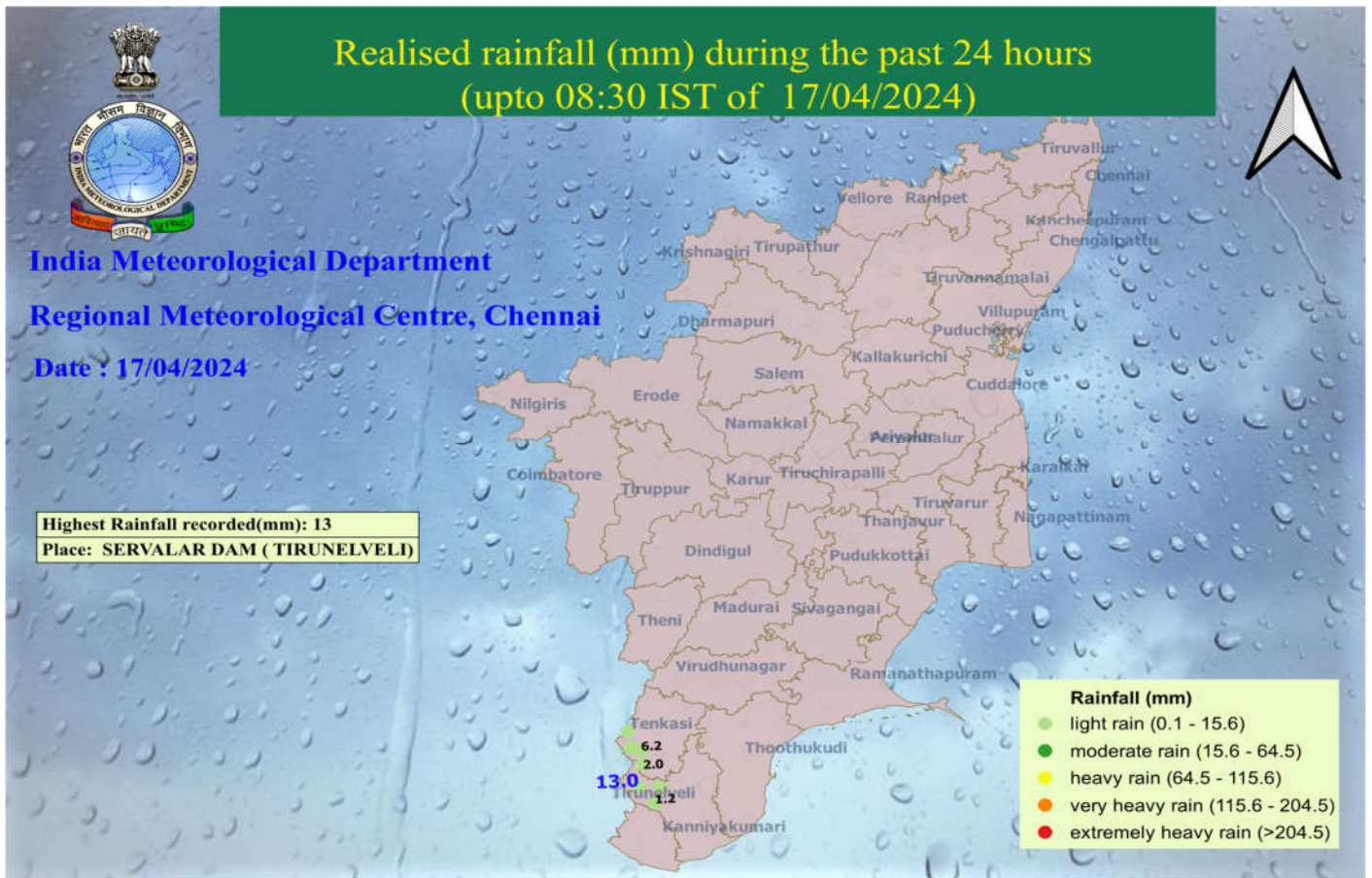
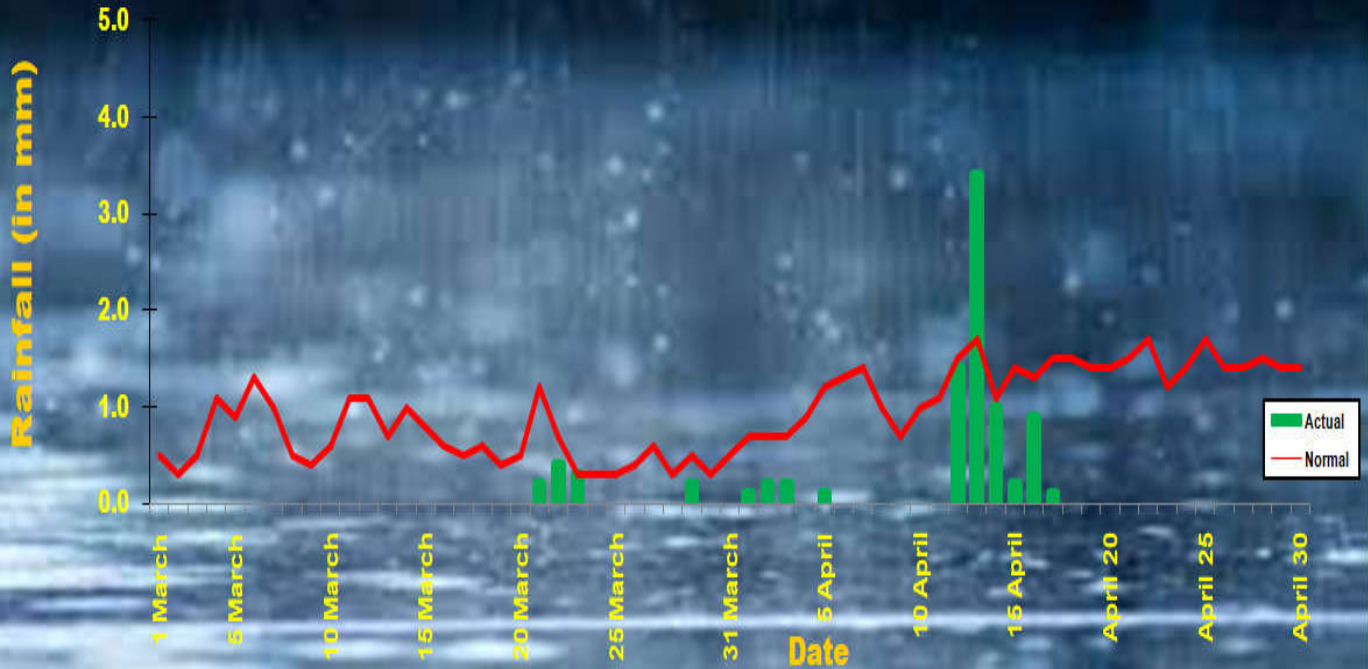
## INDIA METEOROLOGICAL DEPARTMENT

## REGIONAL METEOROLOGICAL CENTRE, CHENNAI

## Districtwise daily / seasonal rainfall distribution for Tamil Nadu &amp; Puducherry

PRE-MONSOON RAINFALL 2024		17.04.2024			From 01.03.2024 to 17.04.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.1	1.5	-96	8.8	39.1	-78
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.6	-100	1.9	19.2	-90
687	CHENGALPATTU	0.0	0.1	-100	0.0	14.2	-100
461	CHENNAI	0.0	0.1	-100	0.0	11.8	-100
462	COIMBATORE	0.0	2.7	-100	4.6	49.4	-91
463	CUDDALORE	0.0	0.5	-100	0.0	27.1	-100
464	DHARMAPURI	0.0	2.3	-100	0.0	36.2	-100
465	DINDIGUL	0.0	2.7	-100	12.7	55.1	-77
466	ERODE	0.0	2.6	-100	0.9	40.7	-98
688	KALLAKURICHI	0.0	0.6	-100	0.0	18.4	-100
467	KANCHEEPURAM	0.0	0.1	-100	0.0	13.6	-100
468	KANYAKUMARI	0.0	3.5	-100	36.7	98.9	-63
636	KARAIKAL	0.0	0.1	-100	2.0	38.7	-95
469	KARUR	0.0	1.3	-100	0.0	28.2	-100
470	KRISHNAGIRI	0.0	1.7	-100	0.0	31.4	-100
471	MADURAI	0.0	1.5	-100	16.8	47.2	-64
695	MAYILADUTHURAI	0.0	0.6	-100	0.0	32.1	-100
472	NAGAPATTINAM	0.0	0.5	-100	17.0	39.5	-57
473	NAMAKKAL	0.0	1.3	-100	0.0	30.7	-100
474	NILGIRIS	0.0	2.4	-100	30.6	72.1	-58
475	PERAMBALUR	0.0	1.7	-100	0.0	19.2	-100
476	PUDUCHERRY	0.0	0.0	-100	0.0	29.5	-100
477	PUDUKKOTTAI	0.0	0.5	-100	8.3	26.9	-69
478	RAMANATHAPURAM	0.0	1.0	-100	14.5	51.3	-72
689	RANIPET	0.0	0.8	-100	0.0	16.8	-100
479	SALEM	0.0	2.2	-100	0.1	38.1	-99
480	SIVAGANGA	0.0	1.1	-100	6.4	44.9	-86
690	TENKASI	1.3	3.2	-59	30.0	96.1	-69
481	THANJAVUR	0.0	0.7	-100	10.1	30.5	-67
482	THENI	0.0	3.8	-100	17.6	66.6	-74
483	TIRUNELVELI	0.9	0.7	27	69.3	75.9	-9
691	TIRUPATTUR	0.0	0.8	-100	0.0	21.6	-100
535	TIRUPPUR	0.0	1.0	-100	0.0	30.6	-100
484	TIRUVALLUR	0.0	0.4	-100	0.3	16.2	-98
485	TIRUVANNAMALAI	0.0	1.4	-100	0.0	21.3	-100
486	TIRUVARUR	0.0	0.8	-100	6.5	33.4	-81
488	TOOTHUKUDI	0.0	0.8	-100	14.9	60.9	-76
487	TRICHY	0.0	1.4	-100	3.0	25.4	-88
489	VELLORE	0.0	2.0	-100	0.0	23.4	-100
490	VILLUPURAM	0.0	0.3	-100	0.0	13.6	-100
491	VIRUDHUNAGAR	0.0	2.0	-100	31.7	58.7	-46
	SUBDIVISION RAINFALL	0.1	1.5	-96	8.7	39.1	-78
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0630 hrs of date					

# **Premonsoon Rainfall 2024 for Tamilnadu and Puducherry** **From 01.03.2024 to To 17.04.2024 : Actual: 8.7 (mm) Normal: 39.1 (mm)** **Departure from Normal : (-) 78 %**





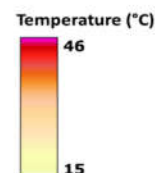
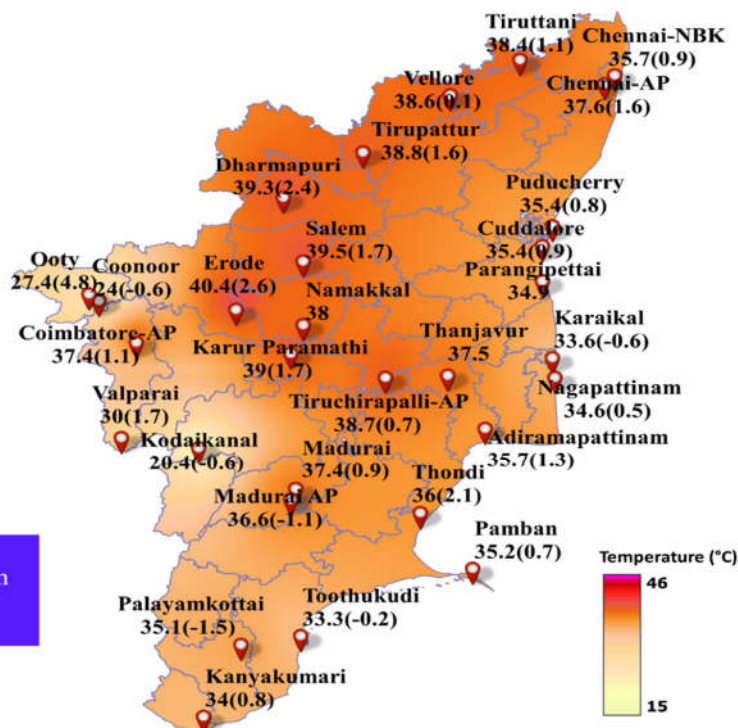
## Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 17/04/2024) and its departure from normal(°C)



India Meteorological Department  
Regional Meteorological Centre, Chennai  
Date: 17/04/2024

The highest temperature recorded : 40.4°C  
Place : Erode

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



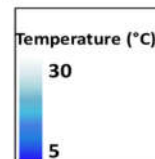
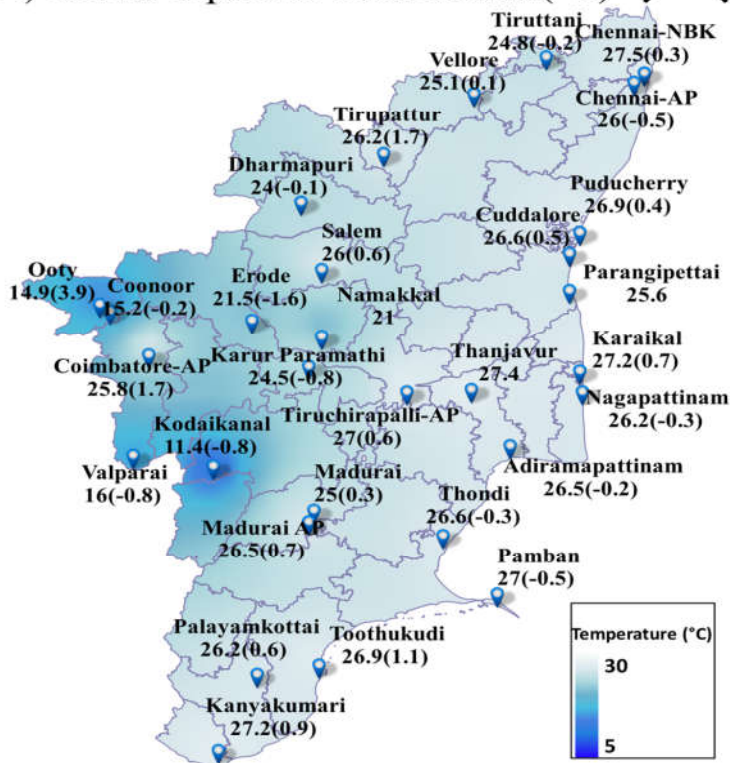
## Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 17/04/2024) and its departure from normal(°C)



India Meteorological Department  
Regional Meteorological Centre, Chennai  
Date : 17/04/2024

The lowest temperature recorded in the plains : 21° C  
Place : Namakkal  
The lowest temperature recorded in the hilly region : 11.4° C  
Place : Kodaikanal

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



**Legends:**

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

For more details visit [www.mausam.imd.gov.in/chennai](http://www.mausam.imd.gov.in/chennai)