



இந்திய அரசு
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
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DATE: Thursday, April 11, 2024 (22 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:

Dry weather prevailed over Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Nil

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (11.04.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal by 2-4°C** over a few pockets in the plains of the north interior and south Tamilnadu. They were normal to above normal (1-3°C above normal) over the coastal areas of Tamilnadu and near normal over Puducherry & Karaikal areas.

Highest maximum temperature was recorded at **Tirupattur: 41.8°C (+4.7°C)** followed by **Salem: 40.1°C (+2.3°C)**. Plains of the rest of interior Tamilnadu recorded 37-40°C.

The **coastal areas** of Tamilnadu recorded 33°C to 37°C and the **hilly areas**, 21°C to 31°C (appreciably above normal maximum temperatures at isolated pockets).

Chennai recorded normal maximum temperature (**MBK: 35.5°C and NBK: 34.4°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 Thanjavur, Thirupattur and Nilgiris districts.
Above normal (1.6° C to 3.0° C)	Over Dharmapuri, Erode, Kanyakumari, Karur, Madurai, Tirunelveli, Salem, Ramanathapuram and Coimbatore districts.
Below normal (-1.6 ° to -3.0 ° C)	-----
Appreciably below normal (-3.1 to -5.0°C)	-----
Markedly below normal (-5.1 or less)	-----
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Namakkal recorded the lowest minimum temperature of 19.0°C in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

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

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.0 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Kanyakumari and Tirunelveli districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Erode and Karur districts.
Appreciably below normal (- 3.1° C to -5.0°C)	-----
Markedly below normal (- 5.0° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's trough/wind discontinuity from cyclonic circulation over southeast Rajasthan to northern parts of Coastal Karnataka now runs from cyclonic circulation over southwest Rajasthan and neighbourhood to Coastal Karnataka across Gujarat & Konkan at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (11.04.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over South Tamilnadu. Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over North Tamilnadu, Puducherry & Karaikal area.
Day 2 (12.04.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area.
Day 3 (13.04.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over South Tamilnadu. Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over North Tamilnadu, Puducherry & Karaikal area.
Day 4 (14.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (15.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 6 (16.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

Day 7 (17.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
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THUNDERSTORM WARNING

Day 1 (11.04.2024) to Day 3 (13.04.2024)	Thunderstorm & lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
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TEMPERATURE FORECAST

Day 1 (11.04.2024) to Day 5 (15.04.2024)	Maximum Temperature: No large change in maximum temperature is likely over Tamilnadu, Puducherry & Karaikal area during the next five days.
Day 1 (11.04.2024)	Maximum temperature is likely to be 2-3°C above normal at a few pockets over north Tamilnadu and near normal over Puducherry & Karaikal. It is likely to be 37°C to 40°C at many pockets over the plains of the interior districts; and 33°C to 37°C over most pockets in the coastal areas of Tamilnadu, Puducherry & Karaikal.
Day 1 (11.04.2024)	Relative Humidity: 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 24 hours.

TEMPERATURE WARNING

Day 1 (11.04.2024)	Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over Tamilnadu during the next 24 hours.
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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 35°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 35°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:11-04-2024 (22 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	1-1-2024	cm	
Adiramapattinam	37.3	3.1	26.1	-0.3	76	0	0.0	4.4	-37.9	4	124	
Chennai	34.4	-0.1	27.5	0.9	66	-10	0.0	0.0	-9.9	7	140	
Chennai_AP	35.5	-0.1	26.1	0.1	67	-8	0.0	0.0	-13.1	8	138	
Coimbatore_AP	37.5	1.1	25.4	1.4	62	-14	0.0	0.0	-19.8	2	59	z*
Coonor	25.0	0.7	14.5	-0.5	70	-5	0.0	3.8	-126.8	15	159	
Cuddalore	34.2	-0.1	27.0	1.2	82	6	0.0	0.0	-23.6	15	134	
Dharmapuri	38.5	1.8	23.0	-0.7	60	-8	0.0	0.0	-33.1	1	91	
Erode	39.6	2.0	20.5	-2.4	67	3	0.0	0.0	--	1	--	
Kanyakumari	35.0	2.0	28.0	2.0	77	3	0.0	62.0	14.6	7	75	
KarurParamathi	39.5	2.8	23.0	-1.9	80	7	0.0	0.0	-22.2	2	59	
Karaikal	33.7	-0.2	27.1	0.8	88	11	0.0	0.0	-30.2	23	150	
Kodaikanal	21.3	0.4	12.1	0.2	57	-9	0.0	4.5	-100.4	9	158	
Madurai_City	38.2	2.1	25.2	1.0	56	-18	0.0	0.8	--	1	--	
Madurai_AP	38.2	1.0	26.5	0.9	63	-6	0.0	0.0	-32.2	1	85	
Nagapattinam	34.1	0.4	26.2	-0.1	74	-4	0.0	0.5	-31.5	29	143	
Namakkal	38.5	--	19.0	--	NA	--	0.0	0.0	--	1	--	
Palayamkottai	37.7	2.3	27.9	2.6	62	-16	0.0	0.0	-61.9	5	73	
Pamban	35.3	1.1	28.4	1.3	74	-1	0.0	36.6	2.1	11	91	
Parangipettai	34.1	--	25.6	--	83	--	0.0	0.0	-30.9	14	139	
Puducherry	34.3	0.0	26.6	0.6	81	2	0.0	0.0	-25.7	18	134	
Salem	40.1	2.3	24.4	-0.7	67	-3	0.0	2.2	-22.9	Tr	102	z*
Thanjavur	36.0	--	27.4	--	71	--	0.0	0.0	-15.3	6	95	
Thirupattur	41.8	4.7	23.4	-0.6	41	-28	0.0	0.0	-16.5	Tr	95	
Tiruchirappalli_AP	37.9	0.2	26.0	-0.1	67	-5	0.0	0.0	-19.1	1	87	m*
Tiruthani	37.5	0.5	25.0	0.5	69	-2	0.0	0.0	-15.4	3	101	
Tondi	36.1	2.4	26.5	-0.5	74	-2	0.0	17.8	-31.5	4	88	
Thoothukudi	NA	--	NA	--	NA	--	NA	--	--	--	63	
Udagamandalam	27.1	4.9	12.2	1.5	65	-5	0.0	0.0	-45.7	5	116	
Valparai	31.0	2.9	16.5	-0.2	92	3	0.0	35.2	-45.1	13	290	
Vellore	37.6	-0.5	25.7	1.1	75	-1	0.0	0.0	-19.4	2	103	

*Weather at 0830 hours IST. Other remarks refer to preceding 24 hours. NA-Not avble D-Duststorm I-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

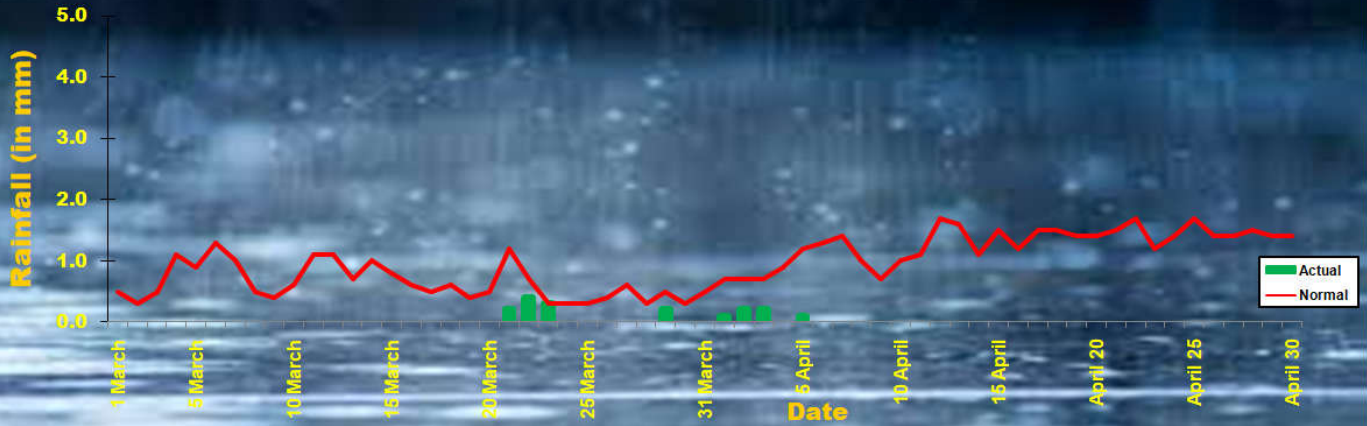
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

PRE-MONSOON RAINFALL 2024		11.04.2024			From 01.03.2024 to 11.04.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	1.1	-100	1.7	30.6	-94
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.1	-100	0.0	15.8	-100
687	CHEGALPATTU	0.0	0.1	-100	0.0	10.8	-100
461	CHENNAI	0.0	0.1	-100	0.0	9.0	-100
462	COIMBATORE	0.0	1.4	-100	3.4	37.4	-91
463	CUDDALORE	0.0	0.3	-100	0.0	23.2	-100
464	DHARMAPURI	0.0	1.2	-100	0.0	26.5	-100
465	DINDIGUL	0.0	1.9	-100	0.2	42.7	-99
466	ERODE	0.0	1.2	-100	0.0	29.9	-100
688	KALLAKURICHI	0.0	0.7	-100	0.0	14.5	-100
467	KANCHEEPURAM	0.0	0.0	-100	0.0	10.4	-100
468	KANYAKUMARI	0.0	3.3	-100	21.4	77.3	-72
636	KARAIKAL	0.0	0.6	-100	0.0	30.2	-100
469	KARUR	0.0	0.3	-100	0.0	20.7	-100
470	KRISHNAGIRI	0.0	0.8	-100	0.0	22.7	-100
471	MADURAI	0.0	1.1	-100	1.7	36.0	-95
695	MAYILADUTHURAI	0.0	0.7	-100	0.0	28.7	-100
472	NAGAPATTINAM	0.0	0.8	-100	17.0	33.3	-49
473	NAMAKKAL	0.0	0.6	-100	0.0	22.1	-100
474	NILGIRIS	0.0	1.9	-100	1.5	57.2	-97
475	PERAMBALUR	0.0	0.1	-100	0.0	14.5	-100
476	PUDUCHERRY	0.0	0.0	-100	0.0	25.7	-100
477	PUDUKKOTTAI	0.0	0.7	-100	3.6	21.0	-83
478	RAMANATHAPURAM	0.0	2.3	-100	6.1	41.4	-85
689	RANIPET	0.0	0.0	-100	0.0	13.1	-100
479	SALEM	0.0	0.8	-100	0.1	27.5	-99
480	SIVAGANGA	0.0	1.0	-100	1.2	34.0	-97
690	TENKASI	0.0	2.9	-100	2.7	81.0	-97
481	THANJAVUR	0.0	0.9	-100	0.5	24.4	-98
482	THENI	0.0	1.5	-100	3.6	52.2	-93
483	TIRUNELVELI	0.0	2.2	-100	7.1	64.6	-89
691	TIRUPATTUR	0.0	0.5	-100	0.0	15.9	-100
535	TIRUPPUR	0.0	0.5	-100	0.0	21.2	-100
484	TIRUVALLUR	0.0	0.1	-100	0.3	11.4	-97
485	TIRUVANNAMALAI	0.0	0.1	-100	0.0	16.3	-100
486	TIRUVARUR	0.0	0.8	-100	4.3	27.7	-85
488	TOOTHUKUDI	0.0	2.9	-100	6.9	51.7	-87
487	TRICHY	0.0	0.8	-100	0.0	18.6	-100
489	VELLORE	0.0	0.2	-100	0.0	18.0	-100
490	VILLUPURAM	0.0	0.0	-100	0.0	11.1	-100
491	VIRUDHUNAGAR	0.0	2.4	-100	0.2	48.2	-99
	SUBDIVISION RAINFALL	0.0	1.1	-100	1.7	30.6	-94
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

Premonsoon Rainfall 2024 for Tamilnadu and Puducherry
 From 01.03.2024 to To 11.04.2024 : Actual: 1.7 (mm) Normal: 30.6 (mm)
 Departure from Normal : (-) 94 %



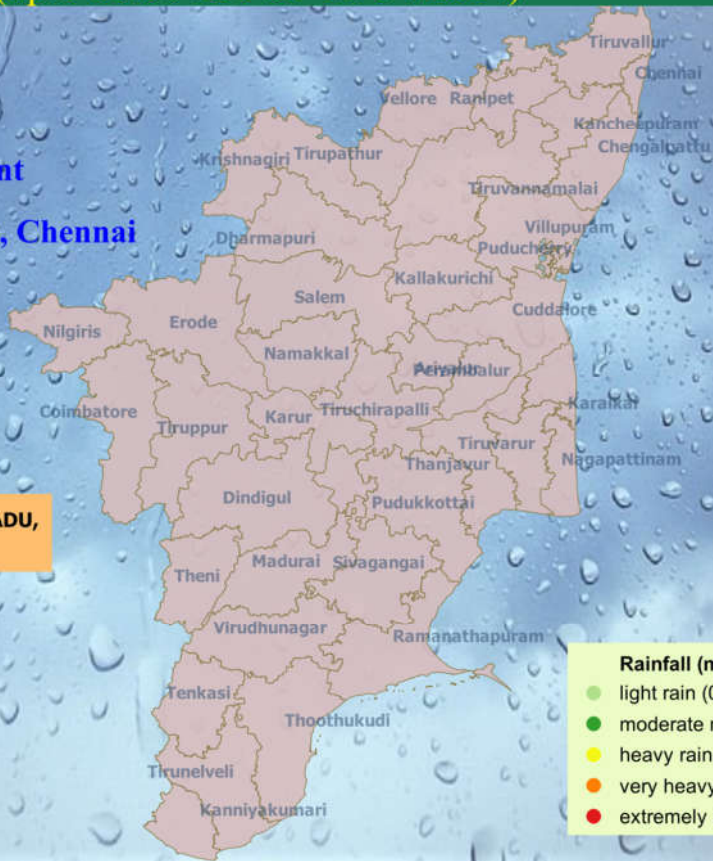
Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 11/04/2024)



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 11/04/2024



DRY WEATHER PREVAILED OVER TAMIL NADU, PUDUCHERRY AND KARAİKAL AREA



- 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)



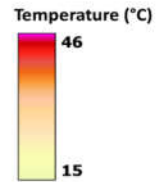
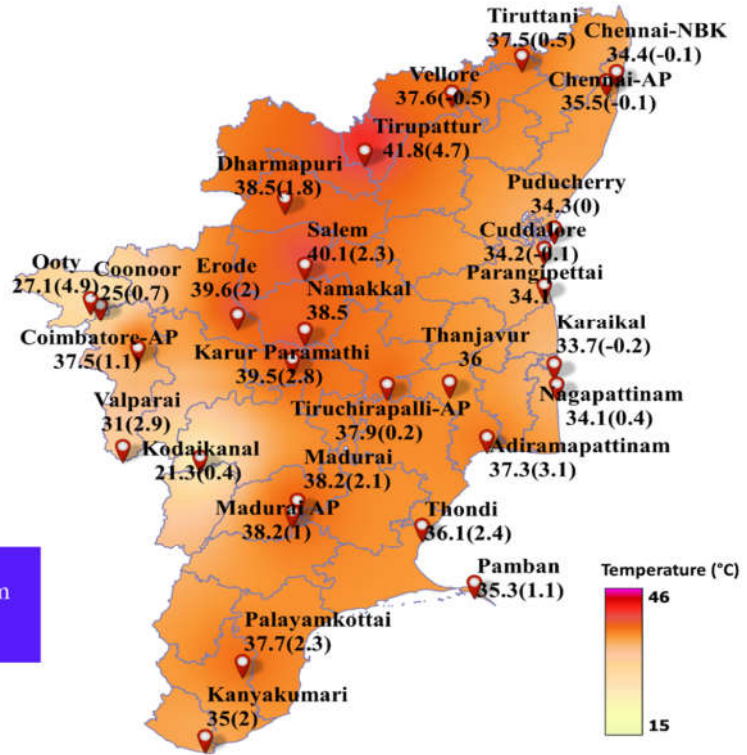
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 11/04/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 11/04/2024

The highest temperature recorded : 41.8°C
Place : Tirupattur

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



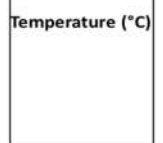
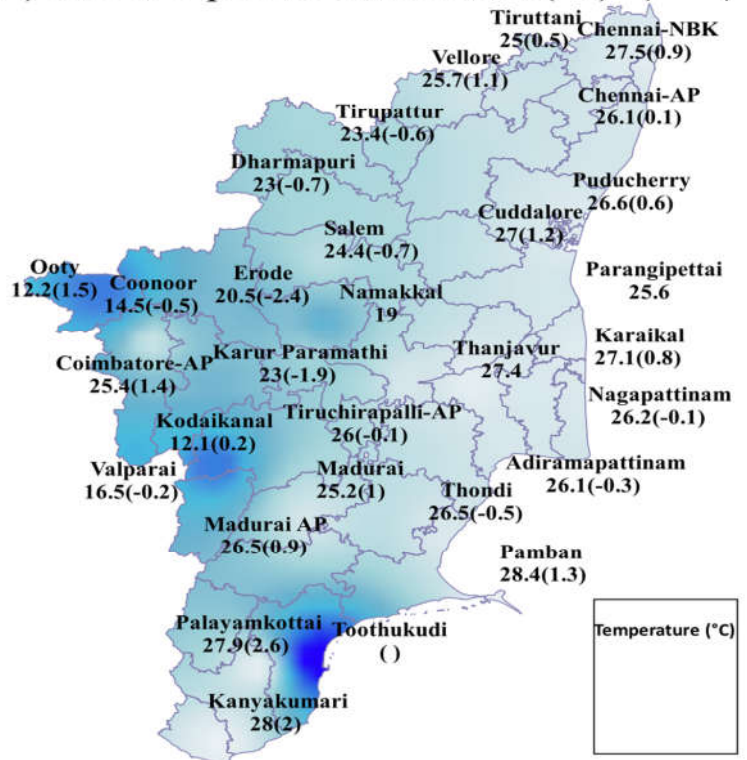
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 11/04/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 11/04/2024

The lowest temperature recorded in the plains : 19° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 12.1° C
Place : Kodaikanal

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 and 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