

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை
சென்னை - 600006
தொலைபேசி : 044- 28271951



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
6, College Road
Chennai-600006
Phone: 044- 28271951

DATE: Wednesday, February 8, 2023 (19 Magha 1944)

Time of issue: 1200 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:

Erode recorded highest maximum temperature of 36.6 °C in the state.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0°)	over Karur, Madurai and Tiruchirapalli districts.
Appreciable fall (-2.1 ° C to -4.0°)	-----
Markedly fall (-4.1° c or less)	-----
No large change (-2.1° C to 2.0° C)	Over rest of the subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	over Karur district.
Above normal (1.6° C to 3.0° C)	over Chennai, Coimbatore, Nilgiris, Madurai districts and Puducherry.
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 rest of the subdivision.

Namakkal recorded the lowest minimum temperature of 17.0 °C in the plains of the state.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly fall (-4.1° C or less)	-----
Appreciable fall (-2.1° C to -4.0°)	-----
Appreciable rise (2.1 ° C to 4.0°)	over Coimbatore, Karur and Madurai districts
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 Vellore and Nilgiris districts
Below normal (-1.6 ° to -3.0 ° C)	Over Kanyakumari, Ramanathapuram and Salem districts.
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:

Light to moderate Easterlies/Northeasterlies prevail over the region in the lower tropospheric levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1 (08-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 2 (09-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 3 (10-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 4 (11-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 5 (12-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and 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 31°C and 21-22°C respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Maximum and minimum temperature is likely to be around 31°C and 21-22°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:08-02-2023 (19 Magha 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	1-1-2023	mm	
Adiramapatinam	32.1	0.7	21.1	0	93	8	0	120.3	79.7	12	124	1
Chennai	30.0	-0.5	21.4	-0.4	90	9	0	4.9	-15.7	1	140	m*
Chennai_AP	32.3	1.6	21.0	-0.4	83	1	0	6	-20.9	1	138	m*
Coimbatore_AP	34.4	1.7	20.6	1.3	60	-17	0	2.8	0.2	Tr	59	z*
Coonoor	23.1	2.2	11.7	1.7	77	9	0	26.4	-22	3	159	
Cuddalore	30.2	0.1	21.7	0.9	96	12	0	17.7	-27.3	2	134	z*
Dharmapuri	32.5	0.9	19.0	0.8	82	9	0	2	-3.1	Tr	91	z*
Erode	36.6	--	17.8	--	90	--	0	1.2	--	Tr	--	
Kanyakumari	31.6	0	21.8	-1.9	75	6	0	10.6	-3.6	1	75	
KarurParamathi	36.0	3.5	21.0	1.2	91	10	0	13.2	5.5	1	59	
Karaikal	28.9	-0.7	21.4	-1.4	91	10	0	128.3	67.9	13	150	
Kodaikanal	19.6	0.9	8.0	-0.6	82	18	0	49.9	11.3	5	158	
Madurai_AP	35.5	3	21.1	0.1	87	10	0	11.6	-7.8	1	85	m*
Madurai City	34.0	1.4	20.5	0.9	80	3	0	12.3	--	1	--	
Nagapattinam	29.8	0.4	21.5	-1.3	91	9	0	137.6	79.7	14	143	z*
Namakkal	34.0	--	17.0	--	--	--	0	3.0	--	Tr	--	
Palayamkottai	32.2	-0.4	23.1	0.5	67	-15	0	40	12.2	4	73	
Pamban	29.5	-0.4	22.0	-1.9	87	11	0	62.4	-2.5	6	91	
Parangipettai	31.5	--	20.7	--	98	--	0	68.1	22.7	7	139	
Puducherry	32.1	1.6	19.8	-1.3	98	12	0	9.6	-15.6	1	134	z*
Salem	35.1	1.3	18.0	-1.8	81	9	0	1.3	-1.2	Tr	102	z*
Thanjavur	32.0	-0.6	21.8	0.9	73	-13	0	44.7	28.3	5	95	
Thirupattur	32.8	0.1	19.4	1.3	95	17	0	0	-3.4	0	95	m*
Tiruchirappalli_AP	32.7	0.7	21.4	0.5	91	11	0	30.6	15.8	3	87	m*
Tiruthani	33.0	0.9	19.0	1	83	3	0	0	-13.2	0	101	z*
Tondi	30.5	0.3	21.8	-0.4	96	14	0	48.7	11.2	5	88	z*
Thoothukudi	30.0	-0.1	22.6	0.7	83	0	0	23	1.6	2	63	
Uthagamandalam	22.9	1.2	8.0	1.5	71	3	0	8	1	1	116	
Valparai	28.5	--	7.5	--	93	--	0	31.8	21.5	3	--	
Vellore	32.9	1	19.9	1.7	89	3	0	0	-11.3	0	103	z*

*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

WINTER-MONSOON RAINFALL 2022		08.02.2023			From 01.01.2023 to 08.02.2023		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	0.6	-100	20.4	15.5	32
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.3	-100	21.8	19.2	13
687	CHENGALPATTU	0.0	0.3	-100	2.5	15.6	-84
461	CHENNAI	0.0	0.2	-100	2.2	24.3	-91
462	COIMBATORE	0.0	0.3	-100	15.1	8.5	78
463	CUDDALORE	0.0	0.5	-100	28.2	29.6	-5
464	DHARMAPURI	0.0	0.2	-100	0.3	4.4	-94
465	DINDIGUL	0.0	0.8	-100	26.0	15.3	70
466	ERODE	0.0	0.3	-100	1.1	5.2	-80
688	KALLAKURICHI	0.0	0.6	-100	3.5	14.7	-76
467	KANCHEEPURAM	0.0	0.3	-100	1.8	12.8	-86
468	KANYAKUMARI	0.0	0.7	-100	15.9	20.3	-22
636	KARAIKAL	0.0	0.2	-100	128.3	60.4	112
469	KARUR	0.0	0.9	-100	17.1	6.1	181
470	KRISHNAGIRI	0.0	0.1	-100	0.2	3.0	-95
471	MADURAI	0.0	0.6	-100	14.1	12.7	11
695	MAYILADUTHURAI	0.0	0.3	-100	78.3	39.7	97
472	NAGAPATTINAM	0.0	0.1	-100	200.2	50.2	299
473	NAMAKKAL	0.0	0.8	-100	3.2	5.5	-42
474	NILGIRIS	0.0	0.8	-100	13.8	20.9	-34
475	PERAMBALUR	0.0	0.4	-100	13.2	11.5	15
476	PUDUCHERRY	0.0	1.0	-100	9.6	25.2	-62
477	PUDUKKOTTAI	0.0	0.6	-100	59.8	14.1	324
478	RAMANATHAPURAM	0.0	1.0	-100	36.0	35.7	1
689	RANIPET	0.0	0.3	-100	0.0	8.8	-100
479	SALEM	0.0	0.4	-100	7.0	5.1	37
480	SIVAGANGA	0.0	0.5	-100	35.7	16.7	114
690	TENKASI	0.0	1.8	-100	24.3	30.1	-19
481	THANJAVUR	0.0	0.7	-100	72.7	27.9	161
482	THENI	0.0	0.6	-100	14.1	16.2	-13
483	TIRUNELVELI	0.0	0.8	-100	41.6	36.3	14
691	TIRUPATTUR	0.0	0.2	-100	0.0	3.9	-100
535	TIRUPPUR	0.0	0.6	-100	8.2	5.2	57
484	TIRUVALLUR	0.0	0.4	-100	1.4	15.7	-91
485	TIRUVANNAMALAI	0.0	0.8	-100	0.3	11.7	-98
486	TIRUVARUR	0.0	0.7	-100	97.2	34.6	181
488	TOOTHUKUDI	0.0	1.5	-100	21.7	21.5	1
487	TRICHY	0.0	0.4	-100	21.2	10.1	110
489	VELLORE	0.0	0.4	-100	1.5	7.6	-80
490	VILLUPURAM	0.0	0.4	-100	0.4	13.4	-97
491	VIRUDHUNAGAR	0.0	0.9	-100	15.9	18.9	-16
	SUBDIVISION RAINFALL	0.0	0.6	-100	20.5	15.5	33
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0630 hrs of date					



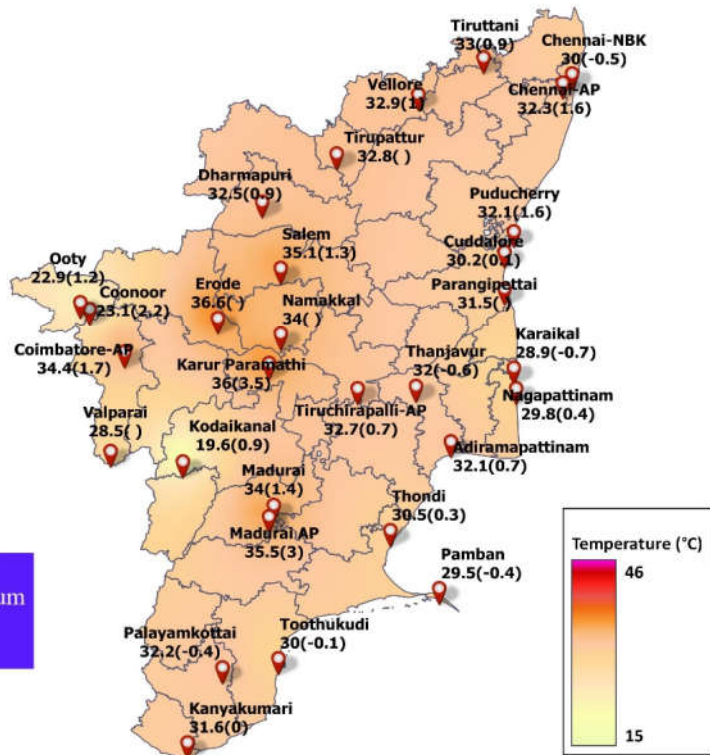
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 08/02/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 08/02/2023

The highest temperature recorded : 36.6°C
Place : Erode

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



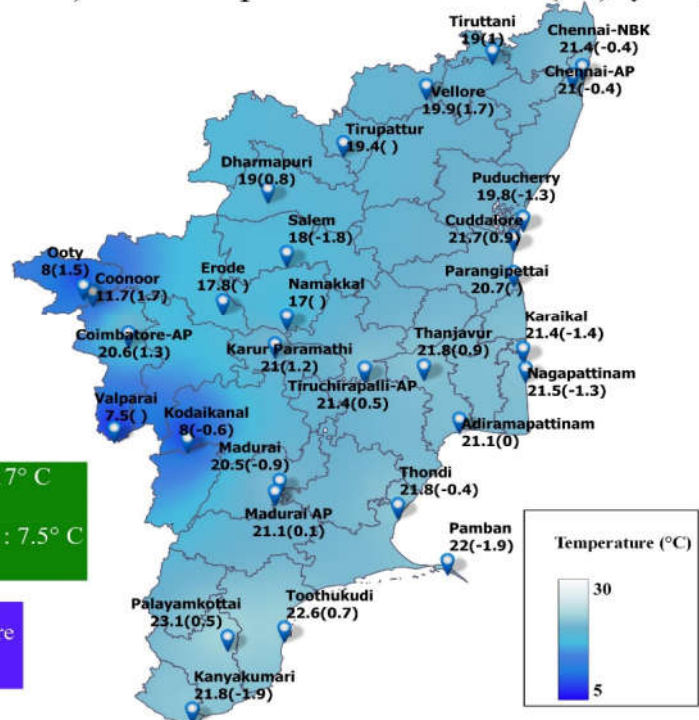
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 08/02/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 08/02/2023

The lowest temperature recorded in the plains : 17°C
Place : Namakkal
The lowest temperature recorded in the hilly region : 7.5°C
Place : Valparai

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





**Realised rainfall (mm) during the past 24 hours
(upto 08:30 IST of 08/02/2023)**

India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 08/02/2023

NIL Rainfall over TamilNadu



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)

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