



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
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951

DATE: Thursday, June 13, 2024 (23 Jyaistha 1946)

Time of issue: 1330 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 Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Avadi (dist Tiruvallur) 6, Zone 02 Manali (dist Chennai), Zone 06 T.V.K Nagar (dist Chennai) 5 each, Zone 05 Royapuram (dist Chennai), Zone 03 Puzhal (dist Chennai), Zone 08 Malar Colony (dist Chennai), Perambur (dist Chennai), Zone 05 GCC (dist Chennai), Zone 01 Thiruvottiyur (dist Chennai) 4 each, Cholvaram (dist Tiruvallur), Zone 07 U18 D81 Vanagaram (dist Chennai), Zone 03 Madhavaram (dist Chennai), Good Will School Villivakkam ARG (dist Tiruvallur), Chennai Collector Office (dist Chennai), Tiruvallur (dist Tiruvallur), Zone 10 Kodambakkam (dist Chennai), Chennai (N) (dist Chennai), Red Hills (dist Tiruvallur), Zone 06 D65 Kolathur (dist Chennai), Ayanavaram Taluk Office (dist Chennai), Zone 08 Anna Nagar (dist Chennai) 3 each, Zone 01 Kathivakkam (dist Chennai), Thamaraiyakkam (dist Tiruvallur), Sivalogam (dist Kanniyakumari), Zone 09 Teynampet (dist Chennai), Poondi (dist Tiruvallur), Zone 04 Tondiarpet (dist Chennai), Zone 09 Ice House (dist Chennai), Chennai (N) AWS (dist Chennai), Zone 12 D156 Mugalivakkam (dist Chennai), Gummidipoondi (dist Tiruvallur), Tiruttani (dist Tiruvallur), Danishpet (dist Salem), Nagercoil (dist Kanniyakumari), Alangudi (dist Pudukkottai) 2 each, Thiruvallangadu (dist Tiruvallur), Arakonam (dist Ranipet), Tirur KVK AWS (dist Tiruvallur), Valparai PTO (dist Coimbatore), MGR Nagar (dist Chennai), Zone 07 Ambattur (dist Chennai), DGP Office (dist Chennai), Perunchani Dam (dist Kanniyakumari), Sholayar (dist Coimbatore), ACS Medical College ARG (dist Kancheepuram), Kundrathur (dist Kancheepuram), Ponneri (dist Tiruvallur), Puthan Dam (dist Kanniyakumari), Zone 3 Adyar (dist Chennai), Zone 2 Meenambakkam (dist Chennai), Poonamalle ARG (dist Tiruvallur), Chembambakkam ARG (dist Kancheepuram), Cincona (dist Coimbatore), Tiruttani PTO (dist Tiruvallur), Zone 2 Alandhur (dist Chennai) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (**13.06.2024**), the maximum temperatures were **generally below normal to near normal / above normal at one or two places** over Tamilnadu, Puducherry and Karaikal area.

Highest maximum temperature was recorded at **Madurai (Airport): 38.5°C**.

Maximum temperature was **29-36°C** over the plains of North Interior Tamilnadu; **35-39°C** over the plains of South Interior Tamilnadu; **34-37°C** over North Coastal Tamilnadu, Puducherry & Karaikal area; **30-37°C** over South Coastal Tamilnadu and **17°C-23°C** over the hilly areas.

Chennai recorded **normal** maximum temperature (**MBK: 36.1°C, -1.2°C** and **NBK: 36.9°C, -0.1°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)	Over Coimbatore, Nilgiris, Cuddalore, Dharmapuri, Erode and Vellore districts & Puducherry.
Markedly fall (-4.1° C or less)	-----
No large change (-2.1° C to 2.0° C)	Over the rest of the subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	-----
Above normal (1.6° C to 3.0° C)	Over Madurai and Ramanathapuram districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Cuddalore, Dharmapuri, Erode, Tiruvallur and Vellore districts & Puducherry.
Appreciably below normal (-3.1 to -5.0°C)	Over Coimbatore district.
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 **19.5°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°)	Over Madurai district.
Appreciable fall (-2.1° C to -4.0°)	Over Chennai and Tiruvallur districts.
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 Nilgiris and Vellore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Karur and Tiruvallur districts.
Appreciably below normal (- 3.1° C to -5.0°C)	Over Chennai and Erode district.
Markedly below normal	-----

(- 5.0° C or less)	
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Synoptic Meteorological Features:

The Northern Limit of Monsoon continues to pass through 20.5°N/60°E, 20.5°N/63°E, 20.5°N/70°E, Navsari, Jalgaon, Amravati, Chandrapur, Bijapur, Sukma, Malkangiri, Vizianagaram, 19.5°N/88°E, 21.5°N/89.5°E, 23°N/89.5°E and Islampur.

A trough runs from Telangana to central parts of Bay of Bengal across Coastal Andhra Pradesh between 3.1 km & 5.8 km above mean sea level.

Yesterday's shear zone roughly along 17°N between 3.1 km & 5.8 km above mean sea level has become less marked.

Conditions are favourable for further advance of Southwest Monsoon into some more parts of Coastal Andhra Pradesh & Northwest Bay of Bengal during next 3-4 days.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (13.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 2 (14.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (15.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (16.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 5 (17.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 6 (18.06.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (19.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (13.06.2024) to Day 5 (17.06.2024)	Maximum Temperature is likely to be above normal by 2-3°C at isolated pockets over Tamilnadu, Puducherry & Karaikal during 13.06.2024 to 17.06.2024 .
---	--

THUNDERSTORM WARNING

Day 1 (13.06.2024) to Day 5 (17.06.2024)	Thunderstorm, lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
---	--

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

For next 24 hours	Sky condition is likely to be partly cloudy. Light / Moderate rain with thunderstorm and lightning is likely to occur in some areas during evening/ night. Maximum
--------------------------	--

	temperature is likely to be around 36°C and Minimum temperature is likely to be 26-27°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Light / Moderate rain with thunderstorm and lightning is likely to occur in some areas during evening/ night. Maximum temperature is likely to be 36-37°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:13-06-2024 (23 Jyaistha 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	1-6-2024	mm	1-1-2024	cm	
Adiramapattinam	34.5	0.0	26.5	0.0	76	7	0.0	78.5	59.7	30	124	
Chennai	36.9	-0.1	24.5	-3.5	67	3	29.4	116.5	88.9	20	140	r*
Chennai_AP	36.1	-1.2	23.5	-4.0	64	2	5.0	137.1	105.4	23	138	r*
Coimbatore_AP	28.8	-3.5	23.7	0.7	81	2	0.0	7.1	-2.7	25	59	m*
Coonoor	22.5	-0.7	15.4	-0.1	87	11	0.3	45.9	14.5	73	159	
Cuddalore	34.5	-2.4	27.0	0.4	79	10	0.0	91.4	69.5	31	134	
Dharmapuri	31.5	-2.2	23.0	-1.0	76	5	2.0	70.0	29.4	26	91	r*
Erode	34.4	-2.9	19.8	-3.3	83	21	0.0	79.8	--	17	--	
Kanyakumari	30.3	-0.4	25.9	1.4	85	3	0.0	87.7	43.0	42	75	
KarurParamathi	34.0	1.0	23.0	-1.8	67	-5	0.0	51.2	34.3	23	59	
Karaikal	35.8	-0.6	27.4	0.4	73	5	0.0	41.5	8.0	37	150	
Kodaikanal	19.9	0.7	13.6	0.9	68	-13	0.0	73.8	26.8	43	158	
Madurai_City	37.4	3.0	25.6	0.6	72	-4	0.0	63.4	--	21	--	
Madurai_AP	38.5	1.1	25.6	-0.8	69	9	0.0	71.9	50.9	20	85	
Nagapattinam	36.1	-0.4	26.3	-0.6	76	6	0.0	46.5	23.6	43	143	
Namakkal	33.0	--	19.5	--	NA	--	0.0	83.4	--	27	--	
Palayamkottai	35.0	-0.9	26.6	0.4	76	6	0.0	7.0	0.8	15	73	
Pamban	33.8	0.1	27.9	0.2	85	10	0.0	35.3	29.6	34	91	
Parangipettai	35.5	--	27.0	--	87	--	0.0	82.1	60.3	30	139	
Puducherry	34.4	-2.4	27.6	0.8	69	-1	0.0	34.1	11.9	27	134	
Salem	33.1	-1.5	25.0	0.7	78	1	0.0	149.5	103.0	38	102	
Thanjavur	36.0	--	28.0	--	65	--	0.0	50.7	30.4	14	95	
Thirupattur	34.6	-0.5	25.4	0.9	60	-12	0.0	97.0	59.2	20	95	
Tiruchirappalli_AP	36.3	-0.5	27.4	0.7	76	11	0.0	123.7	103.4	35	87	m*
Tiruthani	34.5	-2.4	23.5	-2.8	61	-5	8.0	128.2	91.9	19	101	r*
Tondi	36.6	2.1	25.4	-1.2	64	-4	0.0	88.2	76.5	33	88	
Thoothukudi	36.6	0.7	27.6	1.4	78	3	0.0	0.0	-0.8	23	63	
Udagamandalam	17.0	-1.4	13.9	2.2	94	7	0.0	120.8	66.2	42	116	
Valparai	23.0	-0.9	16.5	-1.2	91	-1	13.0	220.4	43.7	86	290	r*
Vellore	34.7	-1.7	27.7	2.1	71	3	0.0	41.9	1.9	13	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 & Puducherry							
SOUTHWEST-MONSOON RAINFALL 2024		13.06.2024			From 01.06.2024 to 13.06.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.8	1.7	-56	63.7	25.1	154
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.6	-100	42.1	24.7	70
687	CHENGALPATTU	0.2	2.4	-92	62.5	21.1	196
461	CHENNAI	15.1	2.1	617	93.9	23.6	298
462	COIMBATORE	1.8	5.8	-70	83.6	55.9	50
463	CUDDALORE	0.0	2.8	-100	71.2	24.9	186
464	DHARMAPURI	1.5	1.0	51	91.8	34.0	170
465	DINDIGUL	0.0	0.9	-100	51.7	24.1	114
466	ERODE	0.0	1.1	-100	50.5	24.2	109
688	KALLAKURICHI	0.2	2.0	-90	73.0	26.2	179
467	KANCHEEPURAM	3.7	3.8	-3	85.3	31.0	175
468	KANYAKUMARI	3.6	5.8	-38	94.6	89.5	6
636	KARAIKAL	0.0	3.0	-100	41.7	33.5	24
469	KARUR	0.0	1.0	-100	67.8	14.3	374
470	KRISHNAGIRI	0.2	1.1	-86	110.9	30.5	264
471	MADURAI	0.0	1.3	-100	65.2	20.3	221
695	MAYILADUTHURAI	0.0	2.7	-100	37.9	21.9	73
472	NAGAPATTINAM	0.0	2.7	-100	35.1	19.7	78
473	NAMAKKAL	0.0	1.1	-100	71.3	23.0	210
474	NILGIRIS	0.7	5.8	-88	107.1	68.0	58
475	PERAMBALUR	0.0	1.6	-100	38.5	20.3	89
476	PUDUCHERRY	0.0	2.1	-100	34.1	22.2	54
477	PUDUKKOTTAI	0.6	1.3	-51	66.8	20.5	226
478	RAMANATHAPURAM	0.0	0.5	-100	35.7	8.7	311
689	RANIPET	1.7	2.8	-40	93.3	33.0	183
479	SALEM	1.1	1.3	-19	82.9	29.7	179
480	SIVAGANGA	0.0	1.8	-100	68.2	24.4	179
690	TENKASI	0.5	1.1	-59	10.0	20.1	-50
481	THANJAVUR	0.1	1.5	-93	50.2	19.9	152
482	THENI	0.3	1.0	-74	50.4	14.6	245
483	TIRUNELVELI	0.4	0.5	-22	37.5	12.5	200
691	TIRUPATTUR	0.2	1.2	-86	107.6	36.4	196
535	TIRUPPUR	0.0	0.4	-100	40.0	14.0	186
484	TIRUVALLUR	14.5	2.5	481	111.8	29.3	282
485	TIRUVANNAMALAI	0.0	2.7	-100	69.4	30.5	127
486	TIRUVARUR	0.0	2.0	-100	41.7	18.5	125
488	TOOTHUKUDI	0.0	0.4	-100	5.7	3.7	55
487	TRICHY	0.0	1.0	-100	81.1	18.0	350
489	VELLORE	0.0	2.8	-100	40.8	33.7	21
490	VILLUPURAM	0.0	2.1	-100	39.8	23.4	70
491	VIRUDHUNAGAR	0.0	0.7	-100	70.7	12.5	465
	SUBDIVISION RAINFALL	0.8	1.7	-56	63.6	25.1	153
LEGEND	PDN*	Percentage Departure from Normal					
		Rainfall for the 24 hrs ending at 0830 hrs of date					





Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 13/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 13/06/2024

The highest temperature recorded : 38.5°C
Place : Madurai AP

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



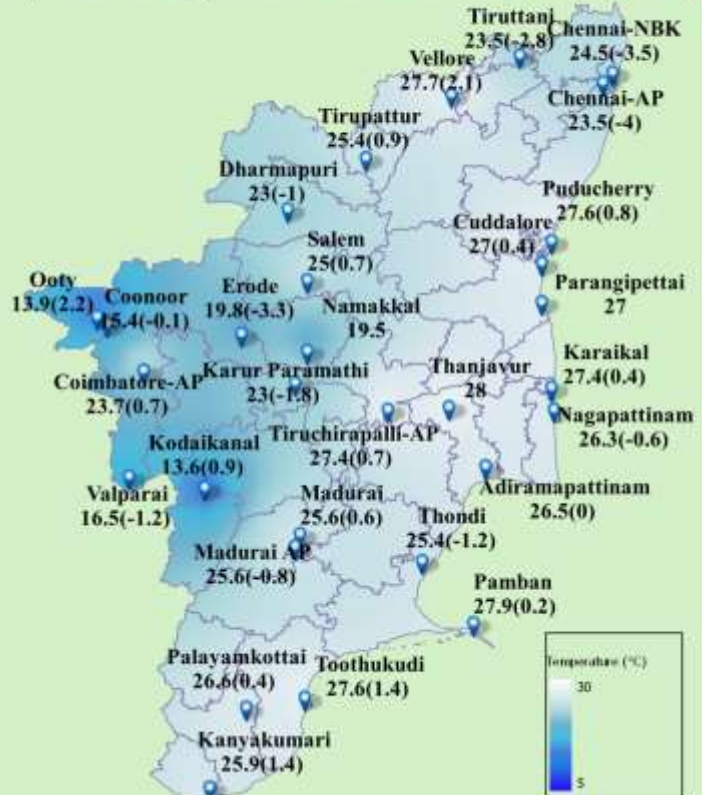
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 13/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 13/06/2024

The lowest temperature recorded in the plains : 19.5° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 13.6° 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