

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: Friday, June 23, 2023 (2 Asadha 1945)

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 a few places over Tamilnadu. Dry weather prevailed over Puducherry & Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Taluk Office Pandalur (dist Nilgiris) 11, Jambukuttapatti (dist Krishnagiri) 9, Perungalur (dist Pudukkottai) 8, Avadi (dist Tiruvallur) 7, Annavasal (dist Pudukkottai) 6, Dharmapuri PTO (dist Dharmapuri), Pudukkottai (dist Pudukkottai) 5 each, Natrampalli (dist Tirupattur), Ayanavaram Taluk Office (dist Chennai), Kuppanatham (dist Cuddalore), Adanakkotai (dist Pudukkottai), Natham (dist Dindigul), Chennai Nungambakkam (dist Chennai), Virdhachalam KVK AWS (dist Cuddalore), Krishnagiri (dist Krishnagiri), V.kalathur (dist Perambalur) 4 each, Sriperumbudur (dist Kancheepuram), Perambur (dist Chennai), Lakkur (dist Cuddalore), DGP Office (dist Chennai), Coonoor (dist Nilgiris), Chennai Collectorate Building (dist Chennai), Worth Estate Cherumulli (dist Nilgiris), Katpadi (dist Vellore), Ambathur (dist Tiruvallur), Kattumayilur (dist Cuddalore), Gandarvakottai (dist Pudukkottai), Tondaiyarpuram (dist Chennai), Hogenekal (dist Dharmapuri), Hosur (dist Krishnagiri), Jayamkondam (dist Ariyalur), Pambar Dam (dist Krishnagiri), Manamelkudi (dist Pudukkottai), Yercaud (dist Salem), Uthangarai (dist Krishnagiri), Arcot (dist Ranipet), Vedaranyam (dist Nagapattinam), Ketti (dist Nilgiris), Tirupathur Pto (dist Tirupattur), Vadapudupattu (dist Tirupattur), Villivakkam ARG (dist Tiruvallur) 3 each, Tirumayam (dist Pudukkottai), Alakarai Estate (dist Nilgiris), Puzhal ARG (dist Tiruvallur), Ammundi (dist Vellore), Vepur (dist Cuddalore), Ayinkudi (dist Pudukkottai), Adar Estate (dist Nilgiris), Me Mathur (dist Cuddalore), Barur (dist Krishnagiri), Vamban KVK AWS (dist Pudukkottai), Viralimalai (dist Pudukkottai), Kil Kotagiri Estate (dist Nilgiris), Anaippalayam (dist Karur), Dharmapuri (dist Dharmapuri), Salem (dist Salem), Tirupattur (dist Tirupattur), Anaimaduvu Dam (dist Salem), Ambur (dist Tirupattur), Vellore (dist Vellore), Pencondapuram (dist Krishnagiri), Tirumangalam (dist Madurai), Danishpet (dist Salem), Tcs Mill Kethandapatti (dist Tirupattur), Thalaivasal (dist Salem), Nedungal (dist Krishnagiri), YMCA Nandanam ARG (dist Chennai) 2 each, Uthagamandalam (dist Nilgiris), Rayakottah (dist Krishnagiri), Eraiyur (dist Perambalur), Wallajah (dist Ranipet), Omalur (dist Salem), Anna University (dist Chennai), Papparapatty KVK AWS (dist Dharmapuri), Alangudi (dist Pudukkottai), Palacode (dist Dharmapuri), Burliar (dist Nilgiris), Barwood (dist Nilgiris), Sandhiyur KVK AWS (dist Salem), Adirampatnam (dist Thanjavur), Chinnakalar (dist Coimbatore), Karaiyur (dist Pudukkottai), Vaniyambadi (dist Tirupattur), Pennagaram (dist Dharmapuri), KRP Dam (dist Krishnagiri), Harisan Malayalam Ltd. (dist Nilgiris), Ranipet (dist Ranipet), Arantangi (dist Pudukkottai), Nagudi (dist Pudukkottai), Singampunari (dist Sivaganga), Tnau Cri Yethapur (dist Salem), Karaikudi (dist Sivaganga), Wood Braiyar Estate (dist Nilgiris), Shoolagiri (dist Krishnagiri), Valparai PTO (dist Coimbatore), Illuppur (dist Pudukkottai), Chengam (dist Tiruvannamalai),

Virudachalam (dist Cuddalore), Keeranur (dist Pudukkottai), Billimalai Estate (dist Nilgiris), Thenparanadu (dist Trichy) 1 each.

DESCRIPTION OF TEMPERATURE:

Madurai Airport recorded the highest maximum temperature of **39.2 °C** over the subdivision.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	Over Puducherry;
Appreciably rise (2.1° C to 4.0°)	Over Thanjavur, Chennai, Cuddalore, Dindigul, Madurai, Nagapattinam, Tirunelveli and Tiruvallur 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 °C to 5.0 °C)	Over Karur district;
Above normal (1.6° C to 3.0° C)	Over Coimbatore, Dindigul, Madurai and Tirunelveli districts;
Below normal (-1.6 ° to -3.0 ° C)	Over Chennai, Cuddalore, Tirupattur, Tiruvallur and Vellore districts of Tamilnadu, Puducherry and Karaikal;
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.

Synoptic Meteorological feature:

Moderate westerlies prevail over the sub division. Yesterday’s east-west shear zone roughly along lat. 14°N at 5.8 km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1 (23.06.2023)	Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area.
Day 2 (24.06.2023)	Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area.
Day 3 (25.06.2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (26.06.2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (27.06.2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

THUNDERSTORM WARNING

Day 1 (23.06.2023)
&
Day 2 (24.06.2023)

Thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be partly cloudy. Light/Moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum temperature is likely to be around 35 °C and minimum temperature is likely to be around 27 °C.

For next 48 HRS: Sky condition is likely to be partly cloudy. Light/Moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum temperature is likely to be around 35 °C and minimum temperature is likely to be around 27 °C.

P. SENTHAMARAI KANNAN
SCIENTIST 'E'

For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:23-06-2023 (2 Asadha 1945 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	1-6-2023	mm	1-1-2023	cm	
Adiramapattinam	34.6	0.1	24.0	-2.2	92	25	11.8	54.6	26.6	49	124	r
Chennai	35.7	-1.3	26.4	-1.1	78	13	37.2	200.9	142.3	31	140	r
Chennai_AP	35.1	-2.1	27.0	0.0	75	13	tr	226.5	162.9	37	138	d
Coimbatore_AP	33.5	1.6	24.0	1.3	78	-2	0.1	8.7	-9.5	12	59	m* r
Coonoor	21.6	-0.9	15.0	-0.2	93	16	18.0	108.1	58.2	57	159	r
Cuddalore	35.0	-1.7	26.8	0.5	85	16	0.0	52.8	13.0	23	134	
Dharmapuri	33.2	-0.7	21.7	-2.0	88	22	53.0	53.0	-0.9	27	91	r
Erode	35.6	-0.8	22.5	-0.4	78	16	0.0	6.6	--	20	--	
Kanyakumari	31.4	0.9	24.4	-0.1	73	-11	0.0	0.0	-71.5	12	75	
KarurParamathi	37.0	3.3	24.0	-0.8	64	-6	0.0	0.0	-19.1	13	59	
Karaikal	34.5	-1.9	26.8	0.2	74	5	0.0	58.1	12.7	34	150	
Kodaikanal	21.2	2.3	12.7	0.6	97	18	2.0	100.0	31.0	64	158	r
Madurai_City	39.0	1.9	25.2	0.1	66	-8	0.0	14.8	--	37	--	
Madurai_AP	39.2	1.7	25.5	-0.8	64	6	5.2	51.1	20.4	22	85	r
Nagapattinam	35.3	-1.5	26.7	0.0	74	5	0.0	61.5	26.3	26	143	
Namakkal	35.0	--	22.0	--	NA	--	0.0	67.0	--	20	--	
Palayamkottai	38.4	2.5	27.4	1.0	61	-5	0.0	10.0	-0.3	28	73	
Pamban	34.2	0.8	25.5	-2.0	83	9	0.0	0.0	-7.2	29	91	
Parangipettai	35.0	--	26.7	--	76	--	0.0	31.5	-5.2	16	139	
Puducherry	34.7	-2.2	26.8	0.1	81	10	0.0	99.2	59.2	24	134	
Salem	34.3	-0.3	21.3	-2.7	87	10	19.6	70.8	6.0	26	102	r
Thanjavur	37.0	--	27.4	--	71	--	0.0	40.3	9.1	30	95	
Thirupattur	32.4	-2.4	23.2	-1.2	93	22	25.2	75.8	21.9	35	95	r
Tiruchirappalli_AP	37.0	0.1	26.0	-0.7	75	12	0.5	24.2	-5.6	24	87	m* r
Tiruthani	35.1	-1.8	25.5	-0.6	77	15	tr	96.8	34.4	25	101	d
Tondi	34.0	-0.4	26.8	0.4	73	4	0.0	0.9	-17.4	35	88	
Thoothukudi	35.0	-1.1	28.4	2.4	69	-5	0.0	5.4	3.5	10	63	
Udagamandalam	18.6	0.7	11.3	-0.3	88	2	15.2	125.8	25.8	45	116	r
Valparai	25.5	2.8	17.0	-1.0	95	2	9.0	231.2	-167.9	107	290	r
Vellore	33.9	-2.3	24.1	-1.3	95	27	18.9	156.6	89.8	35	103	r

*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

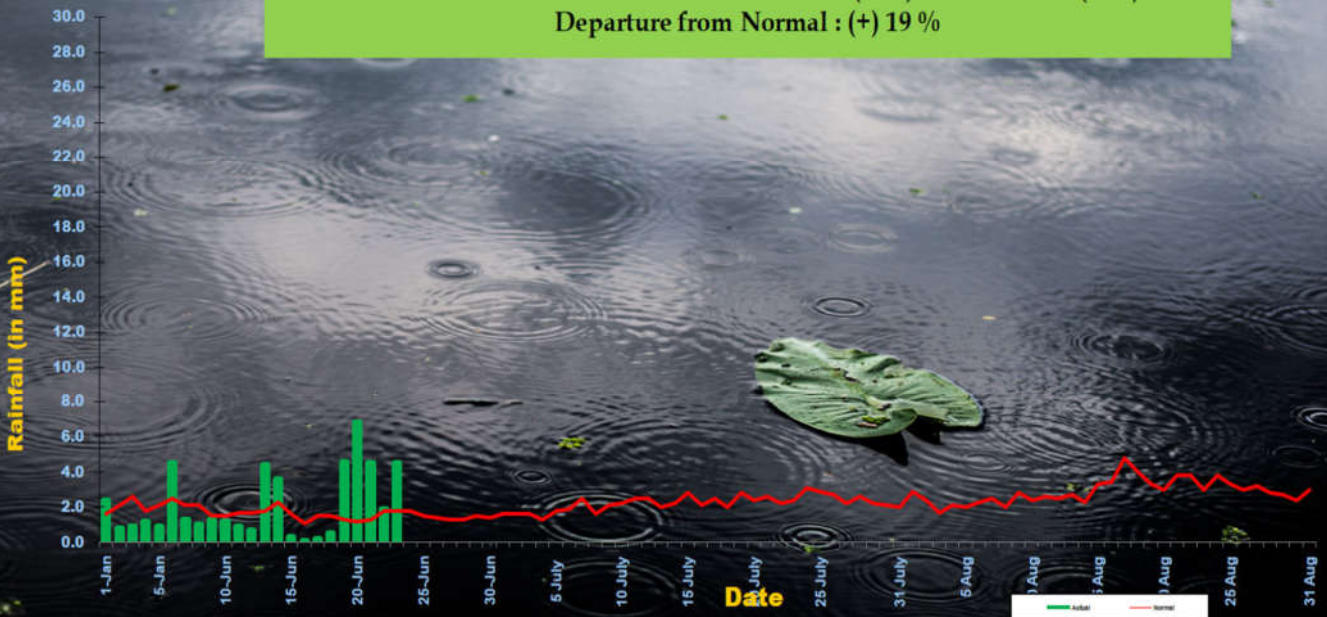
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

SOUTHWEST MONSOON RAINFALL 2023		23.06.2023			From 01.06.2023 to 23.06.2023		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	4.5	1.8	152	48.0	40.5	19
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	5.0	0.6	733	31.1	33.7	-8
687	CHENGALPATTU	0.0	3.0	-100	104.5	41.1	154
461	CHENNAI	18.5	4.4	321	185.6	49.8	273
462	COIMBATORE	1.7	8.0	-79	56.0	123.0	-54
463	CUDDALORE	7.8	2.0	288	64.8	38.7	67
464	DHARMAPURI	16.7	0.8	1985	55.0	45.4	21
465	DINDIGUL	4.8	0.9	432	47.3	33.7	40
466	ERODE	0.8	1.4	-41	38.2	35.4	8
688	KALLAKURICHI	0.0	2.3	-100	25.8	40.9	-37
467	KANCHEEPURAM	5.8	3.6	60	181.7	51.6	252
468	KANYAKUMARI	0.0	6.4	-100	22.6	143.6	-84
636	KARAIKAL	0.0	1.3	-100	58.1	45.4	28
469	KARUR	2.2	0.2	983	16.4	18.1	-9
470	KRISHNAGIRI	18.4	1.4	1213	63.0	41.0	54
471	MADURAI	1.6	1.5	7	29.2	31.4	-7
695	MAYILADUTHURAI	0.5	0.6	-17	39.0	32.4	20
472	NAGAPATTINAM	3.8	0.9	319	60.0	30.0	100
473	NAMAKKAL	0.3	0.9	-70	42.2	33.0	28
474	NILGIRIS	12.5	8.7	44	97.3	141.1	-31
475	PERAMBALUR	5.2	0.2	2491	54.0	29.1	86
476	PUDUCHERRY	0.0	2.4	-100	99.2	40.0	148
477	PUDUKKOTTAI	18.5	0.9	1951	46.2	30.8	50
478	RAMANATHAPURAM	0.0	0.6	-100	2.5	12.8	-80
689	RANIPET	5.8	3.9	49	101.6	54.5	86
479	SALEM	8.3	1.5	451	48.2	46.4	4
480	SIVAGANGA	3.2	1.6	101	44.0	37.9	16
690	TENKASI	0.8	1.5	-49	3.0	36.2	-92
481	THANJAVUR	1.1	0.6	91	43.8	29.1	50
482	THENI	0.1	1.4	-90	17.4	24.1	-28
483	TIRUNELVELI	0.0	0.9	-100	2.7	19.4	-86
691	TIRUPATTUR	20.8	2.2	845	82.3	53.9	53
535	TIRUPPUR	0.4	0.3	22	14.7	17.9	-18
484	TIRUVALLUR	6.5	4.3	51	122.5	55.5	121
485	TIRUVANNAMALAI	2.2	3.2	-32	89.1	49.8	79
486	TIRUVARUR	1.2	1.1	7	31.5	30.1	5
488	TOOTHUKUDI	0.0	0.1	-100	10.9	5.4	103
487	TRICHY	0.5	0.2	170	18.8	24.6	-23
489	VELLORE	12.7	2.6	390	102.9	53.4	93
490	VILLUPURAM	0.0	2.5	-100	81.8	42.2	94
491	VIRUDHUNAGAR	0.0	0.2	-100	18.8	17.7	6
	SUBDIVISION RAINFALL	4.5	1.8	151	48.2	40.5	19
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0630 hrs of date					

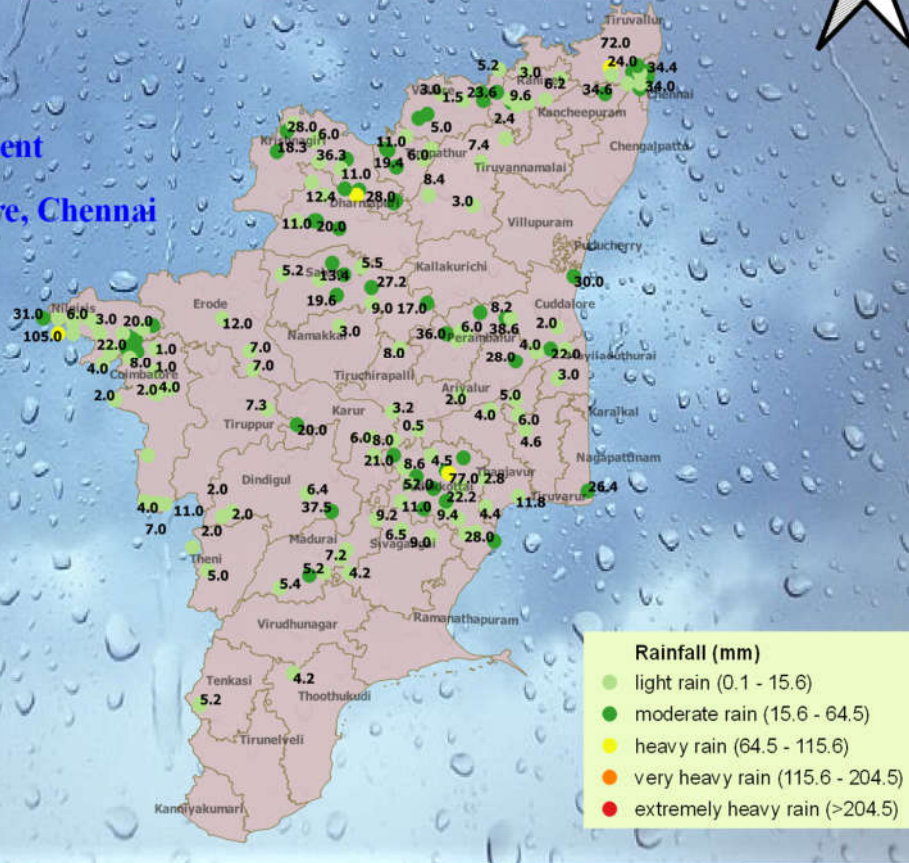
SOUTHWEST MONSOON RAINFALL 2023 for Tamilnadu and Puducherry
 From 01.06.2023 to 23.06.2023 Actual: 48.2 (mm) Normal: 40.5 (mm)
 Departure from Normal : (+) 19 %



Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 23/06/2023)



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 23/06/2023





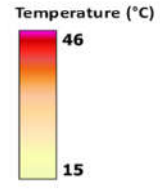
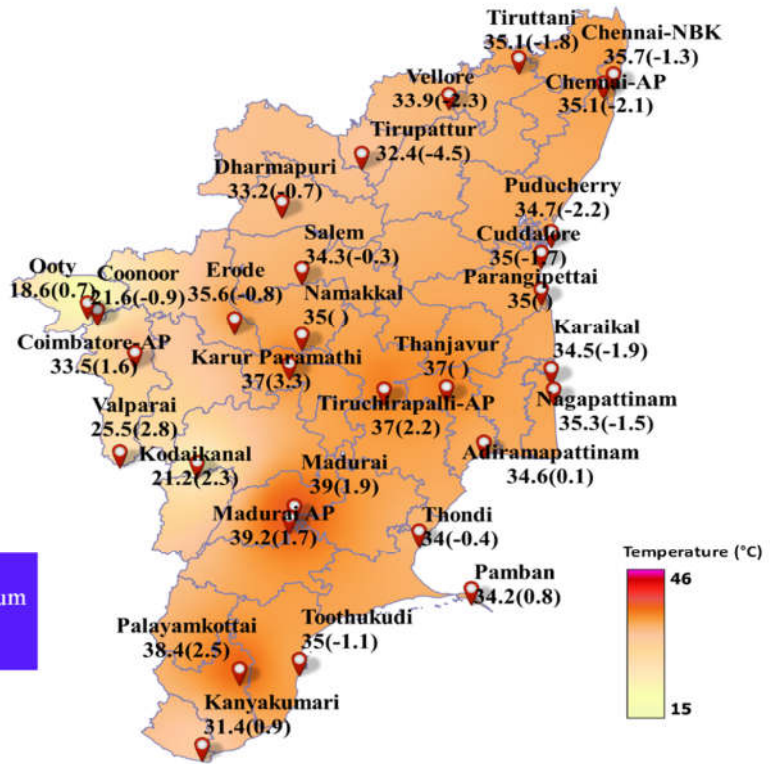
Realised Maximum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 23/06/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 23/06/2023

The highest temperature recorded : 39.2°C
Place : Madurai AP

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



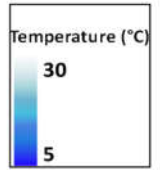
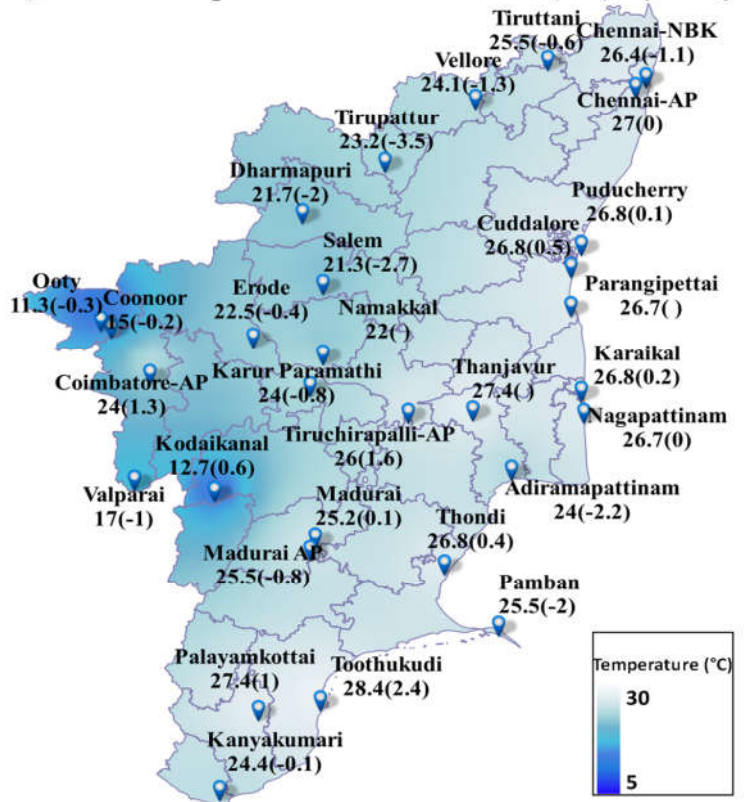
Realised Minimum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 23/06/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 23/06/2023

The lowest temperature recorded in the plains : 21.3° C
Place : Salem
The lowest temperature recorded in the hilly region : 11.3° 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