



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
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DATE: Monday, July 1, 2024 (10 Asadha 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 few places over North Tamilnadu, one or two places over South Tamilnadu and Karaikal area. Light rain prevailed over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:

Wood Braiyar Estate (dist The Nilgiris), Harisan Malayalam Ltd. (dist The Nilgiris), Went Worth Estate, Cherumulli (dist The Nilgiris) 13 each, Taluk Office Pandalur (dist The Nilgiris) 6, Naduvattam (dist The Nilgiris), Cheyyar (dist Tiruvannamalai), Ammapettai (dist Erode), Chinnakalar (dist Coimbatore), Devala (dist The Nilgiris), Gudalur Bazar (dist The Nilgiris) 5 each, Upper Gudalur (dist The Nilgiris), Valparai PAP (dist Coimbatore), Ponnai Dam (dist Vellore), Barwood (dist The Nilgiris), Valparai Taluk Office (dist Coimbatore), Valparai PTO (dist Coimbatore), Manalmedu (dist Mayiladuthurai) 4 each, Karaikal (dist Karaikal), Tiruvaiyaru (dist Thanjavur), Edapadi (dist Salem), Cincona (dist Coimbatore), Kil Kotagiri Estate (dist The Nilgiris), Pallipattu (dist Tiruvallur), Sirkali (dist Mayiladuthurai), Thirumanur (dist Ariyalur), Upasi TRF AWS (dist Coimbatore) 3 each, Ayyampettai (dist Thanjavur), Avudayarkoil (dist Pudukkottai), Tirukattupalli (dist Thanjavur), Kovilpatti (dist Thiruchirappalli), Nagudi (dist Pudukkottai), Viralimalai (dist Pudukkottai), Sholayar (dist Coimbatore), Varattupallam (dist Erode), Katpadi (dist Vellore), Arani (dist Tiruvannamalai), Avalanche (dist The Nilgiris), Mettur (dist Salem), Budalur (dist Thanjavur), Thuvakudi Imti (dist Thiruchirappalli), Vembakkam (dist Tiruvannamalai), Gummidipoondi (dist Tiruvallur), Upper Bhavani (dist The Nilgiris), Devakottai (dist Sivagangai), Senthurai ARG (dist Ariyalur) 2 each, Kilacheruvai (dist Cuddalore), Nambiyur (dist Erode), Ponneri (dist Tiruvallur), Sholingur (dist Ranipet), Valangaiman (dist Thiruvavur), Kancheepuram (dist Kancheepuram), Uthangarai (dist Krishnagiri), Vellore (dist Vellore), Lower Anaicut (dist Thanjavur), Sivagangai PWD TB (dist Sivagangai), Mannargudi (dist Thiruvavur), Elanthakuttai Medu (dist Erode), Bahour (dist Puducherry), SCS Mill Arasoor (dist Villupuram), Ammoor (Walajah Railway) (dist Ranipet), Arakonam (dist Ranipet), Annamalai Nagar (dist Cuddalore), Chidambaram AWS (dist Cuddalore), Periyar (dist Theni), Rasipuram (dist Namakkal), Vepur (dist Cuddalore), Sothuparai (dist Theni), Wallajah (dist Ranipet), Thekkadi (dist Theni), Kodaikanal (dist Dindigul), Glenmorgan (dist The Nilgiris), Annavasal (dist Pudukkottai), Eraiyur (dist Perambalur), Avadi (dist Tiruvallur), Ayinkudi (dist Pudukkottai), Labbaikudikadu (dist Perambalur), Velankanni (dist Nagapattinam), Jayamkondam ARG (dist Ariyalur) 1 each and Karaikal area 3.

DESCRIPTION OF TEMPERATURE: (in the plains)

Madurai_city recorded the highest maximum temperature of **39.6°C**.

Namakkal & Erode recorded the lowest minimum temperature of **20.0 °C**.

Synoptic Meteorological Features:

Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (01.07.2024)	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. Heavy to very rain is likely to occur at isolated places over Nilgiris and
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	Ghat areas of Coimbatore districts. Heavy rain is likely to occur at isolated places over Ghat areas of Tiruppur , Theni and Dindigul districts.
Day 2 (02.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (03.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (04.07.2024)	Light to moderate rain at few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 5 (05.07.2024)	Light to moderate rain at few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Outlook for subsequent two days	
Day 6 (06.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (07.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

HEAVY RAINFALL WARNING

Day 1 (01.07.2024)	Heavy to very heavy rain is likely to occur at isolated places over Nilgiris and Ghat areas of Coimbatore districts.
	Heavy rain is likely to occur at isolated places over Ghat areas of Tiruppur , Theni and Dindigul districts.

THUNDERSTORM WARNING

Day 1 (01.07.2024), Day 4 (04.07.2024) & Day 5(05.07.2024)	Thunderstorm, lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
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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. Maximum temperature is likely to be around 34-35°C and Minimum temperature is likely to be 25-26°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum temperature is likely to be 35°C and Minimum temperature is likely to be 26°C .

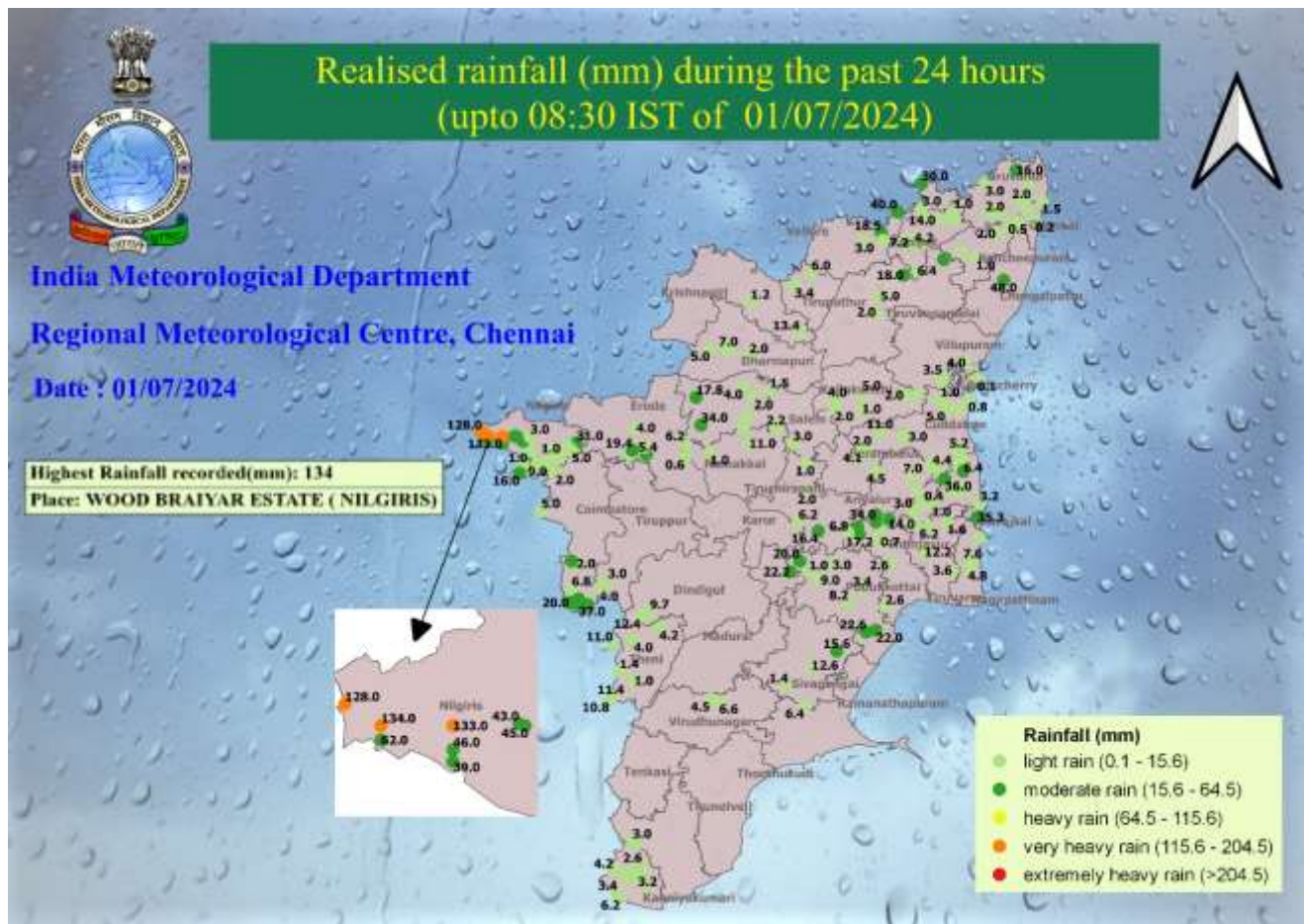
P. SENTHAMARAI KANNAN,
SCIENTIST 'F'
For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:01-07-2024 (10 Asadha 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	-0.3	27.8	1.8	83	17	0.0	89.5	55.9	31	124	
Chennai	33.9	-2.7	27.2	-0.1	86	20	0.2	225.5	148.3	31	140	d*
Chennai_AP	33.9	-2.8	25.3	-1.6	88	25	0.0	274.5	189.2	37	138	m*
Coimbatore_AP	32.4	0.5	23.6	1.1	93	12	0.0	19.3	-7.0	26	59	m*
Coonoor	22.5	-0.1	16.2	1.1	91	14	1.3	101.6	34.4	79	159	r*
Cuddalore	35.2	-1.5	27.6	1.3	89	20	0.8	159.2	108.6	38	134	r*
Dharmapuri	32.0	-1.8	23.0	-0.7	90	24	2.0	88.0	20.6	28	91	r*
Erode	38.2	2.1	20.0	-2.8	81	18	0.6	80.8	--	17	--	r*
Kanyakumari	30.5	-0.1	24.8	0.5	87	6	0.0	137.9	50.9	47	75	
KarurParamathi	37.0	4.0	23.0	-1.4	70	-1	0.0	51.2	30.4	23	59	
Karaikal	35.0	-1.6	27.0	0.3	91	23	35.3	80.0	27.5	41	150	r*
Kodaikanal	19.7	1.1	12.8	0.9	96	16	9.7	154.1	65.0	51	158	r*
Madurai_City	39.6	2.9	24.0	-1.2	80	5	0.0	69.4	--	21	--	m*
Madurai_AP	39.2	1.5	26.7	0.4	82	25	tr	85.8	49.4	22	85	d*
Nagapattinam	35.4	-1.6	26.5	-0.2	94	27	6.7	73.8	33.3	45	143	r*
Namakkal	38.0	--	20.0	--	NA	--	0.0	89.0	--	27	--	
Palayamkottai	39.0	3.4	27.9	1.3	77	11	0.0	10.2	-1.5	15	73	
Pamban	33.4	-0.2	27.4	0.0	76	2	0.0	35.3	27.0	34	91	
Parangipettai	37.0	--	26.1	--	83	--	0.0	93.6	47.3	31	139	
Puducherry	34.6	-2.2	27.3	0.7	85	14	0.1	95.1	43.4	33	134	
Salem	33.8	-1.1	24.3	0.4	86	9	2.7	200.9	114.6	43	102	r*
Thanjavur	35.0	--	28.2	--	79	--	0.7	97.7	60.1	18	95	r*
Thirupattur	37.2	2.7	25.4	0.6	81	13	0.0	173.4	108.4	27	95	
Tiruchirappalli_AP	37.1	-0.1	27.0	0.3	74	12	0.0	186.7	150.3	41	87	z*
Tiruthani	33.0	-3.0	24.5	-1.2	87	24	1.0	212.8	129.8	28	101	r*
Tondi	34.1	-0.4	26.4	0.1	75	7	0.0	136.9	116.0	38	88	
Thoothukudi	NA	-	26.7	0.5	80	9	0.0	8.2	5.8	24	63	
Udagamandalam	19.2	1.6	13.7	2.6	96	8	4.8	211.0	77.8	51	116	r*
Valparai	22.5	-0.7	15.0	-2.5	96	2	37.0	636.0	56.8	127	290	r*
Vellore	33.9	-1.9	25.3	0.0	97	30	13.2	145.0	61.9	23	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							
Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry							
SOUTHWEST-MONSOON RAINFALL 2024		01.07.2024			From 01.06.2024 to 01.07.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	3.5	1.6	121	112.7	52.3	115
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	6.4	0.2	3108	64.7	39.2	65
687	CHENGALPATTU	0.0	2.0	-100	158.9	57.7	175
461	CHENNAI	0.0	2.1	-99	200.4	66.7	200
462	COIMBATORE	9.2	7.2	28	251.2	179.2	40
463	CUDDALORE	3.1	1.0	208	126.9	46.7	172
464	DHARMAPURI	2.6	0.5	423	109.0	54.8	99
465	DINDIGUL	2.2	0.9	146	72.8	41.9	74
466	ERODE	6.5	0.9	624	73.8	47.0	57
688	KALLAKURICHI	0.6	1.6	-63	85.4	52.2	64
467	KANCHEEPURAM	3.3	2.4	37	178.8	68.9	160
468	KANYAKUMARI	1.0	4.3	-76	210.6	179.3	17
636	KARAIKAL	35.3	0.5	6960	80.2	52.5	53
469	KARUR	0.0	0.1	-100	70.9	20.6	244
470	KRISHNAGIRI	0.9	1.2	-28	140.3	48.8	187
471	MADURAI	0.0	1.2	-100	80.6	40.6	99
695	MAYILADUTHURAI	13.4	0.2	6617	71.9	39.7	81
472	NAGAPATTINAM	2.7	0.8	241	41.7	35.2	18
473	NAMAKKAL	1.3	1.0	29	94.6	40.4	134
474	NILGIRIS	26.4	8.3	218	362.6	204.0	78
475	PERAMBALUR	2.2	0.7	212	42.1	34.1	23
476	PUDUCHERRY	0.1	1.0	-90	95.1	51.7	84
477	PUDUKKOTTAI	3.8	1.6	139	120.5	40.3	199
478	RAMANATHAPURAM	0.4	0.3	19	48.4	15.5	212
689	RANIPET	6.9	2.1	227	213.6	71.7	198
479	SALEM	3.8	1.6	139	131.6	58.8	124
480	SIVAGANGA	3.3	2.4	37	108.7	47.8	127
690	TENKASI	0.0	1.5	-100	71.6	48.8	47
481	THANJAVUR	5.5	0.8	593	85.8	34.8	147
482	THENI	3.1	1.2	161	108.7	32.4	235
483	TIRUNELVELI	0.4	0.3	30	118.8	23.2	412
691	TIRUPATTUR	1.1	1.9	-42	184.8	65.6	182
535	TIRUPPUR	0.4	0.2	75	42.6	20.7	106
484	TIRUVALLUR	3.9	2.1	85	192.4	73.9	160
485	TIRUVANNAMALAI	7.4	1.5	394	143.2	61.9	131
486	TIRUVARUR	4.2	1.6	161	73.7	36.1	104
488	TOOTHUKUDI	0.0	0.3	-100	6.2	6.4	-4
487	TRICHY	1.9	0.8	142	101.4	29.3	246
489	VELLORE	11.6	2.4	385	164.8	67.3	145
490	VILLUPURAM	1.2	2.1	-42	89.9	54.8	64
491	VIRUDHUNAGAR	0.8	1.3	-39	80.1	21.5	272
	SUBDIVISION RAINFALL	3.5	1.6	124	112.6	52.3	115
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 01/07/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 01/07/2024

The highest temperature recorded : 39.6°C
Place : Madurai

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



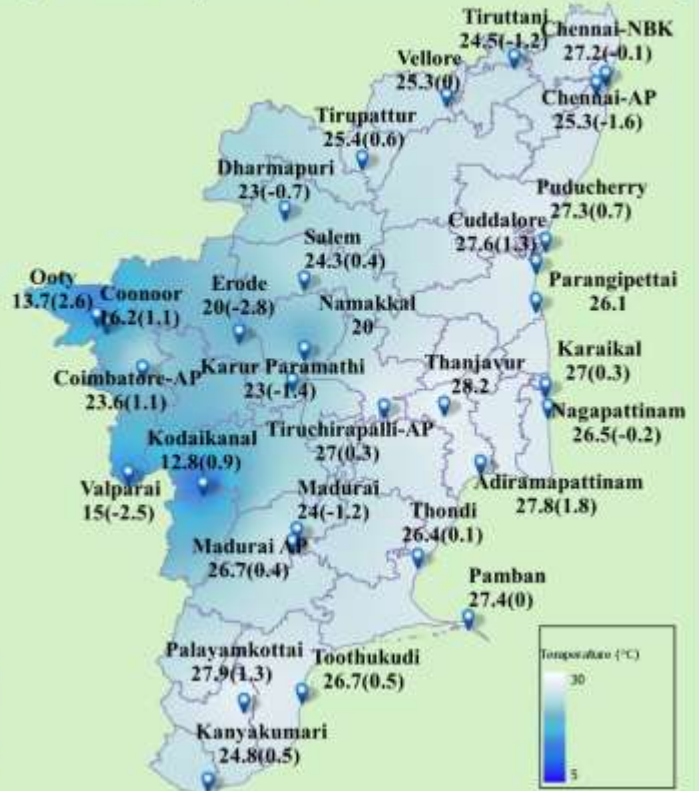
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 01/07/2024) and its departure from normal(°C)



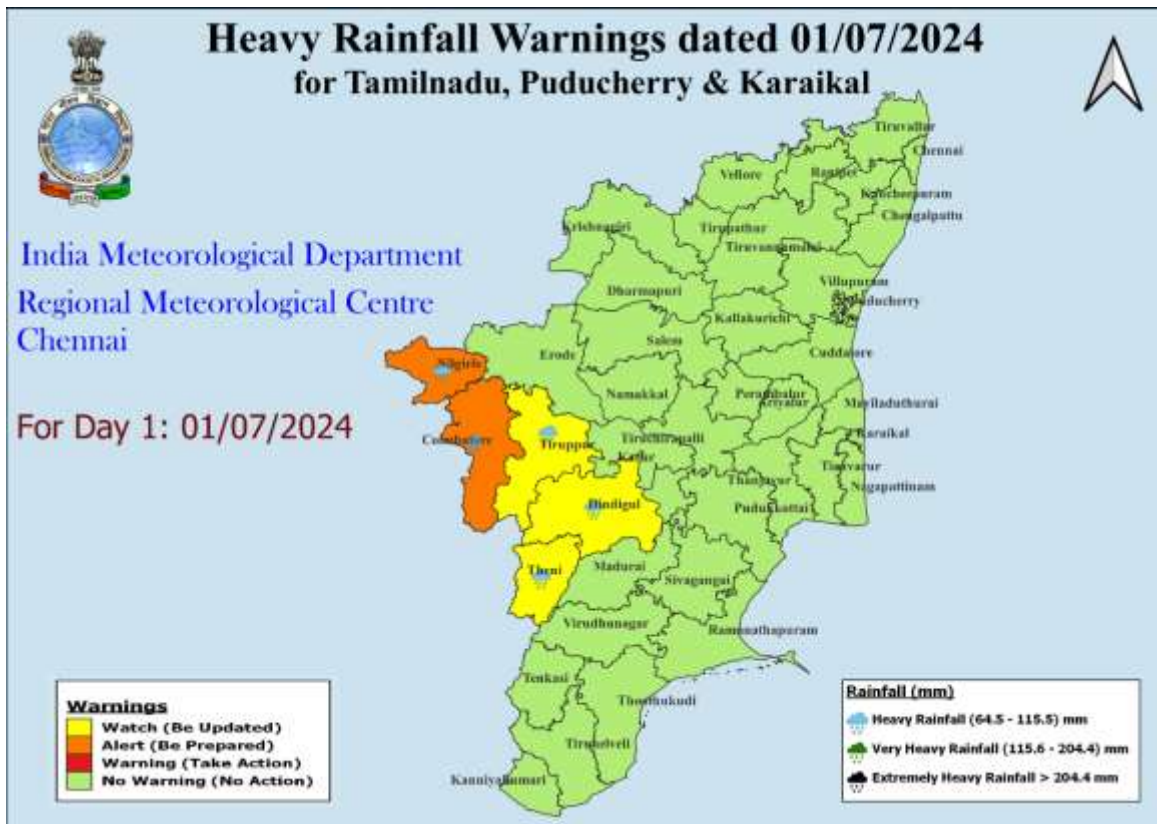
India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 01/07/2024

The lowest temperature recorded in the plains : 20° C
Place : Erode & Namakkal
The lowest temperature recorded in the hilly region : 12.8° C
Place : Kodaikanal

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



DAY 1: 01/07/2024



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