

இந்திய அரசு
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: Friday, May 12, 2023 (22 Vaisakha 1945)

Time of issue: 2030 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 isolated places over Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Suralacode (dist Kanyakumari) 5, Mettupalayam (dist Coimbatore), Coimbatore South (dist Coimbatore), Perunchani Dam (dist Kanyakumari) 4 each, Pillur Dam Mettupalayam (dist Coimbatore), Siruvani Adivaram (dist Coimbatore) 2 each, Thondamuthur (dist Coimbatore), Podanur Railway Station (dist Coimbatore), Vattamalai Reservoir (dist Tiruppur), Palani (dist Dindigul), Avinasi (dist Tiruppur), Annur (dist Coimbatore), Kayathar (dist Toothukudi), Periyanaickenpalayam (dist Coimbatore), Gobichettipalayam (dist Erode), Coonoor (dist Nilgiris), Billimalai Estate (dist Nilgiris), Kinnakorai (dist Nilgiris), Madukkarai Taluk Office (dist Coimbatore), Sulur (dist Coimbatore), Sholayar (dist Coimbatore), Elanthakuttai Medu (dist Erode), Hogenekal (dist Dharmapuri) 1 each.

DESCRIPTION OF TEMPERATURE:

Erode and Karur Paramathi recorded the highest maximum temperature of 39.0 °C over the subdivision.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0°)	Over Dharmapuri, Erode, Madurai, Nagapattinam, Namakkal and Salem 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 the 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 Ramanathapuram district;
Above normal (1.6° C to 3.0° C)	Over Nilgiris and Karur districts;
Below normal (-1.6 ° to -3.0 ° C)	Over Chennai, Cuddalore, Tiruvallur and Vellore districts & Puducherry;

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.

Synoptic Meteorological feature:

Yesterday's **Cyclonic Storm "Mocha"** (pronounced as "**Mokha**") over southeast Bay of Bengal intensified into a **Severe Cyclonic Storm** at 1730 hours IST of 11th May 2023 over the Southeast and adjoining Central Bay of Bengal and further intensified into a **Very Severe Cyclonic Storm** at 0530 hours of today, the 12th May 2023 over Central and adjoining Southeast Bay of Bengal, and moved nearly northwards and lay centered at 0830 hours IST of today, the 12th May 2023 over the same region near latitude 13.6°N and longitude 88.2°E, about 530 km west-northwest of Port Blair, 950 km south-southwest of Cox's Bazar (Bangladesh) and 870 km south-southwest of Sittwe (Myanmar).

It is very likely to move north-northeastwards and intensify further over Eastcentral Bay of Bengal. It is very likely to cross southeast Bangladesh and north Myanmar coasts between Cox's Bazar (Bangladesh) and Kyaukpyu (Myanmar), close to Sittwe (Myanmar) around noon of 14th May, 2023 as a Very Severe Cyclonic Storm with maximum sustained wind speed of 150-160 kmph gusting to 175 kmph.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1 (12-05-2023)	Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 2 (13-05-2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (14-05-2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (15-05-2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (16-05-2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

THUNDERSTORM WARNING

Day 1(12.05.2023)	Thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.
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MAXIMUM TEMPERATURE FORECAST	WARNING
Date: 12.05.23 to 16.05.23: Maximum temperature is likely to rise gradually by 2-3°C during the next five days.	Due to humid air & high temperatures, hot & discomfort weather is very likely during 14-16 May, 2023.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be partly cloudy. Maximum temperature is likely to be around 38 °C and minimum temperature is likely to be 28 °C.

For next 48 HRS: Sky condition is likely to be partly cloudy. Maximum temperature is likely to be around 38 °C and minimum temperature is likely to be 28 °C.

P. SENTHAMARAI KANNAN
SCIENTIST 'E'

For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:12-05-2023 (22 Vaisakha 1945 SAKA)

Stations	Temperature Degrees Celsius				Humidity percentage		Rainfall					Weather remarks
	Maximum		Minimum		At 0830 Hrs IST	Dep. from normal	Millimetres		Centimetres			
	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	1-3-2023	mm	1-1-2023	cm	
Adiramapattinam	35.0	0.4	25.1	-2.1	78	4	0.0	266.6	151.8	39	124	
Chennai	35.3	-2.1	28.8	0.4	76	8	0.0	99.1	61.8	10	140	
Chennai_AP	36.6	-1.8	28.4	0.6	67	1	0.0	132.9	84.3	14	138	
Coimbatore_AP	35.3	0.0	25.4	1.1	83	6	4.8	101.2	28.0	10	59	r*
Coonoor	24.6	0.0	16.0	0.0	77	4	1.4	397.4	148.0	42	159	r*
Cuddalore	34.8	-2.1	27.1	0.1	83	10	0.0	161.6	107.4	18	134	
Dharmapuri	36.2	-0.7	24.0	-0.8	72	6	0.0	161.0	53.4	16	91	
Erode	39.0	0.6	22.0	-1.3	78	12	0.0	162.8	--	16	--	
Kanyakumari	32.4	-0.6	26.0	-0.4	76	1	0.0	110.6	1.7	12	75	
KarurParamathi	39.0	2.3	24.0	-1.3	67	-8	0.0	54.6	-24.7	7	59	
Karaikal	36.2	-0.1	25.3	-2.0	71	-3	0.0	153.2	83.9	28	150	
Kodaikanal	22.1	0.9	12.6	-0.5	73	2	4.9	451.8	205.6	50	158	r*
Madurai_City	38.4	0.4	23.0	-2.9	78	4	48.2	335.0	--	35	--	r*
Madurai_AP	38.6	0.6	24.1	-2.3	74	9	1.2	136.9	36.9	15	85	r*
Nagapattinam	37.8	1.5	26.1	-1.3	79	5	0.0	56.2	-18.6	19	143	
Namakkal	37.5	--	18.5	--	NA	--	43.0	112.5	--	11	--	
Palayamkottai	36.6	-1.1	26.0	-0.4	66	-4	0.0	223.4	99.2	26	73	
Pamban	34.0	-0.4	26.8	-1.3	80	4	0.0	227.4	139.9	29	91	
Parangipettai	36.7	--	27.1	--	83	--	0.0	61.3	1.5	13	139	
Puducherry	34.0	-2.9	28.1	1.0	78	3	0.0	133.2	70.0	14	134	
Salem	37.6	0.3	24.0	-1.4	64	-8	0.0	118.5	19.2	12	102	
Thanjavur	37.0	--	27.0	--	71	--	0.0	148.0	86.8	19	95	
Thirupattur	36.8	-0.7	25.2	0.0	77	7	0.0	256.8	176.3	26	95	
Tiruchirappalli_AP	38.3	0.0	26.0	-0.9	80	12	7.6	152.1	80.7	18	87	r*
Tiruthani	38.0	-2.5	26.8	0.1	57	-1	0.0	146.0	90.7	15	101	
Tondi	37.9	3.8	26.0	-1.2	78	3	0.0	295.4	188.3	34	88	
Thoothukudi	35.0	0.5	28.3	1.9	78	3	0.0	71.1	-35.4	9	63	
Udagamandalam	24.9	1.9	11.2	-1.2	90	17	9.0	221.6	67.6	23	116	r*
Valparai	27.5	0.3	18.5	1.0	93	5	6.8	660.0	446.1	69	--	r*
Vellore	37.0	-2.4	26.7	0.5	69	2	0.0	174.4	105.6	17	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

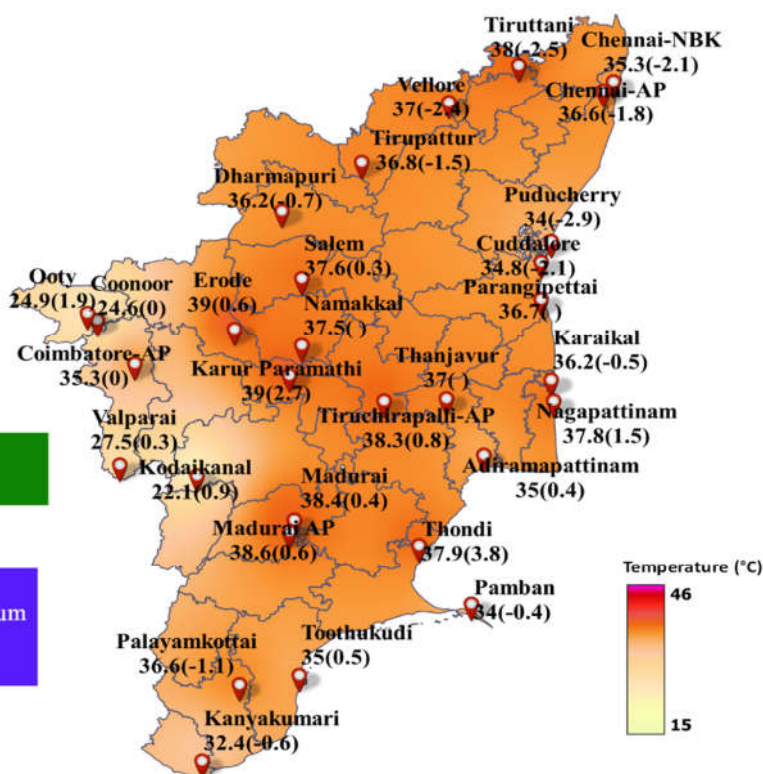
PRE-MONSOON RAINFALL 2022		12.05.2023			From 01.03.2023 to 12.05.2023		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	3.2	2.1	50	178.1	85.6	108
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.2	-100	133.2	49.8	167
687	CHENGALPATTU	0.0	0.9	-100	93.5	38.1	145
461	CHENNAI	0.0	2.2	-100	102.6	32.0	220
462	COIMBATORE	3.2	3.1	5	324.5	111.2	192
463	CUDDALORE	0.0	1.3	-100	196.8	55.5	255
464	DHARMAPURI	1.4	3.0	-52	209.8	98.8	112
465	DINDIGUL	15.4	2.6	493	281.3	121.2	132
466	ERODE	1.7	3.0	-42	187.1	94.6	98
688	KALLAKURICHI	0.0	1.0	-100	185.4	48.2	285
467	KANCHEEPURAM	0.0	2.1	-100	105.3	44.8	135
468	KANYAKUMARI	12.2	3.6	239	201.1	197.0	2
636	KARAIKAL	0.0	0.6	-100	153.2	69.3	121
469	KARUR	4.9	1.5	228	103.4	70.8	46
470	KRISHNAGIRI	0.0	2.5	-100	175.6	86.3	104
471	MADURAI	16.6	2.4	591	175.2	100.9	74
695	MAYILADUTHURAI	0.0	1.1	-100	68.7	59.5	16
472	NAGAPATTINAM	0.0	1.7	-100	178.1	67.5	164
473	NAMAKKAL	7.4	3.3	123	145.4	87.6	66
474	NILGIRIS	6.4	4.1	56	227.0	148.7	53
475	PERAMBALUR	0.0	1.6	-100	167.0	55.5	201
476	PUDUCHERRY	0.0	0.3	-100	133.2	63.2	111
477	PUDUKKOTTAI	3.4	1.6	115	152.1	57.3	165
478	RAMANATHAPURAM	0.0	1.1	-100	162.4	89.6	81
689	RANIPET	0.0	2.1	-100	227.9	47.3	382
479	SALEM	0.3	2.8	-89	176.2	100.8	75
480	SIVAGANGA	6.9	2.1	231	159.9	91.6	75
690	TENKASI	0.1	2.7	-96	208.4	159.6	31
481	THANJAVUR	0.0	1.0	-100	159.3	68.6	132
482	THENI	4.0	2.7	48	190.5	136.7	39
483	TIRUNELVELI	0.0	1.3	-100	143.8	113.9	26
691	TIRUPATTUR	0.0	3.0	-100	170.7	64.9	163
535	TIRUPPUR	11.4	3.0	281	121.8	85.5	42
484	TIRUVALLUR	0.0	2.0	-100	120.2	42.9	180
485	TIRUVANNAMALAI	0.0	1.9	-100	238.4	57.4	315
486	TIRUVARUR	0.0	1.1	-100	146.4	73.9	98
488	TOOTHUKUDI	0.0	0.8	-100	112.8	95.3	18
487	TRICHY	3.3	1.2	172	118.6	65.9	80
489	VELLORE	0.0	2.3	-100	202.3	61.2	231
490	VELLUPURAM	0.0	1.3	-100	138.6	39.9	247
491	VRUDHUNAGAR	3.5	2.0	75	237.3	112.8	110
	SUBDIVISION RAINFALL	3.1	2.1	50	177.9	85.5	108
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 12/05/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 12/05/2023



The highest temperature of 39.0° C was recorded at Erode & Karur Paramathi

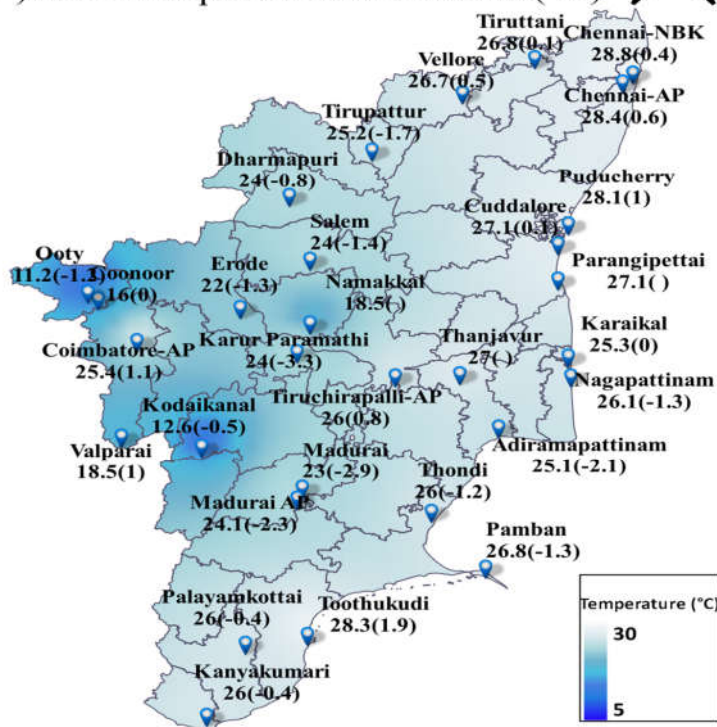
N.B. The departure from normal maximum temperature is given in brackets.



Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 12/05/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 12/05/2023



The lowest temperature recorded in the plains : 18.5° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 11.2° 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