

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
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DATE: Monday, February 20, 2023 (1 Phalgun 1944)

Time of issue: 1230 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:

Karur Paramathi recorded highest maximum temperature of 35.5 °C in the state.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0°)	-----
Appreciable fall (-2.1 ° C to -4.0°)	Over Nilgiris district.
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 Kanyakumari district.
Below normal (-1.6 ° to -3.0 ° C)	Over Coimbatore, Tirupattur and Nilgiris districts.
Appreciably below normal (3.1 to -5.0°C)	Over Thanjavur district.
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 18.0 °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 Tirunelveli and Erode 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)	-----
Below normal (-1.6 ° to -3.0 ° C)	Over 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 (20-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 2 (21-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 3 (22-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 4 (23-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 5 (24-02-2023)	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 32-33°C and 22°C respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Maximum and minimum temperature is likely to be around 32-33°C and 22°C respectively.

P. SENTHAMARAI KANNAN
SCIENTIST 'E'

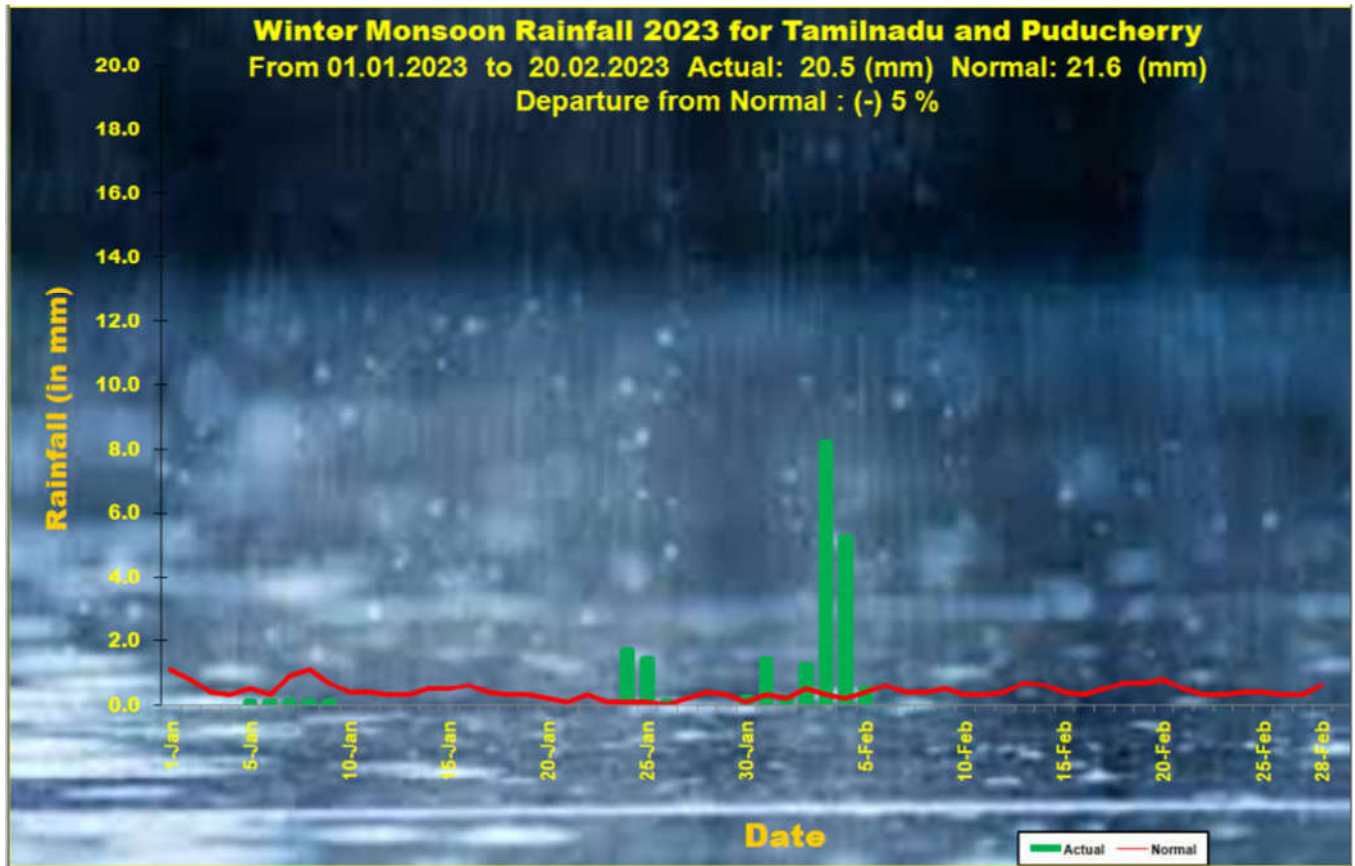
For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:20-02-2023 (1 Phalguna 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	
Adiramapattinam	32.4	0.2	20.8	-1.3	88	6	0	120.3	67.9	12	124	
Chennai	32.2	0.7	21.8	-0.8	79	0	0	4.9	-24.8	1	140	
Chennai_AP	32.6	0.5	21.0	-1.4	82	3	0	6.0	-28.8	1	138	
Coimbatore_AP	32.8	-1.8	21.2	0.9	75	0	0	2.8	-4.7	Tr	59	m*
Coonoor	20.9	-1.1	10.0	-0.9	79	20	0	26.4	-51.9	3	159	
Cuddalore	31.8	0.7	22.4	0.7	88	5	0	17.7	-35.5	2	134	
Dharmapuri	32.4	-1.4	19.2	-0.2	82	11	0	2.0	-5.7	Tr	91	
Erode	34.8	--	18.2	--	86	--	0	1.2	--	Tr	--	
Kanyakumari	34.4	2.6	24.9	0.7	68	-1	0	10.6	-10.3	1	75	
KarurParamathi	35.5	1.0	20.5	-0.7	83	3	0	13.2	3.5	1	59	
Karaikal	30.2	-0.5	23.0	-0.5	96	15	0	128.3	58.5	13	150	
Kodaikanal	18.6	-1.4	8.4	-0.9	56	-4	0	49.9	-0.6	5	158	
Madurai City	33.8	-0.5	20.6	-1.9	75	0	0	12.3	--	1	--	
Madurai_AP	34.6	0.4	22.1	0.1	70	-5	0	11.6	-10.5	1	85	
Nagapattinam	31.1	0.5	23.8	0.1	87	7	0	137.6	70.9	14	143	
Namakkal	34.0	--	18.0	--	--	--	0	3.0	--	Tr	--	
Palayamkottai	33.8	-0.6	23.8	0.5	78	-4	0	40.0	3.5	4	73	
Pamban	31.5	0.3	21.9	-2.4	83	11	0	62.4	-11.2	6	91	
Parangipettai	33.6	--	22.0	--	93	--	0	68.1	13.3	7	139	
Puducherry	32.8	1.4	20.6	-1.3	96	11	0	9.6	-23	1	134	z*
Salem	34.5	-1.1	19.0	-2.0	74	3	0	1.3	-3.2	Tr	102	z*
Thanjavur	31.0	-3.2	23.2	0.8	72	-13	0	44.7	22.2	5	95	
Thirupattur	32.8	-1.8	20.6	0.9	86	11	0	0	-7	0	95	
Tiruchirappalli_AP	33.3	-0.5	21.6	-0.5	78	0	0	30.6	12.6	3	87	m*
Tiruthani	33.3	-0.2	19.5	-0.5	79	0	0	0	-17.4	0	101	z*
Tondi	32.4	1.4	23.0	-0.3	84	4	0	48.7	2	5	88	
Thoothukudi	NA	--	21.9	-0.9	83	0	0	23.0	-11.9	2	63	
Udagamandalam	20.1	-2.3	6.4	-1.3	72	3	0	8.0	-3.1	1	116	
Valparai	30.0	--	9.5	--	91	--	0	31.8	17.3	3	--	
Vellore	33.1	-0.7	21.0	1.2	86	2	0	0	-17.4	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		20.02.2023			From 01.01.2023 to 20.02.2023		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	0.8	-100	20.4	21.5	-5
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.3	-100	21.8	23.4	-7
687	CHENGALPATTU	0.0	0.0	-100	2.5	22.2	-89
461	CHENNAI	0.0	0.1	-100	2.2	35.4	-94
462	COIMBATORE	0.0	1.0	-100	15.1	13.9	9
463	CUDDALORE	0.0	0.4	-100	28.2	36.3	-22
464	DHARMAPURI	0.0	1.0	-100	0.3	8.5	-97
465	DINDIGUL	0.0	1.4	-100	26.0	21.0	24
466	ERODE	0.0	0.6	-100	1.1	9.8	-89
688	KALLAKURICHI	0.0	0.4	-100	3.5	17.7	-80
467	KANCHEEPURAM	0.0	0.1	-100	1.8	17.6	-90
468	KANYAKUMARI	0.0	0.9	-100	15.9	31.9	-50
636	KARAIKAL	0.0	0.8	-100	128.3	69.8	84
469	KARUR	0.0	0.5	-100	17.1	9.4	82
470	KRISHNAGIRI	0.0	0.6	-100	0.2	5.6	-97
471	MADURAI	0.0	0.8	-100	14.1	17.8	-21
695	MAYILADUTHURAI	0.0	0.6	-100	78.3	46.7	68
472	NAGAPATTINAM	0.0	1.2	-100	200.2	59.0	239
473	NAMAKKAL	0.0	2.5	-100	3.2	9.4	-66
474	NILGIRIS	0.0	2.2	-100	13.8	33.8	-59
475	PERAMBALUR	0.0	0.4	-100	13.2	15.5	-15
476	PUDUCHERRY	0.0	0.1	-100	9.6	32.6	-71
477	PUDUKKOTTAI	0.0	0.6	-100	59.8	18.0	232
478	RAMANATHAPURAM	0.0	1.1	-100	36.0	43.1	-16
689	RANIPET	0.0	0.2	-100	0.0	13.1	-100
479	SALEM	0.0	0.9	-100	7.0	8.6	-19
480	SIVAGANGA	0.0	0.7	-100	35.7	23.0	55
690	TENKASI	0.0	0.9	-100	24.3	47.6	-49
481	THANJAVUR	0.0	0.8	-100	72.7	34.6	110
482	THENI	0.0	1.4	-100	14.1	24.3	-42
483	TIRUNELVELI	0.0	1.0	-100	41.6	51.5	-19
691	TIRUPATTUR	0.0	1.0	-100	0.0	8.4	-100
535	TIRUPPUR	0.0	0.9	-100	8.2	8.5	-4
484	TIRUVALLUR	0.0	0.1	-100	1.4	23.0	-94
485	TIRUVANNAMALAI	0.0	0.9	-100	0.3	16.8	-98
486	TIRUVARUR	0.0	1.0	-100	97.2	42.4	129
488	TOOTHUKUDI	0.0	1.5	-100	21.7	30.4	-29
487	TRICHY	0.0	0.3	-100	21.2	12.8	66
489	VELLORE	0.0	0.3	-100	1.5	12.1	-88
490	VILLUPURAM	0.0	0.2	-100	0.4	20.1	-98
491	VIRUDHUNAGAR	0.0	1.0	-100	15.9	26.8	-41
	SUBDIVISION RAINFALL	0.0	0.8	-100	20.5	21.6	-5
LEGEND	PDN*	Percentage Departure from Normal					
		Rainfall for the 24 hrs ending at 0630 hrs of date					



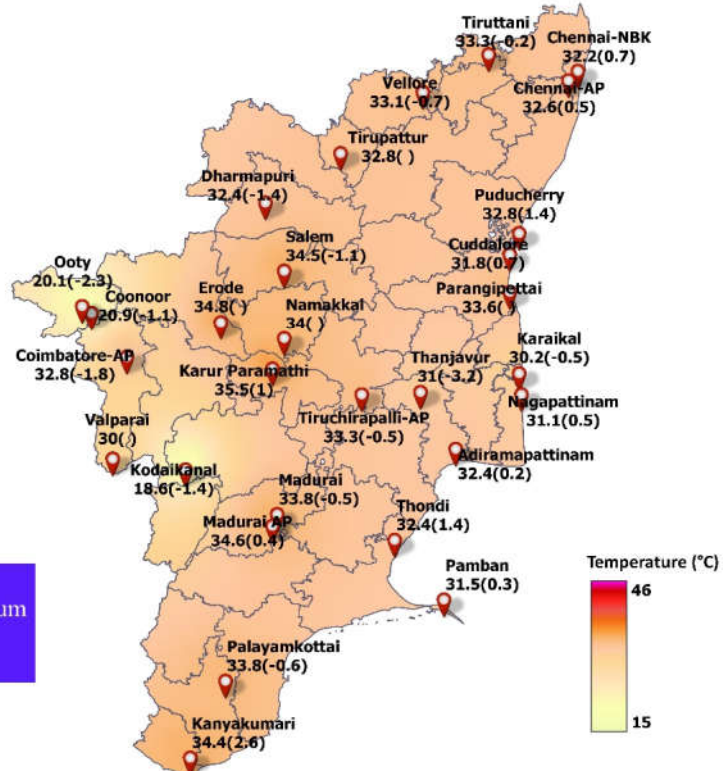
Realised Maximum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 20/02/2023) and its departure from normal(°C)



India Meteorological Department
 Regional Meteorological Centre, Chennai
 Date: 20/02/2023

The highest temperature recorded : 35.5°C
 Place : Karur Paramathi

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



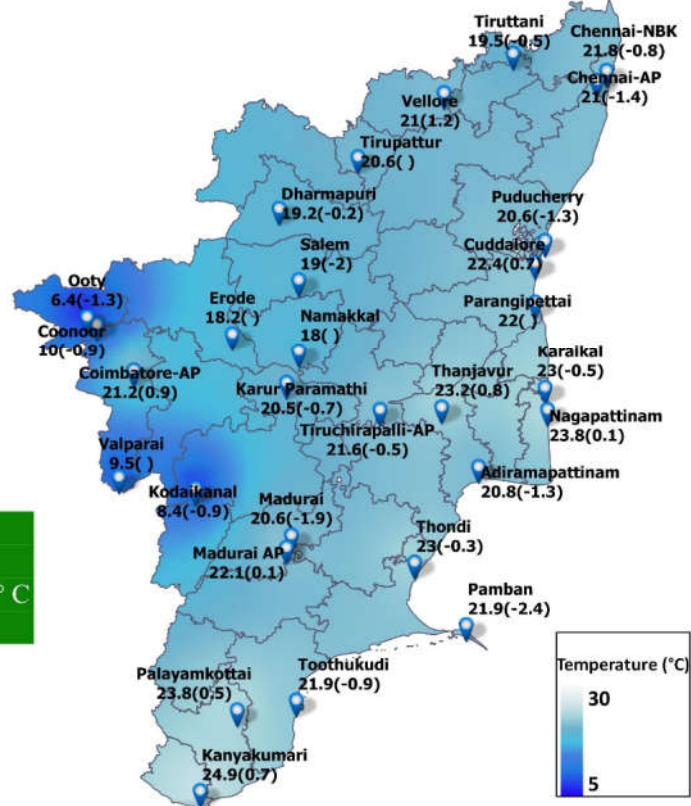


Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 20/02/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai

Date : 20/02/2023



The lowest temperature recorded in the plains : 18° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 6.4° C
Place : Ooty

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

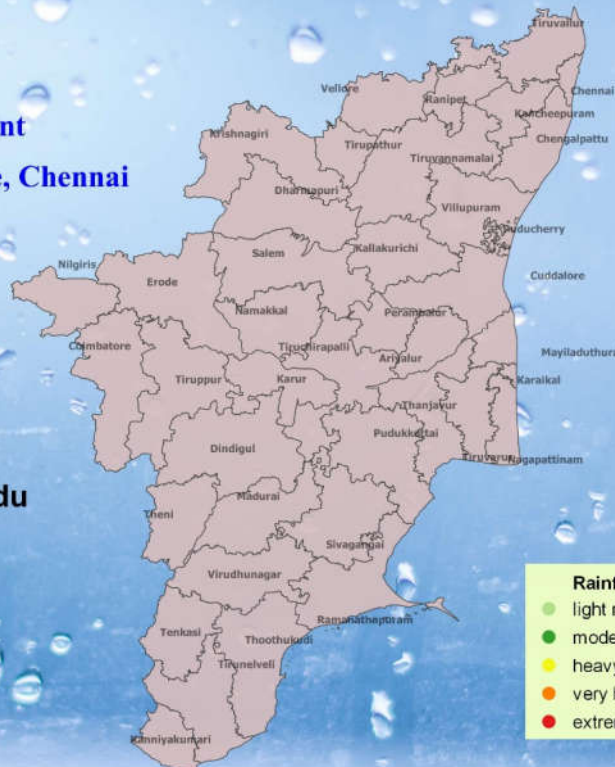


Realised rainfall (mm) during the past 24 hours (upto 08:30 IST of 20/02/2023)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 20/02/2023

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