

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
6, College Road
Chennai-600006
Phone: 044- 28271951

DATE: Tuesday, February 7, 2023 (18 Magha 1944)

Time of issue: 1200 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:

Erode recorded highest maximum temperature of 35.2 °C in the region.

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°)	At one or two places over Nilgiris and Coimbatore districts.
Markedly fall (-4.1° c or less)	-----
No large change (-2.1° C to 2.0° C)	Over rest of the region.

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)	-----
Below normal (-1.6 ° to -3.0 ° C)	At one or two places over Tirunelveli, Thanjavur and Tirichirappalli districts.
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 region.

Namakkal recorded the lowest minimum temperature of 16.0 °C in the plains of the subdivision.

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°)	-----
Markedly rise (4.1° c or more)	-----
No large change (-2.0° C to 2.0° C)	Over the entire 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 Karur, Madurai, Salem districts and Karaikal.
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 (07-02-2023)	Light / moderate rain is likely to occur at one or two places over South Tamilnadu. Dry weather is likely to prevail over North Tamilnadu, Puducherry and Karaikal area.
Day 2 (08-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 3 (09-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 4 (10-02-2023)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 5 (11-02-2023)	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 31°C and 21-22°C respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Maximum and minimum temperature is likely to be around 31°C and 21-22°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:07-02-2023 (18 Magha 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	30.6	-0.8	20.6	-0.5	98	13	0	120.3	81.5	12	124	42
Chennai	30.3	-0.2	22.2	0.4	90	9	0	4.9	-15.5	1	140	m*
Chennai_AP	31.7	1.0	21.6	0.2	93	11	0	6.0	-20.5	1	138	m*
Coimbatore_AP	33.0	0.3	18.2	-1.1	54	-23	0	2.8	0.4	Tr	59	z*
Coonoor	22.0	1.1	10.2	0.2	56	-12	0	26.4	-20	3	159	
Cuddalore	29.2	-0.9	21.0	0.2	95	11	0	17.7	-26.9	2	134	z*
Dharmapuri	32.5	0.9	17.2	-1.0	74	1	0	2.0	-2.2	Tr	91	
Erode	35.2	--	16.4	--	86	--	0	1.2	--	Tr	--	
Kanyakumari	32.8	1.2	22.4	-1.3	83	14	0	10.6	-3.3	1	75	
KarurParamathi	33.5	1.0	17.5	-2.3	82	1	0	13.2	7.5	1	59	
Karaikal	29.0	-0.6	21.0	-1.8	98	17	0	128.3	68.1	13	150	
Kodaikanal	17.7	-1.0	7.4	-1.2	47	-17	0	49.9	12.4	5	158	
Madurai City	31.0	-1.6	20.0	-1.4	78	1	0	12.3	--	1	--	
Madurai_AP	32.7	0.2	18.1	-2.9	67	-10	0	11.6	-7.3	1	85	
Nagapattinam	29.6	0.2	21.4	-1.4	96	14	0	137.6	79.7	14	143	z*
Namakkal	32.5	--	16.0	--	--	--	0	3.0	--	Tr	--	
Palayamkottai	30.7	-1.9	21.4	-1.2	67	-15	0	40.0	12.7	4	73	
Pamban	28.7	-1.2	22.5	-1.4	87	11	0	62.4	-1.3	6	91	
Parangipettai	31.3	--	21.0	--	96	--	0	68.1	23.1	7	139	
Puducherry	31.2	0.7	19.8	-1.3	96	10	0	9.6	-14.6	1	134	z*
Salem	35.1	1.3	17.2	-2.6	75	3	0	1.3	-0.9	Tr	102	z*
Thanjavur	30.0	-2.6	21.6	0.7	70	-16	0	44.7	28.7	5	95	
Thirupattur	32.4	-0.3	19.6	1.5	89	11	0	0	-3.4	0	95	m*
Tiruchirappalli_AP	29.7	-2.3	21.0	0.1	88	8	0	30.6	16.1	3	87	m*
Tiruthani	32.5	0.4	19.5	1.5	83	3	0	0	-12.8	0	101	z*
Tondi	30.0	-0.2	21.0	-1.2	88	6	0	48.7	12.4	5	88	
Thoothukudi	30.0	-0.1	22.1	0.2	88	5	0	23.0	2.5	2	63	
Udagamandalam	21.2	-0.5	6.9	0.4	80	12	0	8.0	1.1	1	116	
Valparai	29.0	--	8.0	--	90	--	0	31.8	22.7	3	--	
Vellore	33.3	1.4	19.2	1.0	84	-2	0	0	-10.1	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

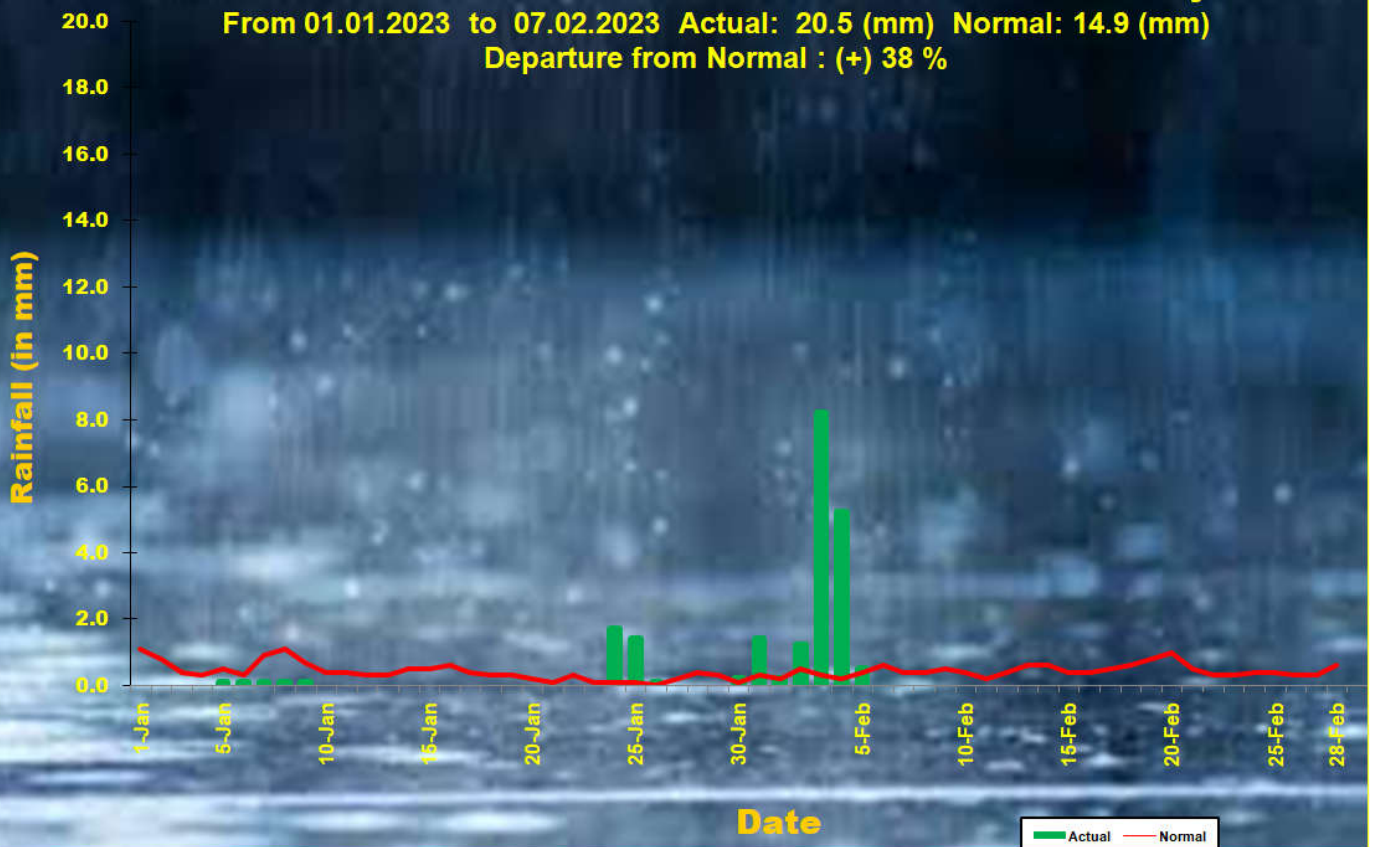
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

WINTER-MONSOON RAINFALL 2022		07.02.2023			From 01.01.2023 to 07.02.2023		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	0.5	-100	20.4	14.9	37
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.5	-100	21.8	18.9	15
687	CHENGALPATTU	0.0	0.3	-100	2.5	15.3	-83
461	CHENNAI	0.0	0.8	-100	2.2	24.1	-91
462	COIMBATORE	0.0	0.4	-100	15.1	8.2	84
463	CUDDALORE	0.0	1.0	-100	28.2	29.1	-3
464	DHARMAPURI	0.0	0.1	-100	0.3	4.2	-94
465	DINDIGUL	0.0	0.4	-100	26.0	14.5	79
466	ERODE	0.0	0.3	-100	1.1	4.9	-79
688	KALLAKURICHI	0.0	0.6	-100	3.5	14.1	-75
467	KANCHEEPURAM	0.0	0.6	-100	1.8	12.5	-86
468	KANYAKUMARI	0.0	1.1	-100	15.9	19.6	-19
636	KARAIKAL	0.0	2.5	-100	128.3	60.2	113
469	KARUR	0.0	0.3	-100	17.1	5.2	229
470	KRISHNAGIRI	0.0	0.1	-100	0.2	2.9	-95
471	MADURAI	0.0	0.2	-100	14.1	12.1	17
695	MAYILADUTHURAI	0.0	1.0	-100	78.3	39.4	99
472	NAGAPATTINAM	0.0	1.6	-100	200.2	50.1	300
473	NAMAKKAL	0.0	0.1	-100	3.2	4.7	-33
474	NILGIRIS	0.0	0.7	-100	13.8	20.1	-31
475	PERAMBALUR	0.0	0.9	-100	13.2	11.1	19
476	PUDUCHERRY	0.0	0.6	-100	9.6	24.2	-60
477	PUDUKKOTTAI	0.0	0.4	-100	59.8	13.5	343
478	RAMANATHAPURAM	0.0	0.2	-100	36.0	34.7	4
689	RANIPET	0.0	0.4	-100	0.0	8.5	-100
479	SALEM	0.0	0.3	-100	7.0	4.7	48
480	SIVAGANGA	0.0	0.1	-100	35.7	16.2	120
690	TENKASI	0.0	0.4	-100	24.3	28.3	-14
481	THANJAVUR	0.0	0.8	-100	72.7	27.2	167
482	THENI	0.0	0.9	-100	14.1	15.6	-10
483	TIRUNELVELI	0.0	0.8	-100	41.6	35.5	17
691	TIRUPATTUR	0.0	0.5	-100	0.0	3.7	-100
535	TIRUPPUR	0.0	0.3	-100	8.2	4.6	77
484	TIRUVALLUR	0.0	0.7	-100	1.4	15.3	-91
485	TIRUVANNAMALAI	0.0	0.8	-100	0.3	10.9	-98
486	TIRUVARUR	0.0	1.1	-100	97.2	33.9	187
488	TOOTHUKUDI	0.0	0.4	-100	21.7	20.0	8
487	TRICHY	0.0	0.3	-100	21.2	9.7	119
489	VELLORE	0.0	0.3	-100	1.5	7.2	-79
490	VILLUPURAM	0.0	0.6	-100	0.4	13.0	-97
491	VIRUDHUNAGAR	0.0	0.2	-100	15.9	18.0	-11
	SUBDIVISION RAINFALL	0.0	0.4	-100	20.5	14.9	38
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

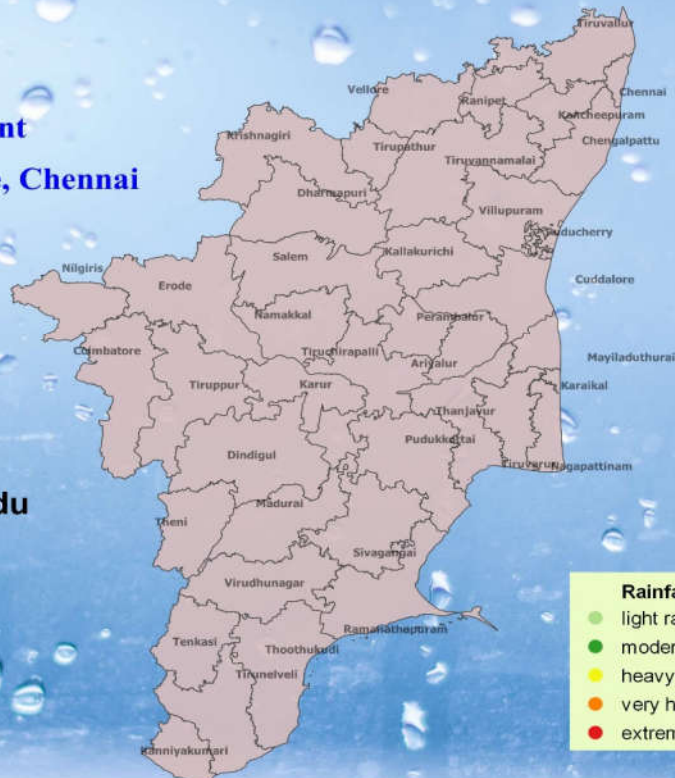
Winter Monsoon Rainfall 2023 for Tamilnadu and Puducherry
From 01.01.2023 to 07.02.2023 Actual: 20.5 (mm) Normal: 14.9 (mm)
Departure from Normal : (+) 38 %



Realised rainfall (mm) during the past 24 hours
(upto 08:30 IST of 07/02/2023)

India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 07/02/2023

NIL Rainfall over TamilNadu





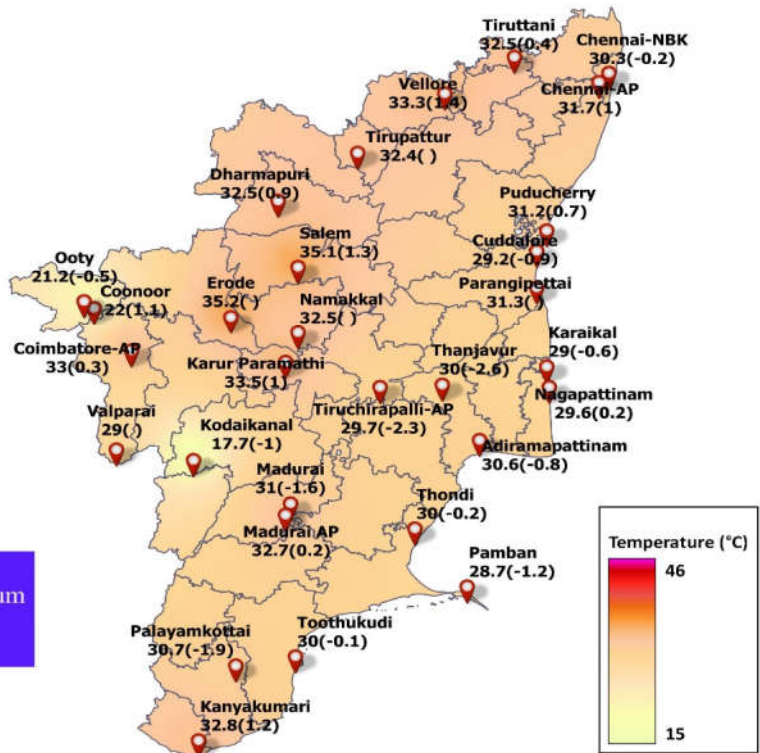
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 07/02/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 07/02/2023

The highest temperature recorded : 35.2°C
Place : Erode

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



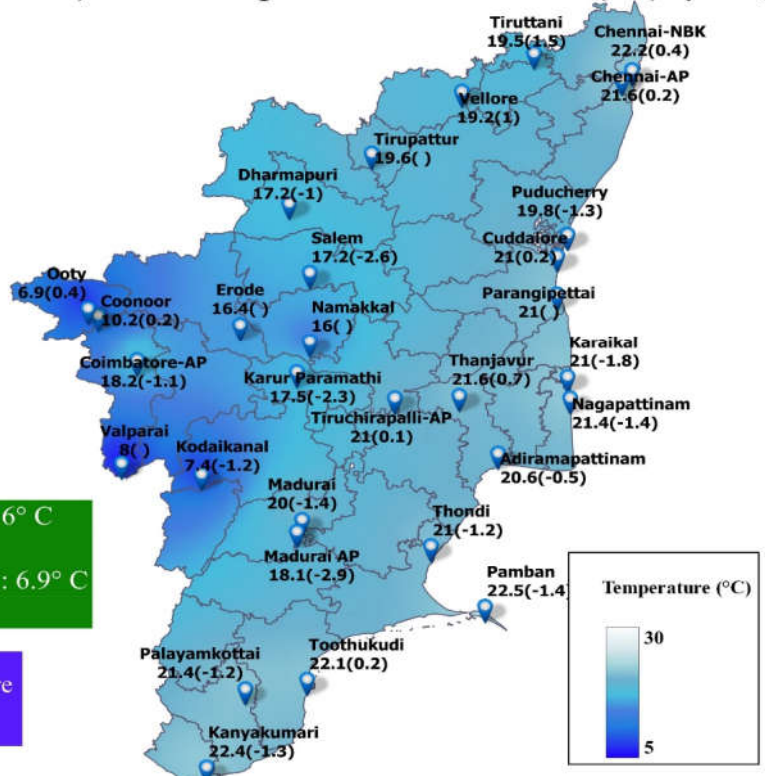
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 07/02/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 07/02/2023

The lowest temperature recorded in the plains : 16° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 6.9° 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