

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: Thursday, May 18, 2023 (28 Vaisakha 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 isolated places over Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Amaravathy Dam (dist Tiruppur) 3, Sular (dist Coimbatore), Shoolagiri (dist Krishnagiri), Valparai PAP (dist Coimbatore), Chinnar Dam (dist Krishnagiri), Valparai Taluk Office (dist Coimbatore), Pappireddipatti (dist Dharmapuri) 2 each, Glenmorgan (dist Nilgiris), Chinnakalar (dist Coimbatore), Palladam (dist Tiruppur), Periyanaickenpalayam (dist Coimbatore), Yercaud (dist Salem), Gudalur Bazar (dist Nilgiris), Ketti (dist Nilgiris), Coimbatore Airport (dist Coimbatore), Cincona (dist Coimbatore), Hosur (dist Krishnagiri), Palani (dist Dindigul), Gangavalli (dist Salem), Barwood (dist Nilgiris) 1 each.

DESCRIPTION OF TEMPERATURE:

Vellore recorded the highest maximum temperature of **41.6 °C** over the subdivision.

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, Chennai, Erode and Nagapattinam district.
Markedly fall (-4.1° c or less)	Over Chennai district and Puducherry.
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)	Over Karur district.
Appreciably above Normal (3.1 °C to 5.0 °C)	-----
Above normal (1.6° C to 3.0° C)	Over Coimbatore, Kanyakumari, Madurai, Tirunelveli, Tirupattur, Ramanathapuram and Vellore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Nilgiris district.
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:

Light to moderate Westerlies / Northwesterlies/ Southwesterlies prevail over the region in the lower tropospheric levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1 (18.05.2023)	Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu.
Day 2 (19.05.2023)	Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu.
Day 3 (20.05.2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu.
Day 4 (21.05.2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu.
Day 5 (22.05.2023)	Light to moderate rain is likely to occur at one or two places over Tamilnadu.

THUNDERSTORM WARNING

Day 1 (18.05.2023) & Day 2 (19.05.2023)	Thunderstorm & lightning is likely to occur at isolated places over Tamilnadu.
---	--

MAXIMUM TEMPERATURE FORECAST	WARNING
Date: 18.05.2023 to 20.05.2023: Maximum temperature is likely to be above normal by 2-3 °C at isolated pockets over Tamilnadu, Puducherry & Karaikal area during 18-05-2023 to 20-05-2023.	Due to humid air & high temperatures, hot & discomfort weather is very likely during 18-20 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 38-39 °C and minimum temperature is likely to be around 28-29 °C.

For next 48 HRS: Sky condition is likely to be partly cloudy. Maximum temperature is likely to be around 38-39 °C and minimum temperature is likely to be around 28-29 °C.

P. Senthamarai Kannan
SCIENTIST 'E'
For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:18-05-2023 (28 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	34.2	-0.3	28.7	1.7	79	6	0.0	266.6	138.0	39	124	
Chennai	37.1	-0.3	29.3	1.2	74	8	0.0	99.1	54.2	10	140	
Chennai_AP	39.4	1.0	27.6	0.0	75	10	0.0	132.9	73.3	14	138	
Coimbatore_AP	37.2	2.6	25.2	1.4	82	4	9.2	110.4	17.6	11	59	r*
Coonoor	26.2	1.4	16.7	0.5	83	13	0.0	397.4	121.6	42	159	
Cuddalore	38.0	1.2	28.4	1.6	83	12	0.0	161.6	94.6	18	134	
Dharmapuri	37.7	1.4	25.5	1.0	74	9	0.0	161.0	31.9	16	91	
Erode	38.4	0.5	23.5	0.1	76	12	0.0	162.8	--	16	--	
Kanyakumari	34.8	2.4	26.0	-0.1	85	7	0.0	110.6	-7.4	12	75	
KarurParamathi	41.0	5.2	26.0	0.9	67	-4	0.0	54.6	-49.7	7	59	
Karaikal	37.0	0.6	28.0	1.0	78	5	0.0	153.2	66.8	28	150	
Kodaikanal	21.6	0.6	13.6	0.5	65	-7	0.5	452.3	173.6	50	158	r*
Madurai_City	40.0	2.5	25.6	0.1	76	1	0.0	335.0	--	35	--	
Madurai_AP	40.4	2.4	27.5	1.1	78	16	0.0	136.9	22.9	15	85	m*
Nagapattinam	37.3	0.8	28.1	0.9	84	10	0.0	56.2	-30.0	19	143	
Namakkal	37.0	--	23.0	--	NA	--	0.0	112.5	--	11	--	
Palayamkottai	39.0	1.7	26.9	0.7	67	-2	0.0	223.4	87.0	26	73	
Pamban	33.7	-0.5	26.6	-1.5	84	8	0.0	227.4	124.4	29	91	
Parangipettai	40.7	--	28.5	--	88	--	0.0	61.3	-9.6	13	139	
Puducherry	36.6	-0.3	28.3	1.3	78	5	0.0	133.2	55.4	14	134	
Salem	37.7	0.9	25.3	0.2	69	-3	0.0	118.5	-4.3	12	102	
Thanjavur	39.0	--	28.6	--	70	--	0.0	148.0	79.2	19	95	
Thirupattur	39.0	1.6	27.6	2.2	88	20	0.8	257.6	158.8	26	95	r*
Tiruchirappalli_AP	39.3	1.3	28.0	1.2	78	11	0.0	152.1	65.3	18	87	m*
Tiruthani	41.5	1.5	28.0	1.4	76	17	0.0	146.0	81.4	15	101	
Tondi	35.7	1.7	29.5	2.5	82	8	0.0	295.4	175.8	34	88	
Thoothukudi	34.0	-0.9	28.2	1.8	86	13	0.0	71.1	-39.2	9	63	
Udagamandalam	20.7	-2.3	10.0	-2.4	83	10	1.8	237.6	55.6	25	116	r*
Valparai	28.5	1.3	16.0	-1.7	90	3	1.8	671.4	424.3	70	--	r*
Vellore	41.6	2.4	28.7	2.6	81	15	0.0	186.3	101.7	19	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

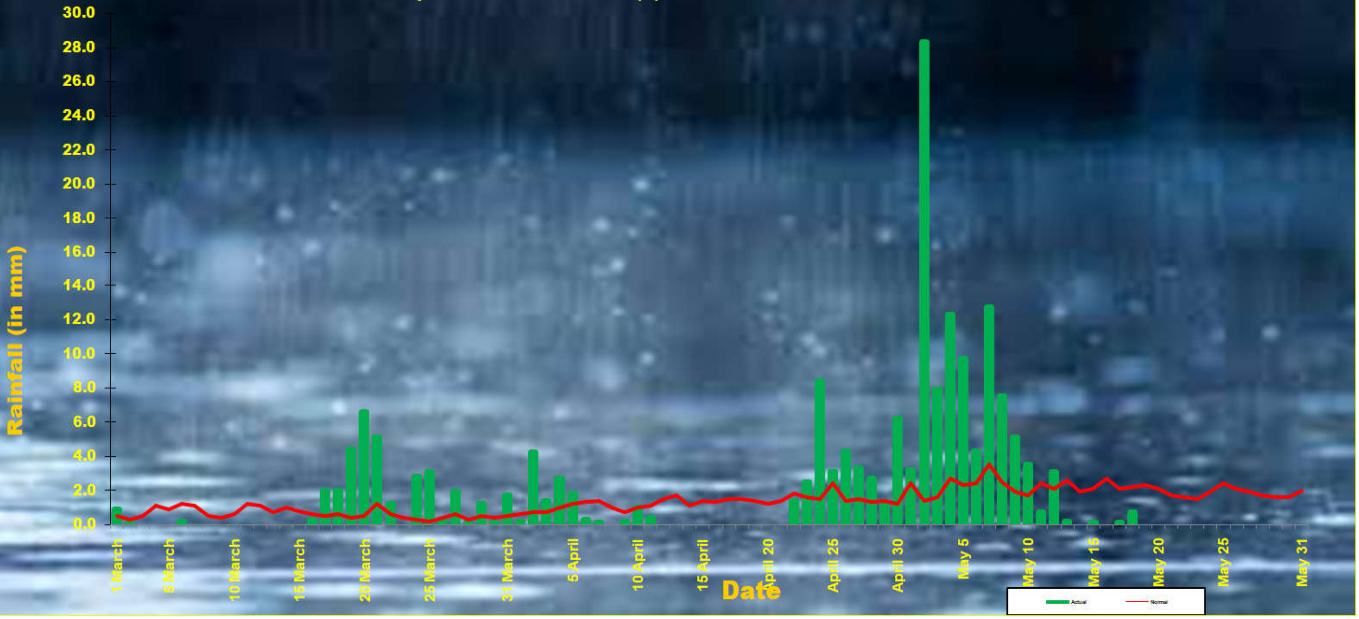
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

PRE-MONSOON RAINFALL 2022		18.05.2023			From 01.03.2023 to 18.05.2023		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.7	2.2	-68	179.2	99.2	81
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.9	-100	133.2	58.5	128
687	CHENGALPATTU	0.0	3.0	-100	93.5	46.1	103
461	CHENNAI	0.0	1.7	-100	102.6	38.7	165
462	COIMBATORE	4.5	2.2	103	329.8	128.5	157
463	CUDDALORE	0.0	0.9	-100	198.2	64.0	210
464	DHARMAPURI	1.8	5.0	-64	211.6	120.9	75
465	DINDIGUL	1.4	2.1	-33	282.7	140.3	101
466	ERODE	0.0	2.7	-100	187.1	113.4	65
688	KALLAKURICHI	0.0	3.0	-100	186.2	60.1	210
467	KANCHEEPURAM	0.0	2.5	-100	105.7	52.4	102
468	KANYAKUMARI	0.0	4.8	-100	214.2	217.2	-1
636	KARAIKAL	0.0	0.6	-100	153.2	86.4	77
469	KARUR	0.0	3.5	-100	103.4	87.5	18
470	KRISHNAGIRI	3.4	3.4	1	179.1	104.5	71
471	MADURAI	0.0	1.2	-100	175.2	113.5	54
695	MAYILADUTHURAI	0.0	0.7	-100	68.7	72.2	-5
472	NAGAPATTINAM	0.0	0.5	-100	178.1	78.2	128
473	NAMAKKAL	0.0	3.5	-100	145.4	109.4	33
474	NILGIRIS	2.0	3.2	-39	230.8	169.9	36
475	PERAMBALUR	0.0	2.0	-100	168.7	65.8	156
476	PUDUCHERRY	0.0	1.5	-100	133.2	77.8	71
477	PUDUKKOTTAI	0.0	1.9	-100	152.1	68.0	124
478	RAMANATHAPURAM	0.0	1.1	-100	162.4	97.6	66
689	RANIPET	0.0	1.5	-100	227.9	56.8	301
479	SALEM	1.1	3.8	-72	177.3	122.6	45
480	SIVAGANGA	0.7	1.5	-56	160.6	103.7	55
690	TENKASI	0.1	2.0	-98	208.5	169.4	23
481	THANJAVUR	0.0	0.9	-100	159.3	78.7	102
482	THENI	1.1	1.8	-38	191.6	149.0	29
483	TIRUNELVELI	0.0	1.5	-100	143.8	121.9	18
691	TIRUPATTUR	0.4	3.3	-89	171.1	77.7	120
535	TIRUPPUR	2.4	2.5	-6	124.1	103.3	20
484	TIRUVALLUR	0.0	1.6	-100	120.5	48.9	147
485	TIRUVANNAMALAI	0.0	2.6	-100	239.0	70.8	238
486	TIRUVARUR	0.0	0.9	-100	146.4	86.6	69
488	TOOTHUKUDI	0.5	0.7	-26	113.4	101.2	12
487	TRICHY	0.0	1.9	-100	118.6	78.8	51
489	VELLORE	0.0	2.8	-100	204.8	73.8	178
490	VILLUPURAM	0.0	1.4	-100	138.6	49.0	183
491	VIRUDHUNAGAR	0.5	1.1	-54	237.8	125.0	90
	SUBDIVISION RAINFALL	0.7	2.2	-69	179.0	99.1	81
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

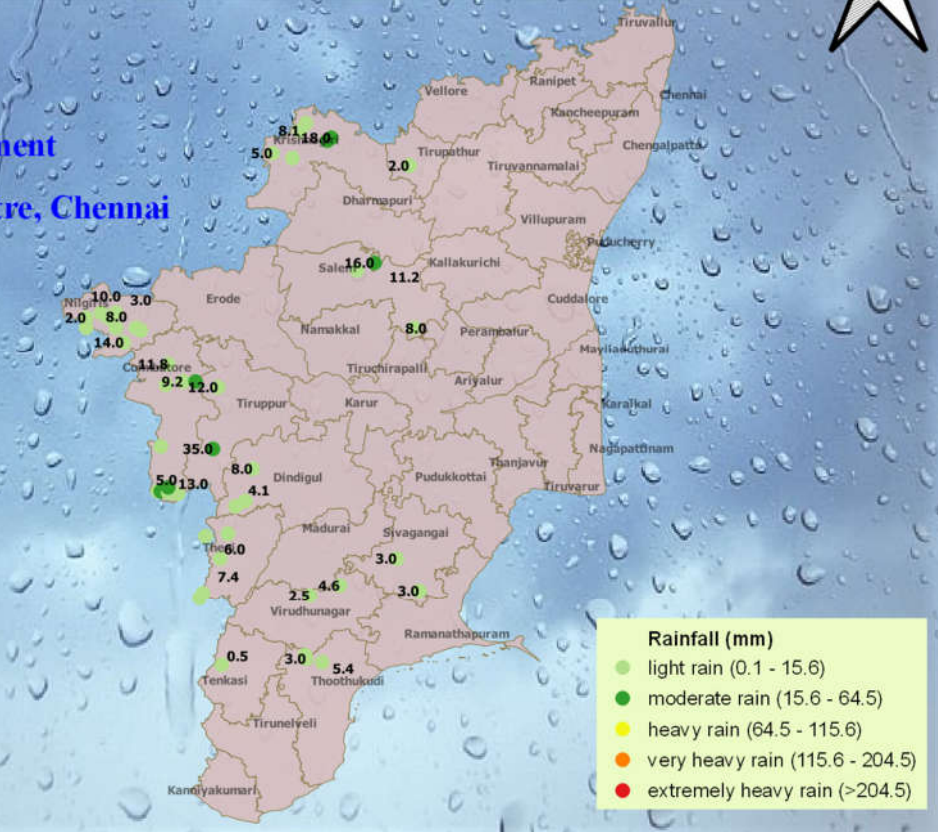
Premonsoon Rainfall 2023 for Tamilnadu and Puducherry
 From 01.03.2023 to 18.05.2023 Actual: 179.0 (mm) Normal: 99.1 (mm)
 Departure from Normal : (+) 81 %



Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 18/05/2023)



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 18/05/2023



- 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)



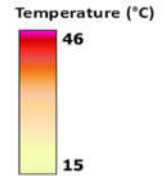
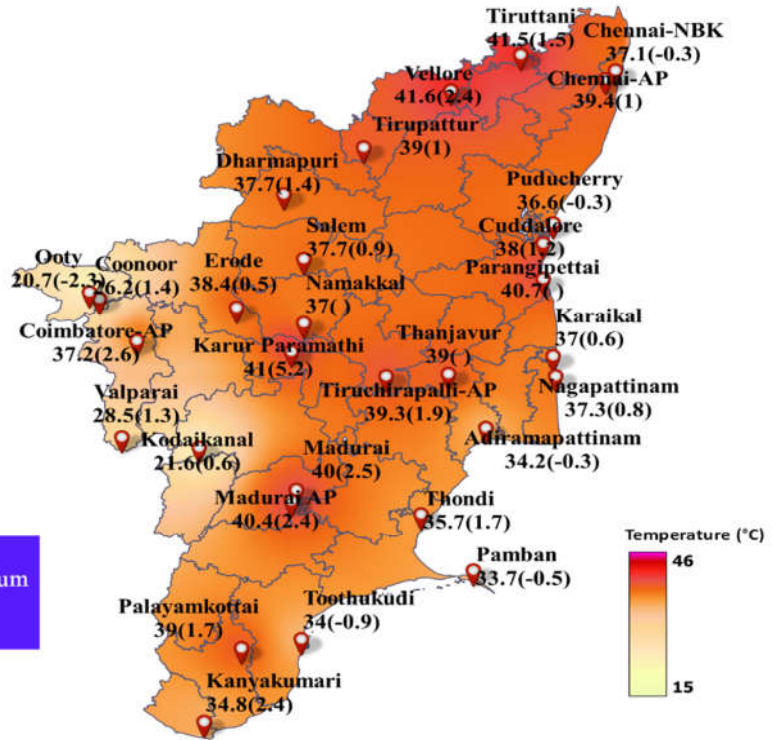
Realised Maximum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 18/05/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 18/05/2023

The highest temperature recorded : 41.6°C
Place : Vellore

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



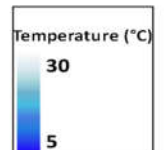
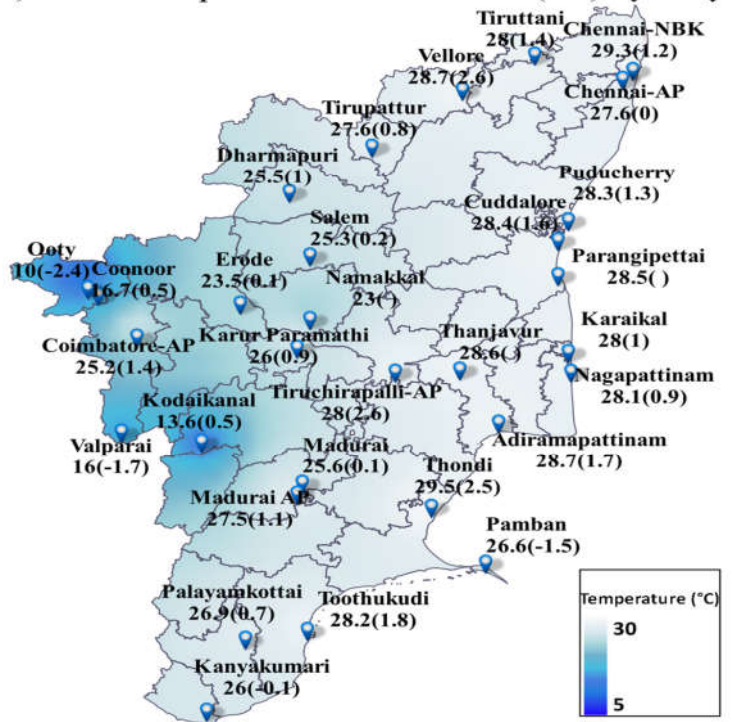
Realised Minimum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 18/05/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 18/05/2023

The lowest temperature recorded in the plains : 23° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 10° 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