



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,
Chennai-600006
Phone: 044- 28271951

DATE: Wednesday, December 25, 2024 (4 Pausa 1946)

Time of issue: 1230 Hrs IST

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

Summary of observations over Tamil Nadu, Puducherry and Karaikal recorded at 0830 hrs IST:

Rainfall occurred at one or two places over North Tamilnadu. Dry weather prevailed over South Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: None

DESCRIPTION OF TEMPERATURE: (in the plains)

Tondi recorded the highest maximum temperature of **34.7°C**.

Erode recorded the lowest minimum temperature of **16.6°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly fall (-4.1° C or less)	Over Nilgiris district.
Appreciable fall (-2.1° C to -4.0°)	Over Tiruvallur district.
Appreciable rise (2.1 ° C to 4.0°)	Over Salem district.
Markedly rise (4.1° c or more)	-----
No large change (-2.0° C to 2.0° C)	Over the 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)	Over Dharmapuri, Thirupattur, Tiruchirappalli and Vellore districts.
Above Normal (1.6 ° C to 3.0 ° C)	Over Thanjavur, Chennai, Salem, Tiruvallur & Ramanathapuram districts and Puducherry.
Below normal (-1.6 ° to -3.0 ° C)	Over Kanyakumari district.
Appreciably below normal (- 3.1° C to -5.0°C)	Over Erode district.
Markedly below normal (- 5.0° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

SYNOPTIC METEOROLOGICAL FEATURE: Yesterday's **Well Marked Low Pressure Area** over Southwest & adjoining Westcentral Bay of Bengal off South Andhra Pradesh-North Tamil Nadu coasts now lies over Westcentral & adjoining Southwest Bay of Bengal off South Andhra Pradesh-North Tamil Nadu coasts at

0830 hrs IST of today, the 25th December, 2024. It is likely to weaken gradually into a low pressure area over the same region during next 24 hours.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (25.12.2024)	Light to moderate rain is likely to occur at a few places over North Coastal Tamilnadu; at one or two places over rest Tamilnadu and over Puducherry & Karaikal area.
Day 2 (26.12.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (27.12.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (28.12.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (29.12.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 6 (30.12.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (31.12.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD		
	Day 1 (25.12.2024)	Day 2 (26.12.2024)
Maximum Temperature	26-27°C.	Around 26°C.
Minimum Temperature	23-24°C.	23-24°C.
Sky Condition	Partly cloudy	Partly cloudy
Weather	Light/Moderate rain is likely to occur in some areas.	Moderate rain is likely to occur in some areas.
24 Hour Rainfall	Light/Moderate rain.	Moderate rain.

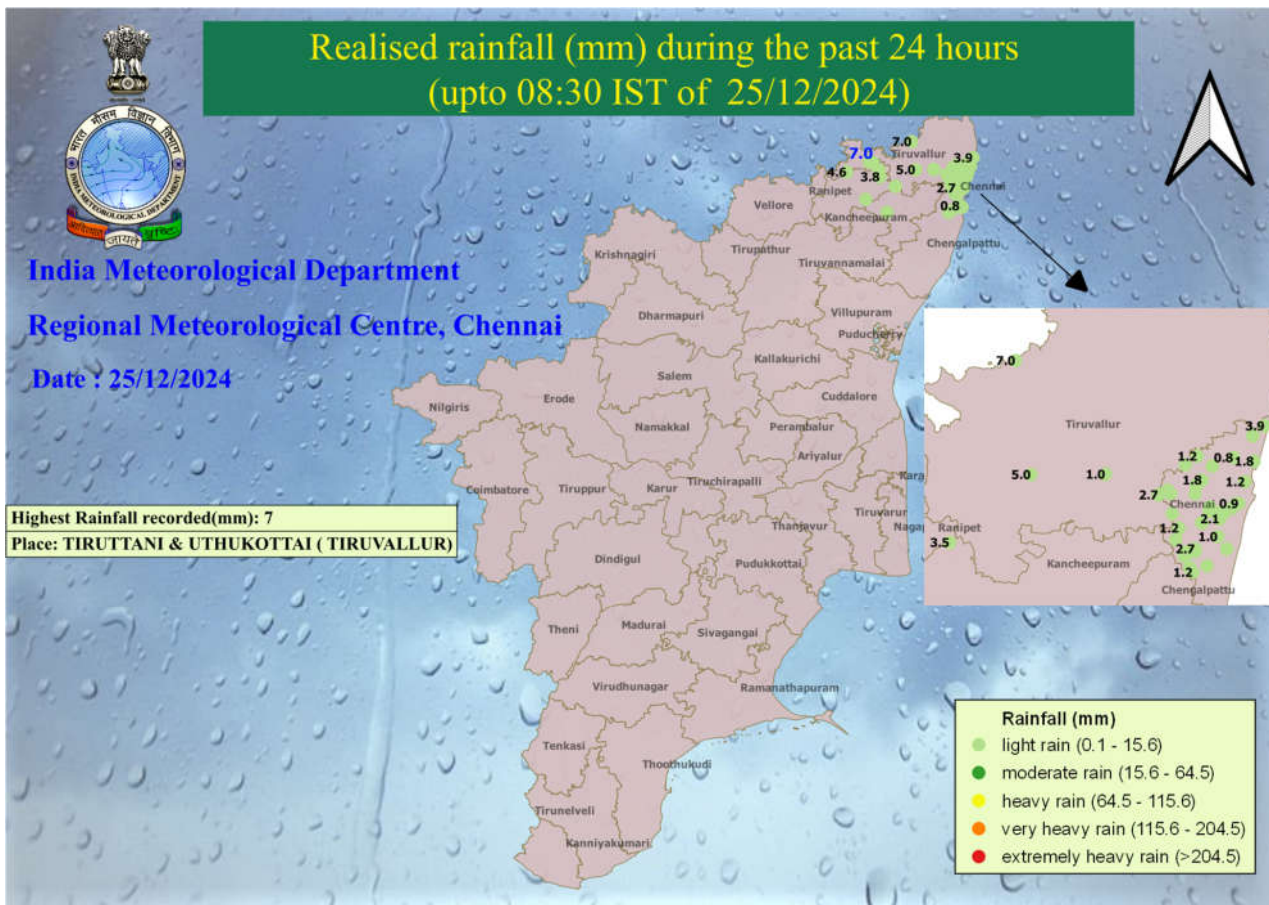
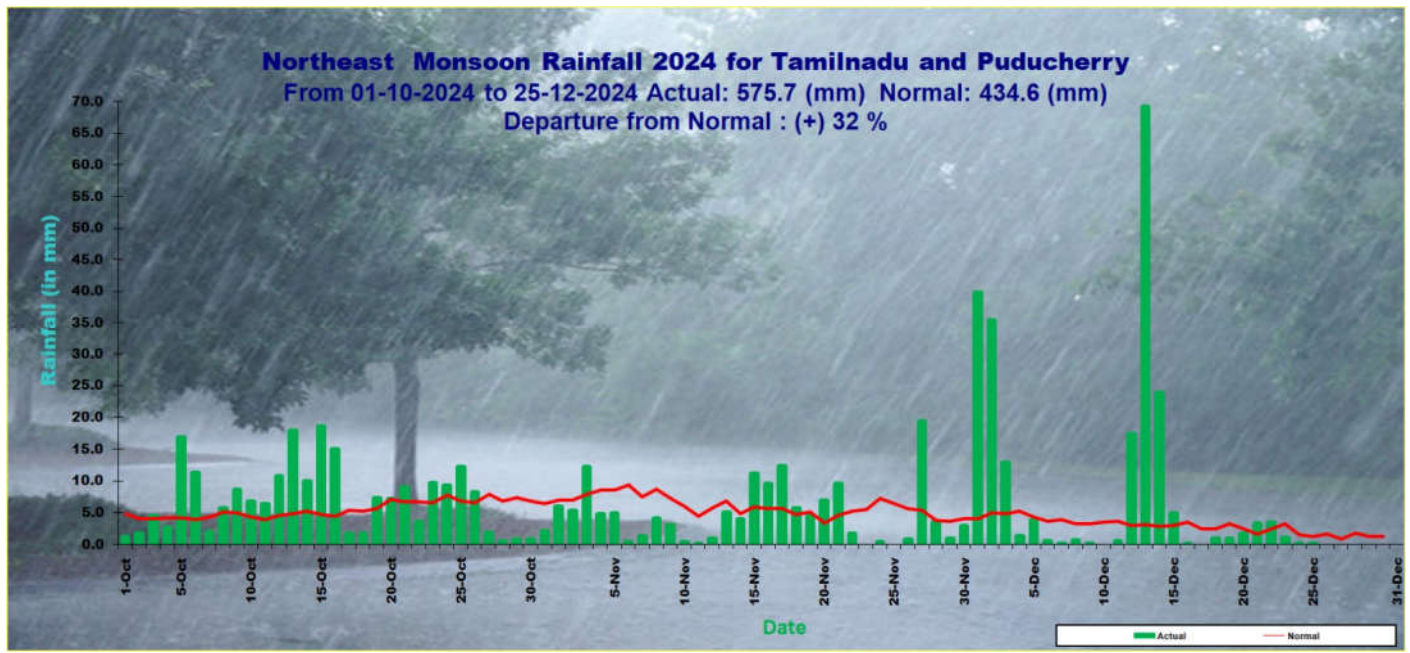
P. SENTHAMARAI KANNAN
SCIENTIST 'F'
For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:25-12-2024 (4 Pausa 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	1-10-2024	mm	
Adiramapattinam	32.5	2.9	22.8	1.6	83	-3	0.0	853.6	181.5	141	124	
Chennai	26.1	-3.1	23.3	1.7	91	9	1.8	1036.3	201.9	182	140	r*
Chennai_AP	25.8	-3.4	22.6	1.4	85	2	1.6	991.3	171.6	182	138	r*
Coimbatore_AP	32.4	2.9	20.4	1.3	89	7	0.0	438.0	146.9	79	59	m*
Coonoor	22.2	1.9	10.4	-0.3	94	20	0.0	783.4	-67.4	192	159	
Cuddalore	29.4	0.4	22.6	1.4	82	-4	0.0	1054.8	207.4	169	134	
Dharmapuri	29.0	1.0	21.5	3.8	83	1	0.0	627.0	312.3	116	91	
Erode	33.4	2.0	16.6	-4.3	87	15	0.0	424.0	--	83	--	
Kanyakumari	33.1	2.4	21.9	-1.8	75	4	0.0	290.8	-90.1	88	75	
KarurParamathi	34.0	4.9	17.5	-1.4	91	4	0.0	483.4	162.9	97	59	
Karaikal	30.6	2.0	23.6	1.2	88	3	0.0	1350.4	371.5	185	150	
Kodaikanal	18.8	1.0	7.5	-1.5	18	-45	0.0	678.7	67.6	168	158	
Madurai_City	33.2	2.3	21.0	-0.3	95	15	0.0	521.3	--	95	--	m*
Madurai_AP	34.6	4.4	22.6	1.4	92	15	0.0	420.2	62.8	76	85	m*
Nagapattinam	32.1	3.1	23.1	0.6	87	-1	0.0	1135.3	183.3	166	143	m*
Namakkal	NA	--	NA	--	NA	--	NA	--	--	--	--	
Palayamkottai	31.0	0.7	23.0	0.4	81	-2	0.0	470.4	0.9	84	73	
Pamban	31.9	3.2	23.5	-0.7	77	-6	0.0	921.0	246.7	129	91	
Parangipettai	32.3	--	23.5	--	85	--	0.0	891.2	-42.3	135	139	
Puducherry	28.2	-1.4	23.3	2.4	81	-7	0.0	1183.7	363.9	197	134	
Salem	29.7	-1.0	21.8	2.5	83	5	0.0	691.0	379.2	146	102	z*
Thanjavur	32.0	--	26.0	--	83	--	0.0	482.5	-97.4	79	95	
Thirupattur	26.0	-2.6	21.2	3.6	73	-10	0.0	497.2	237.8	117	95	
Tiruchirappalli_AP	32.6	2.8	24.6	3.6	92	10	0.0	687.7	297.1	119	87	m*
Tiruthani	25.8	-2.9	21.0	1.8	83	2	4.0	544.6	86.4	133	101	r*
Tondi	34.7	5.0	24.8	2.8	77	-6	0.0	629.5	107.6	122	88	
Thoothukudi	NA	--	NA	--	NA	--	NA	--	--	--	63	
Udagamandalam	22.0	0.8	5.6	-0.8	51	-20	0.0	386.6	15.8	131	116	
Valparai	26.5	-0.5	10.0	-1.2	91	5	0.0	790.0	374.6	431	290	
Vellore	27.7	-1.3	21.6	3.7	88	-1	0.0	509.8	132.1	125	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. 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							
NORTHEAST MONSOON RAINFALL 2024		25-12-2024			From 01-10-2024 to 25-12-2024		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.1	1.3	-96	574.1	433.1	33
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.4	-100	606.2	493.2	23
687	CHENGALPATTU	0.1	1.0	-91	699.9	696.4	0
461	CHENNAI	0.7	2.4	-71	1027.3	788.8	30
462	COIMBATORE	0.0	0.5	-100	501.6	332.7	51
463	CUDDALORE	0.0	2.7	-100	766.3	687.7	11
464	DHARMAPURI	0.0	0.4	-100	498.4	311.9	60
465	DINDIGUL	0.0	1.4	-100	591.2	449.7	31
466	ERODE	0.0	0.3	-100	318.9	303.8	5
688	KALLAKURICHI	0.0	1.9	-100	625.8	447.6	40
467	KANCHEEPURAM	0.1	0.7	-89	613.4	579.3	6
468	KANYAKUMARI	0.0	0.6	-100	536.8	525.5	2
636	KARAIKAL	0.0	7.4	-100	1350.0	978.9	38
469	KARUR	0.0	0.5	-100	423.3	308.4	37
470	KRISHNAGIRI	0.0	0.2	-100	511.8	276.4	85
471	MADURAI	0.0	0.6	-100	521.6	363.0	44
695	MAYILADUTHURAI	0.0	5.3	-100	915.1	868.6	5
472	NAGAPATTINAM	0.0	5.3	-100	1181.9	908.6	30
473	NAMAKKAL	0.0	0.2	-100	397.3	267.9	48
474	NILGIRIS	0.0	1.2	-100	479.3	493.0	-3
475	PERAMBALUR	0.0	2.6	-100	483.3	425.7	14
476	PUDUCHERRY	0.0	3.7	-100	850.4	819.8	4
477	PUDUKKOTTAI	0.0	0.7	-100	545.9	379.3	44
478	RAMANATHAPURAM	0.0	2.9	-100	644.4	517.6	25
689	RANIPET	1.0	1.2	-17	568.3	399.3	42
479	SALEM	0.0	0.5	-100	532.8	328.4	62
480	SIVAGANGA	0.0	1.0	-100	594.0	414.7	43
690	TENKASI	0.0	1.1	-100	559.5	455.4	23
481	THANJAVUR	0.0	2.5	-100	735.6	567.0	30
482	THENI	0.0	0.3	-100	399.3	357.5	12
483	TIRUNELVELI	0.0	2.0	-100	810.1	500.3	62
691	TIRUPATTUR	0.0	0.7	-100	486.2	263.1	85
535	TIRUPPUR	0.0	0.2	-100	438.2	301.7	45
484	TIRUVALLUR	1.1	1.0	11	802.1	611.6	31
485	TIRUVANNAMALAI	0.0	2.1	-100	646.6	442.0	46
486	TIRUVARUR	0.0	3.5	-100	873.9	705.8	24
488	TOOTHUKUDI	0.0	1.7	-100	405.2	431.9	-6
487	TRICHY	0.0	0.7	-100	535.5	373.1	44
489	VELLORE	0.0	2.0	-100	474.4	369.6	28
490	VILLUPURAM	0.0	2.9	-100	856.5	520.5	65
491	VIRUDHUNAGAR	0.0	0.8	-100	456.5	389.8	17
	SUBDIVISION RAINFALL	0.1	1.3	-96	575.7	434.6	32
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					





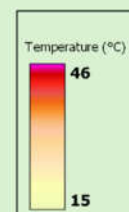
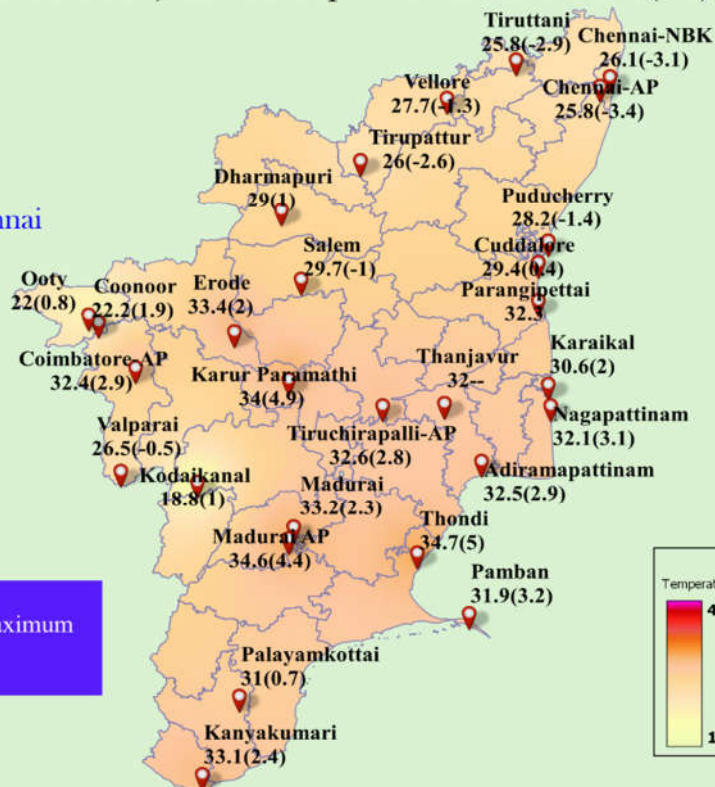
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 25/12/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 25/12/2024

The highest temperature recorded : 34.7°C
Place : Thondi

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



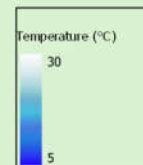
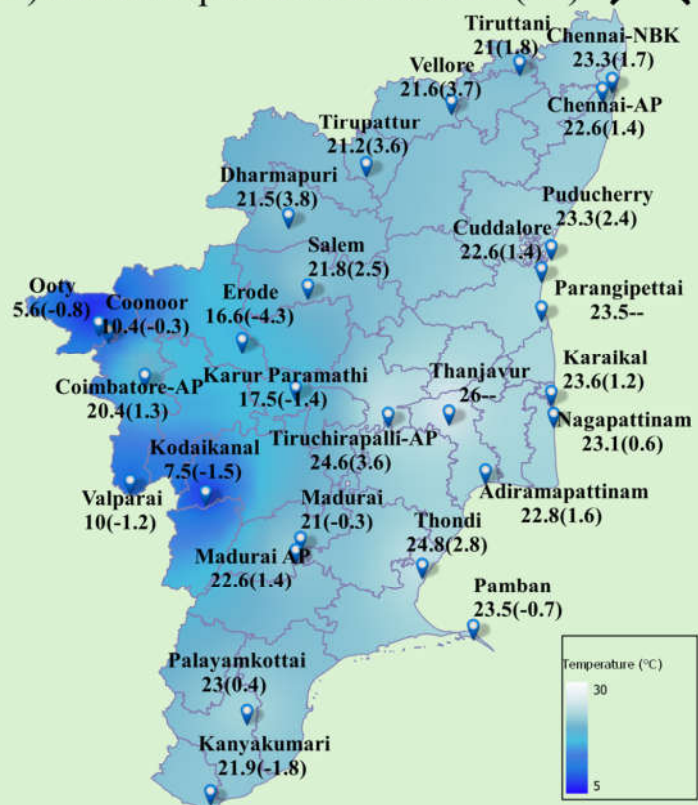
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 25/12/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 25/12/2024

The lowest temperature recorded in the plains : 16.6° C
Place : Erode
The lowest temperature recorded in the hilly region : 5.6° C
Place : Ooty

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



Legends:

Day: 08:30 IST to 08:30 IST of next day

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