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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
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DATE: Friday, June 14, 2024 (24 Jyaistha 1946)

Time of issue: 1310 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 one or two places over Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Cheyyar (dist Tiruvannamalai), Thirukalukundram (dist Chengalpattu), Mahabalipuram (dist Chengalpattu), Arani (dist Tiruvannamalai) 2, Hosur AWS (dist Krishnagiri) 2 each, Puduchatram (dist Namakkal), Edapadi (dist Salem), Cheyyur (dist Chengalpattu), Kalavai PWD (dist Ranipet), Kariyakovil Dam (dist Salem), Hogenekal (dist Dharmapuri), Hosur (dist Krishnagiri), Rasipuram (dist Namakkal), Maduranthagam (dist Chengalpattu), Walajabad (dist Kancheepuram), Vembakkam (dist Tiruvannamalai), Mangalapuram (dist Namakkal), Barwood (dist The Nilgiris), Virinjipuram AWS (dist Vellore), Omalur (dist Salem) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (**14.06.2024**), the maximum temperatures were **generally near normal to above normal / below normal at isolated places** over Tamilnadu, Puducherry and Karaikal area.

Highest maximum temperature was recorded at **Madurai (Airport): 38.2°C**.

Maximum temperature was **33-37°C** over the plains of North Interior Tamilnadu; **37-38°C** over the plains of South Interior Tamilnadu; **34-36°C** over North Coastal Tamilnadu, Puducherry & Karaikal area; **31-36°C** over South Coastal Tamilnadu and **21°C-26°C** over the hilly areas.

Chennai recorded **below normal** maximum temperature (**MBK: 35.6°C, -1.7°C** and **NBK: 35.0°C, -2.0°C**)

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	Over Coimbatore (Airport) district.
Appreciably rise (2.1° C to 4.0° C)	Over Dharmapuri, Erode, Dindigul, Tirunelveli, Nilgiris, Coimbatore (Valparai) and Vellore districts.
Appreciable fall (-2.1 ° C to -4.0° C)	Over Ramanathapuram 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)	Over Madurai district.
Above normal (1.6° C to 3.0° C)	Over Karur, Dindigul, Nilgiris and Coimbatore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Chennai and Trichy districts & Karaikal area.
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.

Namakkal recorded the lowest minimum temperature of **19.0°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° c or more)	-----
Appreciable rise (2.1 ° C to 4.0°)	Over Chennai and Tiruvallur districts.
Appreciable fall (-2.1° C to -4.0°)	-----
Markedly fall (-4.1° C or less)	-----
No large change (-2.0° C to 2.0° C)	Over the rest of the subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.0 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Kanyakumari and Nilgiris districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Karur and Coimbatore districts.
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 Features:

Yesterday's trough from Telangana to central parts of Bay of Bengal now runs from Rayalaseema to central Bay of Bengal across Westcentral Bay of Bengal between 3.1 km & 5.8 km above mean sea level.

Conditions are favourable for further advance of Southwest Monsoon into some more parts of Coastal Andhra Pradesh during next 4-5 days.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (14.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
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Day 2 (15.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (16.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area
Day 4 (17.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 5 (18.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 6 (19.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (20.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (14.06.2024) to Day 5 (18.06.2024)	Maximum Temperature is likely to be above normal by 2-3°C at isolated pockets over Tamilnadu, Puducherry & Karaikal during 13.06.2024 to 17.06.2024.
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THUNDERSTORM WARNING

Day 1 (14.06.2024) to Day 5 (18.06.2024)	Thunderstorm, lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
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LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

For next 24 hours	Sky condition is likely to be partly cloudy. Light / Moderate rain with thunderstorm and lightning is likely to occur in some areas during evening/ night. Maximum temperature is likely to be 35- 36°C and Minimum temperature is likely to be 27-28°C.
For next 48 hours	Sky condition is likely to be partly cloudy. Light / Moderate rain with thunderstorm and lightning is likely to occur in some areas during evening/ night. Maximum temperature is likely to be around 36°C and Minimum temperature is likely to be 27-28°C.

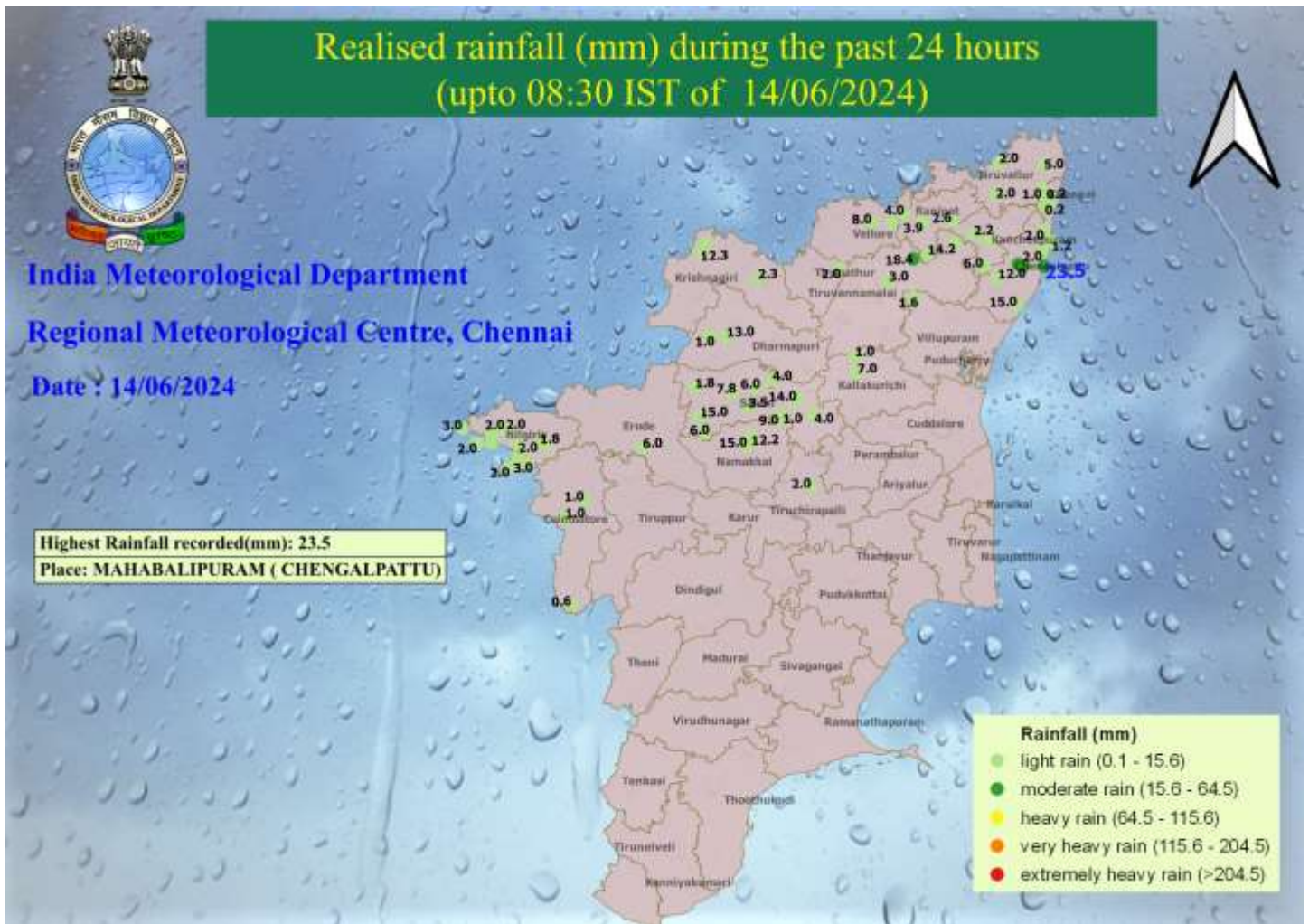
P. SENTHAMARAI KANNAN,
SCIENTIST 'F'
For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:14-06-2024 (24 Jyaistha 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	1-6-2024	mm	1-1-2024	cm	
Adiramapattinam	34.2	-0.3	26.8	0.3	73	4	0.0	78.5	59.1	30	124	
Chennai	35.0	-2.0	28.0	0.0	74	10	2.8	119.3	83.1	21	140	r*
Chennai_AP	35.6	-1.7	26.3	-1.2	75	13	tr	137.1	97.1	23	138	d*
Coimbatore_AP	33.4	1.1	24.2	1.2	84	5	0.0	7.1	-3.3	25	59	m*
Coonoor	22.0	-1.2	15.2	-0.3	77	1	tr	45.9	12.1	73	159	d*
Cuddalore	36.2	-0.7	28.1	1.5	77	8	0.0	91.4	67.5	31	134	
Dharmapuri	33.8	0.1	24.0	0.0	72	1	tr	70.0	26.4	26	91	d*
Erode	36.6	-0.7	20.0	-3.1	77	15	0.0	79.8	--	17	--	
Kanyakumari	31.3	0.6	26.3	1.8	72	-10	0.0	87.7	41.0	42	75	
KarurParamathi	35.5	2.5	23.0	-1.8	68	-4	0.0	51.2	33.9	23	59	
Karaikal	34.7	-1.7	27.8	0.8	74	6	0.0	41.5	6.6	37	150	
Kodaikanal	22.0	2.8	13.2	0.5	76	-5	0.0	73.8	22.8	43	158	
Madurai_City	37.8	3.4	24.0	-1.0	76	0	0.0	63.4	--	21	--	
Madurai_AP	38.2	0.8	26.1	-0.3	65	5	0.0	71.9	50.7	20	85	
Nagapattinam	35.5	-1.0	26.1	-0.8	77	7	0.0	46.5	21.6	43	143	
Namakkal	34.0	--	19.0	--	NA	--	0.0	83.4	--	27	--	
Palayamkottai	37.1	1.2	26.7	0.5	75	5	0.0	7.0	0.8	15	73	
Pamban	33.6	-0.1	27.6	-0.1	84	9	0.0	35.3	29.6	34	91	
Parangipettai	34.7	--	26.5	--	85	--	0.0	82.1	58.2	30	139	
Puducherry	36.2	-0.6	28.2	1.4	74	4	0.0	34.1	9.4	27	134	
Salem	33.7	-0.9	24.1	-0.2	80	3	3.5	153.0	105.2	38	102	r*
Thanjavur	34.0	--	27.0	--	69	--	0.0	50.7	29.2	14	95	
Thirupattur	34.8	-0.3	25.0	0.5	60	-12	0.0	97.0	53.1	20	95	
Tiruchirappalli_AP	34.3	-2.5	26.8	0.1	72	7	0.0	123.7	102.2	35	87	z*
Tiruthani	35.7	-1.2	26.0	-0.3	74	8	0.0	128.2	87.5	19	101	
Tondi	34.4	-0.1	26.0	-0.6	67	-1	0.0	88.2	76.0	33	88	
Thoothukudi	36.0	0.1	27.1	0.9	80	5	0.0	0.0	-0.8	23	63	
Udagamandalam	20.6	2.2	13.7	2.0	85	-2	1.8	122.6	62.7	43	116	r*
Valparai	26.0	2.1	15.5	-2.2	94	2	0.6	221.0	21.2	86	290	r*
Vellore	37.1	0.7	26.4	0.8	79	11	3.7	45.6	-2.3	13	103	r*

*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							
SOUTHWEST-MONSOON RAINFALL 2024		14.06.2024			From 01.06.2024 to 14.06.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.9	2.3	-59	64.6	27.4	136
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.0	-100	42.1	25.7	64
687	CHENGALPATTU	8.0	5.4	49	70.6	26.5	166
461	CHENNAI	0.5	6.1	-91	94.4	29.7	218
462	COIMBATORE	0.1	6.1	-98	83.7	62.0	35
463	CUDDALORE	0.0	2.6	-100	71.2	27.5	159
464	DHARMAPURI	2.3	2.7	-17	94.1	36.7	156
465	DINDIGUL	0.0	1.5	-100	51.7	25.6	102
466	ERODE	0.4	1.0	-65	50.9	25.2	102
688	KALLAKURICHI	0.4	2.7	-85	73.4	28.9	154
467	KANCHEEPURAM	3.5	4.7	-25	88.8	35.7	149
468	KANYAKUMARI	0.0	6.1	-100	94.6	95.6	-1
636	KARAIKAL	0.0	1.4	-100	41.7	34.9	19
469	KARUR	0.0	0.5	-100	67.8	14.8	358
470	KRISHNAGIRI	1.1	1.9	-42	112.0	32.4	246
471	MADURAI	0.0	1.3	-100	65.2	21.6	202
695	MAYILADUTHURAI	0.0	2.3	-100	37.9	24.2	57
472	NAGAPATTINAM	0.0	2.2	-100	35.1	21.9	60
473	NAMAKKAL	3.3	1.2	174	74.6	24.2	208
474	NILGIRIS	1.2	6.3	-81	108.3	74.3	46
475	PERAMBALUR	0.0	1.1	-100	38.5	21.4	80
476	PUDUCHERRY	0.0	2.5	-100	34.1	24.7	38
477	PUDUKKOTTAI	0.0	0.9	-100	66.8	21.4	212
478	RAMANATHAPURAM	0.0	0.4	-100	35.7	9.1	293
689	RANIPET	1.7	5.0	-66	95.1	38.0	150
479	SALEM	3.5	1.8	93	86.3	31.5	174
480	SIVAGANGA	0.0	1.7	-100	68.2	26.1	161
690	TENKASI	0.0	1.2	-100	10.0	21.3	-53
481	THANJAVUR	0.0	1.2	-100	50.2	21.1	138
482	THENI	0.0	1.3	-100	50.4	15.9	217
483	TIRUNELVELI	0.0	0.6	-100	37.5	13.1	187
691	TIRUPATTUR	0.0	5.6	-100	107.6	42.0	156
535	TIRUPPUR	0.0	0.4	-100	40.0	14.4	178
484	TIRUVALLUR	0.4	5.9	-93	112.2	35.2	219
485	TIRUVANNAMALAI	4.7	4.6	3	74.1	35.1	111
486	TIRUVARUR	0.0	2.0	-100	41.7	20.5	103
488	TOOTHUKUDI	0.0	0.0	-100	5.7	3.7	55
487	TRICHY	0.1	1.0	-92	81.1	19.0	327
489	VELLORE	2.2	4.7	-52	43.0	38.4	12
490	VILLUPURAM	0.0	3.5	-100	39.8	26.9	48
491	VIRUDHUNAGAR	0.0	0.4	-100	70.7	12.9	448
	SUBDIVISION RAINFALL	0.9	2.3	-60	64.5	27.4	136
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 14/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 14/06/2024

The highest temperature recorded : 38.2°C
Place : Madurai AP

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



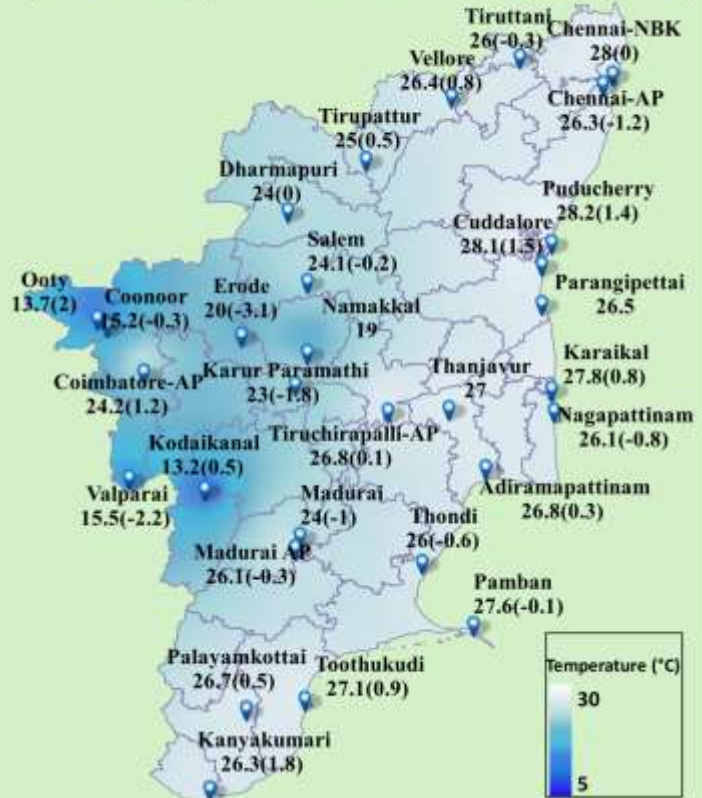
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 14/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 14/06/2024

The lowest temperature recorded in the plains : 19°C
Place : Namakkal
The lowest temperature recorded in the hilly region : 13.2°C
Place : Kodaikanal

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 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