



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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தொலைபேசி : 044- 28271951



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951

DATE: Saturday, June 29, 2024 (8 Asadha 1946)

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 one or two places over Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Taluk Office Pandalur (dist The Nilgiris) 28,Devala (dist The Nilgiris) 19,Wood Braiyar Estate (dist The Nilgiris) 11,Harisan Malayalam Ltd. (dist The Nilgiris) 10,Vint Worth Estate (dist The Nilgiris) 8,Gudalur Bazar (dist The Nilgiris), Upper Gudalur (dist The Nilgiris) 5 each,Avalanche (dist The Nilgiris), Upper Bhavani (dist The Nilgiris), Barwood (dist The Nilgiris) 4each,Chinnakalar (dist Coimbatore), Emeraldad (dist The Nilgiris), Cincona (dist Coimbatore),Valparai PTO (dist Coimbatore), Siruvani Adivaram (Water Treatment Plant) (dist Coimbatore) 3each,Mullanginavillai (dist Kanniyakumari), Mylaudy (dist Kanniyakumari), Valparai PAP (distCoimbatore), Sholayar (dist Coimbatore), Valparai Taluk Office (dist Coimbatore),UPASI_Tea_Research_Foundation AWS (dist Coimbatore) 2 each,Kalial (dist Kanniyakumari), Thuckalay (dist Kanniyakumari), Mambzhathuraiyaru (distKanniyakumari), Colachel (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Nagercoil(dist Kanniyakumari), Periyar (dist Theni), Kurunthancode (dist Kanniyakumari), Balamore (distKanniyakumari), Adayamadai (dist Kanniyakumari), Suralacode (dist Kanniyakumari),Nagerkoil AWS (dist Kanniyakumari) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (29.06.2024), the maximum temperatures were **near normal at most places and above normal at isolated places** over Tamilnadu, Puducherry and Karaikal area.

Highest maximum temperature was recorded at **Madurai Airport & Madurai City: 38.8°C**.

Maximum temperature was **28-38°C** over the plains of North Interior Tamilnadu; **37-39°C** over the plains of South Interior Tamilnadu; **35-38°C** over North Coastal Tamilnadu, Puducherry & Karaikal area; **30-38°C** over South Coastal Tamilnadu and **18°C-24°C** over the hilly areas.

Chennai recorded **normal** maximum temperature (NBK: 36.9°C, -0.1°C & MBK: 36.6°C, -0.4C)

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	Over Madurai, Trichy and Vellore districts.
Appreciably rise (2.1° C to 4.0° C)	Over Chennai, Cuddalore, Dharmapuri, Dindigul, Nagapattinam, Tirunelveli, Thirupattur, Tiruvallur, Nilgiris and Thoothukudi districts, Puducherry and Karaikal area.
Appreciable fall (-2.1 ° C to -4.0° C)	Over Coimbatore district.
Markedly fall (-4.1° C or less)	-----

No large change (-2.1° C to 2.0° C)	Over the rest of the subdivision.
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MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	Over Karur district.
Above normal (1.6° C to 3.0° C)	Over Dindigul, Madurai, Vellore and Thoothukudi districts.
Below normal (-1.6 ° to -3.0 ° C)	-----
Appreciably below normal (-3.1 to -5.0°C)	Over Coimbatore district.
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°)	-----
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 entire 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 Nilgiris and Vellore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Karur, Thirupattur 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:

Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (29.06.2024)	Light to moderate rain with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Nilgiris district.
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Day 2 (30.06.2024)	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. Heavy rain is likely to occur at isolated places over Nilgiris district and Ghat areas of Coimbatore district.
Day 3 (01.07.2024)	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. Heavy rain is likely to occur at isolated places over Nilgiris district and Ghat areas of Coimbatore district.
Day 4 (02.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (03.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Outlook for subsequent two days	
Day 6 (04.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (05.07.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

HEAVY RAINFALL WARNING

Day 1 (29.06.2024)	Heavy rain is likely to occur at isolated places over Nilgiris district.
Day 2 (30.06.2024) & Day 3 (01.07.2024)	Heavy rain is likely to occur at isolated places over Nilgiris district and Ghat areas of Coimbatore district.

THUNDERSTORM WARNING

Day 1 (29.06.2024) to Day 3 (01.07.2024)	Thunderstorm, lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
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TEMPERATURE FORECAST

Day 1 (29.06.2024) to Day 5 (03.07.2024)	Maximum Temperature is likely to be generally near normal over many parts of Tamilnadu, Puducherry and Karaikal area and above normal by 2-3°C at one or two places over Tamilnadu during 29.06.2024 to 03.07.2024.
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LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

For next 24 hours	Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum temperature is likely to be 36-37°C and Minimum temperature is likely to be 28-29°C.
For next 48 hours	Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum temperature is likely to be 36-37°C and Minimum temperature is likely to be 28-29°C.

P. SENTHAMARAI KANNAN,
SCIENTIST 'F'

For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:29-06-2024 (8 Asadha 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	34.8	-0.1	26.5	0.2	69	3	0.0	89.5	56.9	31	124	
Chennai	36.9	-0.1	28.9	1.5	67	2	0.0	225.3	152.6	31	140	
Chennai_AP	36.6	-0.4	26.9	-0.1	68	6	0.0	274.5	193.3	37	138	
Coimbatore_AP	28.2	-3.9	23.6	0.9	83	2	tr	19.3	-5.8	26	59	d*
Coonoor	24.0	1.3	15.0	-0.1	91	14	0.0	100.3	38.3	79	159	
Cuddalore	36.4	-0.4	27.2	0.8	78	9	0.0	158.4	110.2	37	134	
Dharmapuri	34.0	-0.3	23.0	-0.9	74	9	tr	79.0	13.5	27	91	d*
Erode	36.4	-0.3	19.6	-3.4	78	15	0.0	80.2	--	17	--	
Kanyakumari	30.2	-0.4	23.9	-0.5	87	5	1.5	137.9	53.8	47	75	r*
KarurParamathi	37.0	3.3	23.0	-1.7	65	-6	0.0	51.2	30.5	23	59	
Karaikal	37.1	0.4	27.7	0.8	69	1	0.0	44.7	-6.8	38	150	
Kodaikanal	21.3	2.4	12.2	0.2	78	0	0.0	143.9	60.0	50	158	
Madurai_City	38.8	2.1	25.4	0.1	72	-2	0.0	69.4	--	21	--	
Madurai_AP	38.8	1.1	26.6	0.4	68	11	0.0	85.8	51.4	22	85	
Nagapattinam	37.7	0.7	26.8	-0.1	76	8	0.0	67.1	27.2	45	143	
Namakkal	34.0	--	19.0	--	NA	--	0.0	89.0	--	27	--	
Palayamkottai	36.9	1.0	26.4	-0.3	76	9	0.0	10.2	-1.3	15	73	
Pamban	33.8	0.2	27.2	-0.3	81	6	0.0	35.3	27.1	34	91	
Parangipettai	36.0	--	27.2	--	84	--	0.0	93.6	50.0	31	139	
Puducherry	36.3	-0.6	27.2	0.4	70	-1	0.0	95.0	47.4	33	134	
Salem	33.5	-1.5	24.1	-0.1	81	4	0.0	198.2	116.1	43	102	
Thanjavur	37.0	--	29.2	--	61	--	0.0	96.5	60.8	18	95	
Thirupattur	36.8	1.5	22.8	-2.0	70	3	0.0	173.4	112.6	27	95	
Tiruchirappalli_AP	36.5	-0.7	26.6	-0.3	73	11	0.0	185.3	151.1	41	87	z*
Tiruthani	36.5	-0.7	26.0	-0.1	67	6	0.0	211.8	132.8	27	101	
Tondi	33.7	-0.6	25.5	-0.9	82	13	0.0	136.9	116.9	38	88	
Thoothukudi	38.0	1.9	NA	--	NA	--	NA	--	--	--	63	
Udagamandalam	18.0	-0.5	13.2	2.0	89	2	0.2	206.2	83.4	51	116	
Valparai	23.5	0.5	16.0	-1.8	93	-1	25.0	580.8	47.6	122	290	r*
Vellore	38.4	2.3	27.2	1.8	75	8	0.0	131.8	53.8	22	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.

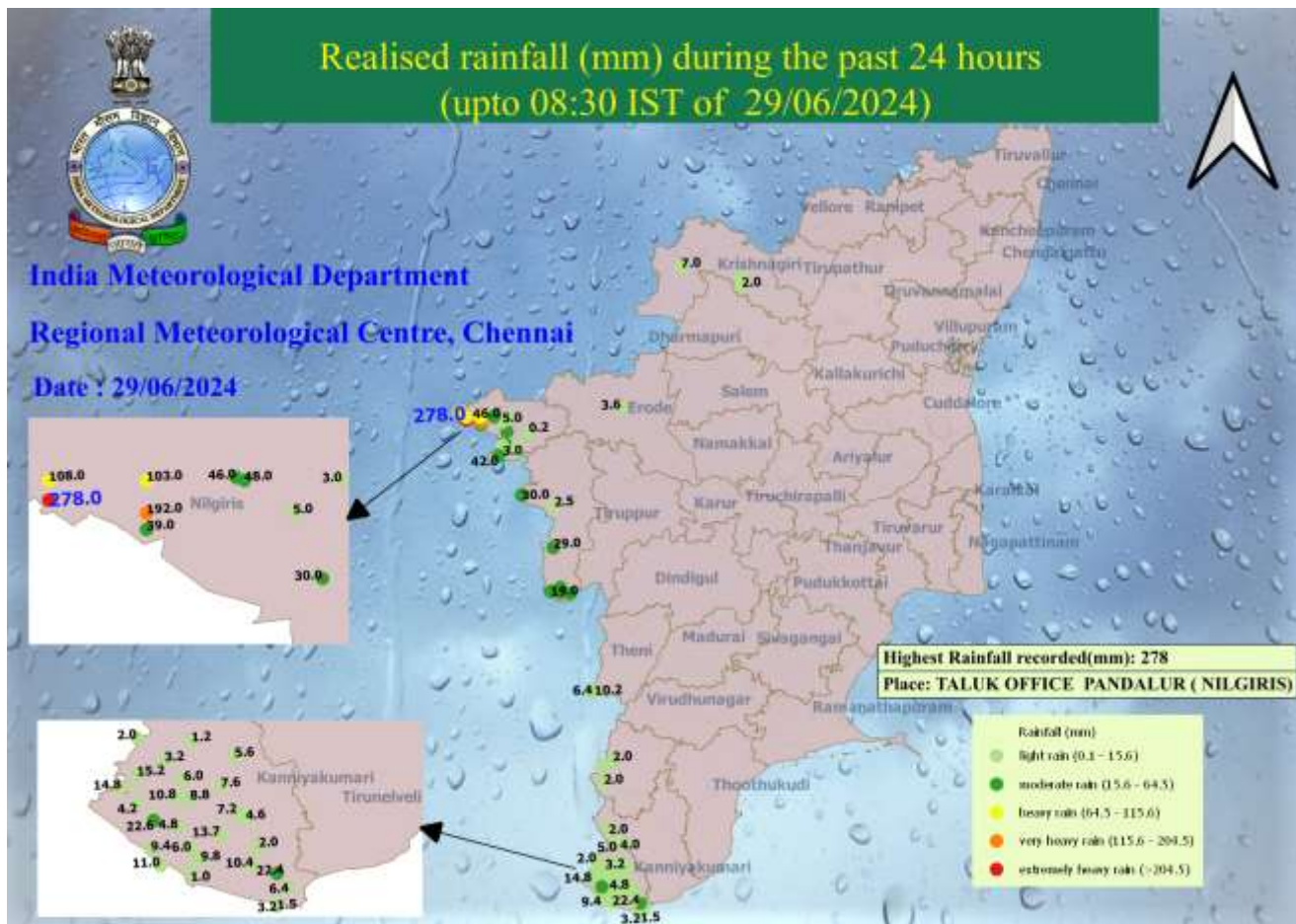
GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

SOUTHWEST-MONSOON RAINFALL 2024		29.06.2024			From 01.06.2024 to 29.06.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	1.1	1.5	-26	108.5	49.3	120
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.0	-100	58.3	38.2	53
687	CHENGALPATTU	0.0	2.0	-100	158.9	53.8	195
461	CHENNAI	0.0	4.0	-100	200.4	62.8	219
462	COIMBATORE	7.0	7.3	-4	238.5	164.7	45
463	CUDDALORE	0.0	1.1	-100	123.8	44.6	178
464	DHARMAPURI	0.0	2.2	-100	105.3	53.1	98
465	DINDIGUL	0.0	0.9	-100	70.5	39.7	78
466	ERODE	0.2	1.0	-79	67.0	45.2	48
688	KALLAKURICHI	0.0	1.2	-100	84.8	49.1	73
467	KANCHEEPURAM	0.0	3.5	-100	175.5	64.4	173
468	KANYAKUMARI	7.7	3.3	133	208.1	170.1	22
636	KARAIKAL	0.0	3.2	-100	44.9	51.5	-13
469	KARUR	0.0	0.2	-100	70.9	20.0	254
470	KRISHNAGIRI	0.6	1.2	-46	139.4	46.5	200
471	MADURAI	0.0	1.0	-100	80.6	38.2	111
695	MAYILADUTHURAI	0.0	0.8	-100	58.5	38.5	52
472	NAGAPATTINAM	0.0	0.7	-100	38.9	34.1	14
473	NAMAKKAL	0.0	0.9	-100	93.3	39.0	139
474	NILGIRIS	34.3	8.7	294	326.6	186.9	75
475	PERAMBALUR	0.0	1.0	-100	39.9	32.3	24
476	PUDUCHERRY	0.0	0.5	-100	95.0	47.6	100
477	PUDUKKOTTAI	0.0	0.6	-100	112.9	37.0	205
478	RAMANATHAPURAM	0.0	0.3	-100	48.1	15.0	220
689	RANIPET	0.0	3.0	-100	206.7	67.6	206
479	SALEM	0.0	2.0	-100	125.6	56.4	123
480	SIVAGANGA	0.0	1.2	-100	105.4	44.4	137
690	TENKASI	0.8	1.1	-27	71.2	45.7	56
481	THANJAVUR	0.0	0.8	-100	79.4	33.3	138
482	THENI	1.2	0.8	48	104.7	29.7	252
483	TIRUNELVELI	0.7	0.5	44	118.4	22.5	426
691	TIRUPATTUR	0.0	2.1	-100	183.7	61.4	199
535	TIRUPPUR	0.0	0.3	-100	42.2	20.1	110
484	TIRUVALLUR	0.0	2.6	-100	188.5	70.3	168
485	TIRUVANNAMALAI	0.0	1.3	-100	134.8	59.1	128
486	TIRUVARUR	0.0	0.8	-100	69.5	33.8	106
488	TOOTHUKUDI	0.0	0.0	-100	6.2	6.0	3
487	TRICHY	0.0	0.6	-100	98.2	28.0	251
489	VELLORE	0.0	3.0	-100	153.1	63.6	141
490	VILLUPURAM	0.0	1.6	-100	87.1	51.4	69
491	VIRUDHUNAGAR	0.0	0.2	-100	79.0	19.8	299
	SUBDIVISION RAINFALL	1.1	1.5	-27	108.3	49.3	120
LEGEND	PDN*	Percentage Departure from Normal					
	mm	Rainfall for the 24 hrs ending at 0830 hrs of date					





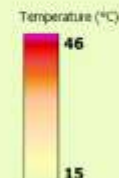
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 29/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 29/06/2024

The highest temperature recorded : 38.8°C
Place : Madurai & 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 29/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 29/06/2024

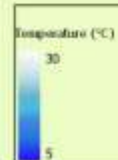
The lowest temperature recorded in the plains : 19°C

Place : Namakkal

The lowest temperature recorded in the hilly region : 12.2°C

Place : Kodaikanal

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



DAY 1: 29/06/2024

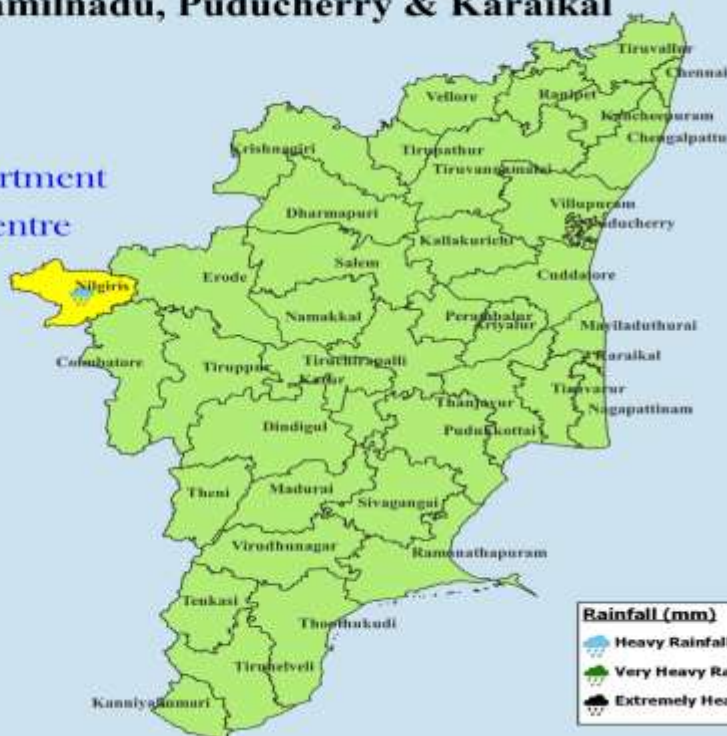


Heavy Rainfall Warnings dated 29/06/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1: 29/06/2024



DAY 2: 30/06/2024



Heavy Rainfall Warnings dated 29/06/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 2: 30/06/2024



DAY 3: 01/07/2024



Heavy Rainfall Warnings dated 29/06/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 3: 01/07/2024



Warnings

- Watch (Be Updated)
- Alert (Be Prepared)
- Warning (Take Action)
- No Warning (No Action)

Rainfall (mm)

- Heavy Rainfall (64.5 - 115.5) mm
- Very Heavy Rainfall (115.6 - 204.4) mm
- Extremely Heavy Rainfall > 204.4 mm

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