



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
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951

DATE: August 12, 2025

Time of issue: 1330 Hrs. IST

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

I) SUMMARY OF OBSERVATIONS RECORDED AT 0830 HRS IST:

- a) **Rainfall:** Rainfall occurred at isolated places over Tamilnadu (at a few places over North Coastal Tamilnadu, at isolated places over rest Tamilnadu). Very light rain occurred over Karaikal area. Dry weather prevailed over Puducherry.

Chief amount of rainfall in centimeters:

TAMILNADU, PUDUCHERRY & KARAIKAL AREA: Zone 02 Manali (dist Chennai) 6, Red Hills (dist Tiruvallur) 4, Tiruvallur (dist Tiruvallur), Alakarai Estate (dist The Nilgiris), Puzhal ARG (dist Tiruvallur), Zone 03 Puzhal (dist Chennai), Zone 02 Manali New Town (dist Chennai) 3 each, Sendurai (dist Ariyalur), Zone 07 Korattur (dist Chennai), Zone 01 Wimco Nagar (dist Chennai), Zone 01 Ennore (dist Chennai), Zone 13 Adayar (dist Chennai), Zone 11 Nerkundram (dist Chennai), Zone 06 Kolathur (dist Chennai), Manalmedu ARG (dist Mayiladuthurai), Wallajah (dist Ranipet), Poonamalle ARG (dist Tiruvallur), Puthu Vettakudi (dist Perambalur), Sholayar (dist Coimbatore), Chinnakalar (dist Coimbatore), ACS Medical College ARG (dist Kancheepuram), Zone 01 Thiruvottiyur (dist Chennai), Annur (dist Coimbatore), Zone 11 Valasaravakkam (dist Chennai) 2 each, Zone 08 Anna Nagar West (dist Chennai), Zone 06 Perambur (dist Chennai), Zone 15 Okkiyam Thoraipakkam (dist Chennai), Zone 13 Velacherry (dist Chennai), Zone 15 Kannagi Nagar (dist Chennai), Zone 04 Kasimedu (dist Chennai), Zone 15 Injambakkam (dist Chennai), Cholavaram (dist Tiruvallur), Gummidipoondi (dist Tiruvallur), Jayamkondam (dist Ariyalur), Cincona (dist Coimbatore), Koratur (dist Tiruvallur), Good Will School Villivakkam ARG (dist Tiruvallur), Zone 07 Ayapakkam (dist Chennai), CD Hospital Tondiarpet (dist Chennai), Zone 07 Ambattur (dist Chennai), Valparai PAP (dist Coimbatore), Poonamallee (dist Tiruvallur), Vembakkam (dist Tiruvannamalai), Thiruvalangadu (dist Tiruvallur), Jaya Engg College AWS (dist Tiruvallur), Valparai PTO (dist Coimbatore), Ambathur Rev (dist Chennai), Thamaraiyapakkam (dist Tiruvallur), Perambalur (dist Perambalur), Perambur (dist Chennai), Avadi (dist Tiruvallur), Virinjipuram AWS (dist Vellore), Valparai Taluk Office (dist Coimbatore), Chennai (AP) (dist Chennai), Alandur (dist Chennai), Naduvattam (dist The Nilgiris), Zone 10 Vadapalani (dist Chennai), MGR Nagar (dist Chennai), Zone 04 Tondiarpet (dist Chennai), Anna University (dist Chennai), Avinasi (dist Tiruppur), Zone 13 Velachery (dist Chennai), Veppanthattai (dist Perambalur), Anna University ARG (dist Chennai), Ammundi (dist Vellore), Ambur (dist Tirupathur), Meenambakkam AWS (dist Chennai), Ayanavaram Taluk Office (dist Chennai), Kundrathur (dist Kancheepuram) 1 each.

b) Description of temperature:

Chennai recorded the highest maximum temperature of 35.3°C over Tamilnadu.

Karur Paramathi recorded the lowest minimum temperature of 21.0°C in the plains of Tamilnadu.

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 Thanjavur, Coimbatore, Cuddalore, Tiruchirappalli and Ramanathapuram districts.
Markedly fall (-4.1°C or less)	Over Madurai districts.
No large change (-2.0° 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 °C to 5.0 °C)	-----
Above normal (1.6°C to 3.0° C)	-----
Below normal (-1.6 ° to -3.0 ° C)	Over Nilgiris, Erode, Kanyakumari, Tirunelveli, Salem, Thirupattur and Vellore districts.
Appreciably below normal (-3.1 to -5.0°C)	Over Thanjavur, Madurai and Nagapattinam, Tiruchirappalli and Ramanathapuram districts, Puducherry & Karaikal area.
Markedly below normal (-5.1°C or less)	Over Cuddalore districts.
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

II)SYNOPTIC METEOROLOGICAL FEATURE:

An **Upper air Cyclonic Circulation** lay over central parts of Bay of Bengal between 3.1 & 5.8 km above mean sea level. Under its influence a **Low Pressure Area** is likely to form over westcentral & adjoining northwest Bay of Bengal on 13th August, 2025 and become more marked during subsequent 48 hours.

An **Upper air Cyclonic Circulation** lies over North Interior Karnataka & neighbourhood at 5.8 km above mean sea level.

An **East West Trough** runs from the cyclonic circulation over central parts of Bay of Bengal to the cyclonic circulation over North Interior Karnataka across west central Bay of Bengal at 5.8 km above mean sea level.

Yesterday's **Upper air Cyclonic Circulation** over north Coastal Andhra Pradesh & adjoining Telangana between 3.1 & 5.8 km above mean sea level has become less marked.

III) FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT 7 DAYS:

RAINFALL FORECAST & WARNINGS

Day 1 (12.08.2025)	Light to moderate rain is likely to occur at a few places over North Tamilnadu, at isolated places over South Tamilnadu and over Puducherry & Karaikal area with thunderstorm & lightning at one or two places. Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Tiruvannamalai, Villuppuram, Kallakurichi, Cuddalore and Nilgiris districts and Puducherry.
Day 2 (13.08.2025)	Light to moderate rain is likely to occur at a few places over North Tamilnadu, at isolated places over South Tamilnadu and over Puducherry & Karaikal area with thunderstorm & lightning at one or two places. Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet and Nilgiris districts.
Day 3 (14.08.2025)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
Day 4 (15.08.2025)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
Day 5 (16.08.2025)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
Day 6 (17.08.2025)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
Day 7 (18.08.2025)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.

HEAVY RAINFALL WARNING

Day 1 (12.08.2025)	Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Tiruvannamalai, Villuppuram, Kallakurichi, Cuddalore and Nilgiris districts and Puducherry.
Day 2 (13.08.2025)	Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet and Nilgiris districts.

THUNDERSTORM WARNING

Day 1 (12.08.2025) to Day 2 (13.08.2025)	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

	Day 1 (12.08.2025)	Day 2 (13.08.2025)
Maximum Temperature	32-33°C.	Around 34°C.
Minimum Temperature	25- 26°C.	25- 26°C.
Sky Condition	Partly cloudy sky.	Partly cloudy sky.
Weather	One or two spells of Light/Moderate rain with Thunderstorm and Lightning is likely to occur in some areas.	One or two spells of Light/Moderate rain with Thunderstorm and Lightning is likely to occur in some areas.
24 Hour Rainfall	Light/Moderate rain.	Light/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:12-08-2025 (21 Sravana 1947 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	1-6-2025	mm	1-1-2025	cm	
Adiramapattinam	30.3	-4.1	24.9	-0.5	74	4	0.5	91.6	-31.4	48	124	r
Chennai	35.3	0.3	25.7	-0.5	82	9	2.4	273.7	46.6	45	140	r*
Chennai_AP	34.9	-0.1	24.8	-0.9	81	9	10.2	123.8	-136.6	33	138	r*
Coimbatore_AP	30.4	-1.1	21.8	-0.6	78	-4	tr	29.2	-32.9	34	59	d*
Coonoor	20.5	-1.6	13.4	-1.7	83	2	tr	175.1	7.5	61	159	d*
Cuddalore	29.7	-5.6	25.4	0.0	92	16	tr	181.8	16.3	41	134	d*
Dharmapuri	33.0	0.4	22.0	-1.3	78	7	0.0	184.0	21.9	49	91	
Erode	33.8	-1.7	24.8	1.8	77	11	0.0	104.6	--	25	--	
Kanyakumari	27.9	-2.9	23.4	-0.8	89	9	0.0	227.6	83.8	40	75	
KarurParamathi	34.5	1.4	21.0	-3.4	76	1	0.0	27.4	-57.1	21	59	
Karaikal	31.0	-4.5	26.7	0.8	79	4	0.4	212.3	84.0	59	150	r
Kodaikanal	17.8	-0.4	10.6	-1.3	86	2	0.2	208.7	-31.8	59	158	r
Madurai_City	31.6	-4.4	25.2	0.4	74	0	0.4	137.7	--	32	--	r
Madurai_AP	32.0	-4.9	24.6	-1.1	71	11	0.0	51.6	-68.4	36	85	
Nagapattinam	30.8	-5.0	26.0	0.0	80	7	0.5	123.9	4.8	50	143	r
Namakkal	31.5	--	24.1	--	76	--	0.0	51.5	--	12	--	
Palayamkottai	33.6	-1.7	26.2	0.1	74	5	0.0	30.8	1.0	25	73	
Pamban	32.1	-0.9	27.0	0.2	79	3	0.0	0.1	-25.4	58	91	
Parangipettai	30.0	--	25.0	--	87	--	0.0	229.0	85.5	57	139	
Puducherry	31.0	-4.6	25.4	-0.2	83	6	0.0	297.6	127.4	43	134	
Salem	30.5	-3.0	24.2	0.8	82	2	1.5	199.9	-26.1	50	102	r*
Thanjavur	30.0	--	24.8	--	86	--	0.0	156.6	31.1	44	95	
Thirupattur	30.3	-3.0	24.7	1.1	77	0	0.0	231.8	30.2	43	95	
Tiruchirappalli_AP	31.5	-4.6	26.0	-0.1	69	2	tr	95.6	-21.8	38	87	d*
Tiruthani	34.0	-0.3	24.5	0.0	77	6	1.6	318.2	66.9	55	101	r*
Tondi	29.8	-3.8	25.4	-0.6	83	11	2.5	107.1	42.9	36	88	r*
Thoothukudi	34.5	-1.2	24.7	-1.4	78	5	0.0	--	--	--	63	
Udagamandalam	19.0	1.1	12.4	1.2	94	5	0.4	245.8	-77.8	71	116	r
Valparai	22.5	-0.1	15.5	-2.3	95	1	12.0	2189.2	661.9	330	290	r
Vellore	32.8	-1.7	23.8	-0.8	86	12	2.3	236.4	-8.6	50	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. AP-Airport plus sign omitted when departures above normal.

GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

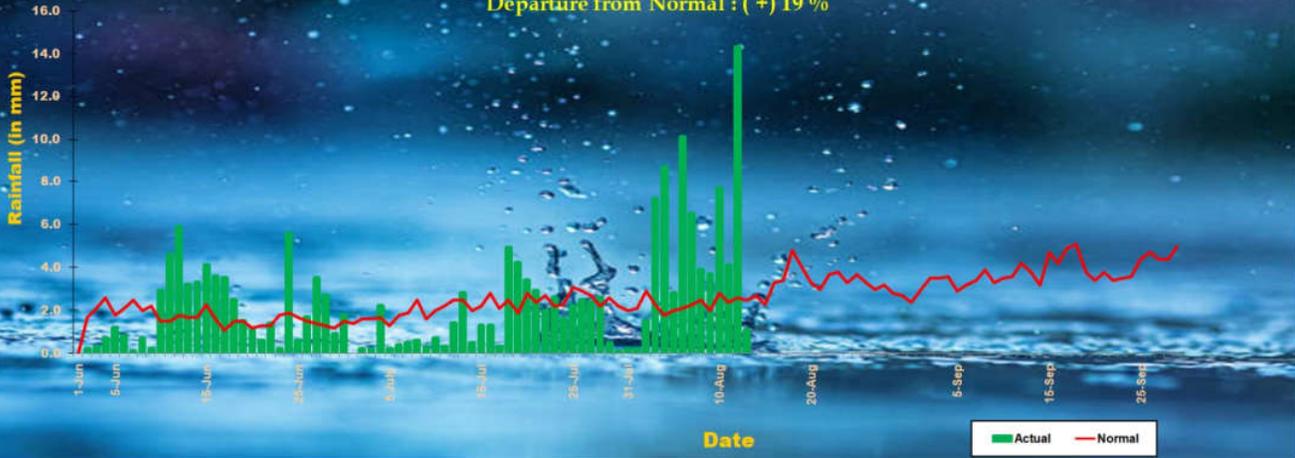
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

SOUTHWEST-MONSOON RAINFALL 2025		12/08/2025			From 01-08-2025 to 12-08-2025		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	1.1	2.5	-57	176.0	147.9	19
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	7.0	1.9	268	176.7	120.4	47
687	CHENGALPATTU	1.3	4.4	-71	162.4	192.9	-16
461	CHENNAI	8.5	3.7	128	213.0	222.0	-4
462	COIMBATORE	4.0	6.1	-35	679.9	468.9	45
463	CUDDALORE	0.3	3.8	-91	239.6	152.9	57
464	DHARMAPURI	0.0	2.2	-100	141.6	144.1	-2
465	DINDIGUL	0.3	1.0	-69	61.3	111.3	-45
466	ERODE	0.0	1.8	-100	94.2	111.3	-15
688	KALLAKURICHI	0.0	4.6	-99	176.3	166.3	6
467	KANCHEEPURAM	2.2	4.9	-56	198.2	223.5	-11
468	KANYAKUMARI	0.0	1.9	-100	287.9	320.6	-10
636	KARAIKAL	0.4	2.5	-84	213.3	128.3	66
469	KARUR	0.0	0.5	-92	48.1	59.6	-19
470	KRISHNAGIRI	0.0	2.8	-100	120.7	133.8	-10
471	MADURAI	0.0	2.1	-100	94.2	117.1	-20
695	MAYILADUTHURAI	0.2	3.0	-94	258.7	126.1	105
472	NAGAPATTINAM	0.1	2.2	-97	106.3	102.7	3
473	NAMAKKAL	0.0	1.9	-100	116.7	128.6	-9
474	NILGIRIS	2.3	7.0	-67	642.4	540.7	19
475	PERAMBALUR	3.6	1.8	101	172.4	89.1	94
476	PUDUCHERRY	0.0	3.1	-100	297.6	170.2	75
477	PUDUKKOTTAI	0.2	2.8	-93	149.5	119.3	25
478	RAMANATHAPURAM	0.1	0.7	-79	36.2	50.0	-28
689	RANIPET	3.1	2.6	19	319.5	220.8	45
479	SALEM	0.3	2.3	-87	161.1	168.0	-4
480	SIVAGANGA	0.6	2.1	-74	173.5	147.9	17
690	TENKASI	0.0	1.1	-100	194.4	103.8	87
481	THANJAVUR	1.2	2.5	-51	173.5	118.2	47
482	THENI	0.6	1.2	-50	165.2	103.1	60
483	TIRUNELVELI	0.8	0.1	733	177.8	45.6	290
691	TIRUPATTUR	1.3	3.7	-64	251.1	181.9	38
535	TIRUPPUR	0.5	0.5	-10	27.9	51.6	-46
484	TIRUVALLUR	11.1	4.7	137	273.7	224.4	22
485	TIRUVANNAMALAI	1.6	5.6	-72	268.5	197.2	36
486	TIRUVARUR	0.7	3.1	-78	187.8	118.7	58
488	TOOTHUKUDI	0.0	0.5	-100	8.2	20.2	-59
487	TRICHY	0.1	1.5	-91	84.8	93.0	-9
489	VELLORE	4.4	3.1	43	264.4	199.4	33
490	VILLUPURAM	0.0	3.1	-100	227.4	176.6	29
491	VIRUDHUNAGAR	0.0	1.8	-100	48.3	69.6	-31
	SUBDIVISION RAINFALL	1.1	2.5	-57	176.3	148.0	19
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0630 hrs of date					

SOUTHWEST MONSOON RAINFALL 2025 for Tamilnadu and Puducherry
 From 01-06-2025 to 12-08-2025 Actual: 176.3 (mm) Normal: 148.0 (mm)
 Departure from Normal : (+) 19 %



**Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 12/08/2025)**

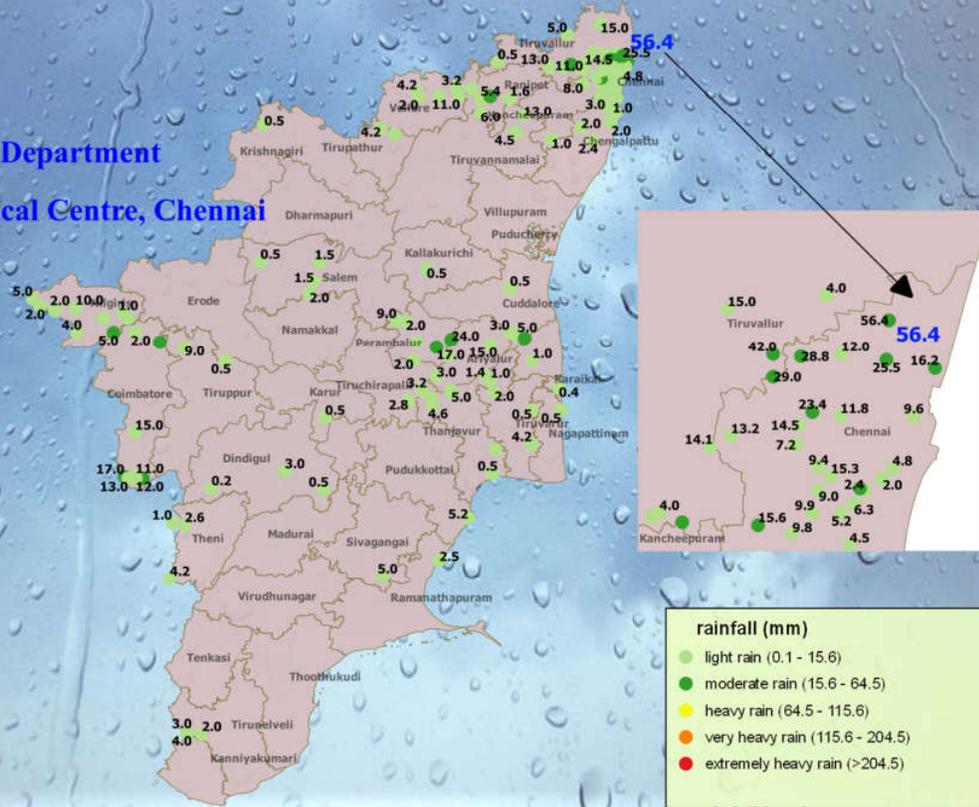


India Meteorological Department

Regional Meteorological Centre, Chennai

Date : 12/08/2025

Highest Rainfall recorded(mm): 56.4
 place: Zone 02 D15 Manali (Chennai)



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)



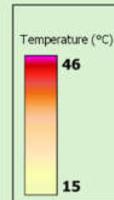
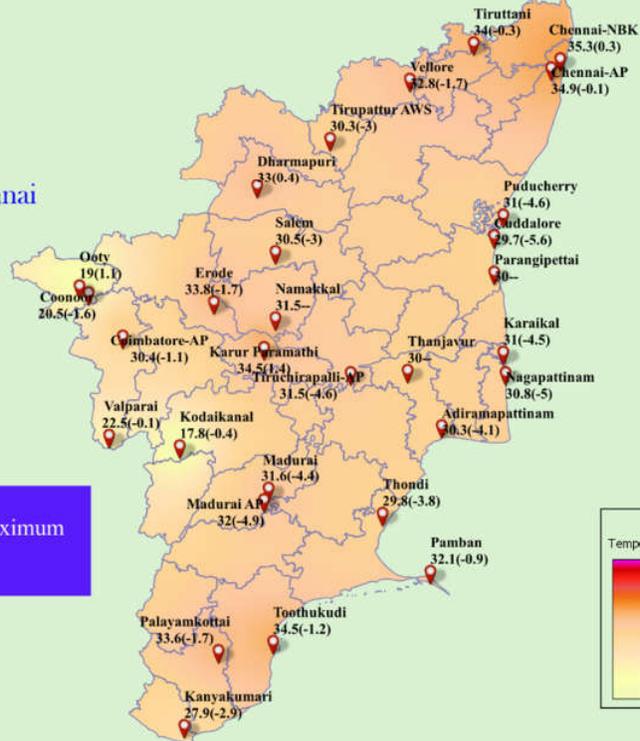
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 12/08/2025) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 12/08/2025

The highest temperature recorded : 35.3°C
Place : Chennai (Nungambakkam)

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

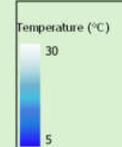
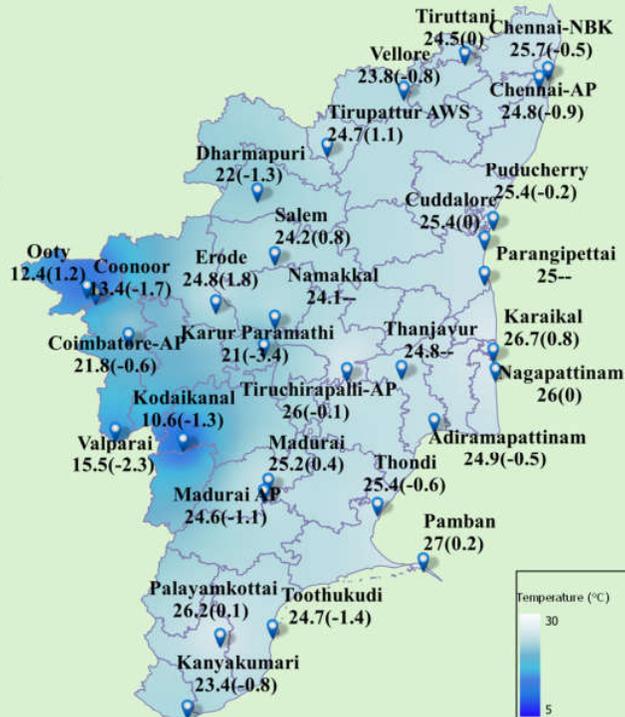


India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 12/08/2025

The lowest temperature recorded in the plains : 21° C
Place : Karur Paramathi
The lowest temperature recorded in the hilly region : 10.6° C
Place : Kodaikanal

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

Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 12/08/2025) and its departure from normal(°C)



HEAVY RAINFALL WARNING

Day 1(12.08.2025)



Heavy Rainfall Warnings dated 12/08/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1: 12/08/2025



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

Day 2(13.08.2025)



Heavy Rainfall Warnings dated 12/08/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 2: 13/08/2025



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 :

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, Tirunelveli, Kanyakumari
PDC	Puducherry and Karaikal

For more details visit www.mausam.imd.gov.in/chennai