

இந்திய அரசு இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை–600006 கொலைபேசி: 044- 28271951



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

DATE: Wednesday, May 8, 2024 (18 Vaisakha 1946)Time of issue: 1300 Hrs ISTDAILYWEATHERREPORTFORTAMILNADU,PUDUCHERRY & KARAIKALAREA

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

Rainfall occurred at one or two places over Tamilnadu and Karaikal area. Very light rainfall occurred over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:

KRP Dam (dist Krishnagiri), Keelpennathur (dist Tiruvannamalai) 9 each, Melalathur (dist Vellore), Chengam (dist Tiruvannamalai) 7 each, RSCL-2 Kanjanur (dist Villupuram), Nedungal (dist Krishnagiri), Mettur (dist Salem), RSCL-2 Kedar (dist Villupuram), RSCL-3 Avalurpettai (dist Villupuram), RSCL-2 Nemoor (dist Villupuram) 5 each, Natrampalli (dist Tirupathur), RSCL-2 Soorapattu (dist Villupuram), Hogenekal (dist Dharmapuri), Vellore (dist Vellore), Gudiyatham (dist Vellore), Katpadi (dist Vellore) 4 each, Jamunamarathur (dist Tiruvannamalai), Virinjipuram AWS (dist Vellore), Kalasapakkam (dist Tiruvannamalai), Krishnagiri (dist Krishnagiri), Polur (dist Tiruvannamalai), Rayakottah (dist Krishnagiri), Parangipettai (dist Cuddalore), Tirukoilur ARG (dist Kallakurichi) 3 each, Tirukoilur (dist Kallakurichi), Cuddalore Collector Office (dist Cuddalore), Barur (dist Krishnagiri), TCS Mill Kethandapatti (dist Tirupathur), Chidambaram AWS (dist Cuddalore), RSCL-3 Anandhapuram (dist Villupuram) 2 each, Thandarampettai (dist Tiruvannamalai), BASL Manampoondi (dist Villupuram), Cuddalore (dist Cuddalore), Paiyur AWS (dist Krishnagiri), RSCL-2 Koliyanur (dist Villupuram), Jambukuttapatti (dist Krishnagiri), Vilupuram (dist Villupuram), RSCL-2 Mundiyampakkam (dist Villupuram), Karaikal (dist Karaikal), Kadavur AWS (dist Karur), Pochampalli ARG (dist Krishnagiri), Tiruvannamalai AWS (Tiruvannamalai), Yelagiri Hill ARG (dist Tirupathur) 1 each.

DESCRIPTION OF TEMPERATURE:

Maximum temperatures observed during the past 24 hours:

During the 24-hr ending 08:30 IST of today (08.05.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal** over few places in the plains of interior Tamilnadu and **normal to above normal** over the coastal areas of Tamilnadu, Puducherry & Karaikal.

Heat wave condition prevailed at isolated pockets in Interior Tamilnadu.

Highest maximum temperature recorded at Tiruchirappalli_AP: 42.1°C (+4.0°C) followed By Madurai_AP: 41.7°C(+4.1°C), Palayamkottai: 41.5°C (+4.1°C), Madurai City 41.2°C (+4.7°C).Karur Paramathi41.5°C (+5.2°C), Erode: 40.8°C(+3.3°C),, Vellore: 40.5°C(+1.5°C) and Tiruthani: 40.1°C(+0.2°C).

Plains of the **rest of Interior Tamilnadu** recorded **38-40°C**. The **coastal areas** of Tamilnadu, Puducherry and Karaikal recorded **35°C to 38°C** and the **hilly areas**, **23°C to 31°C** temperatures. Chennai recorded normal maximum (MBK:38.6°C, +1.0°C and NBK: 36.1°C, -0.3°C).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	
Appreciably rise (2.1° C to 4.0° C)	
Appreciable fall (-2.1 ° C to -4.0° C)	Over Dharmapuri, Erode, Cuddalore, Salem, Thirupattur, Nilgiris and Vellore districts
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	Over Karur district.
(5.1 °C or more)	
Appreciably above Normal	Over Erode, Madurai, Tirunelveli, Trichy and Coimbatore
(3.1-5.0 °C)	(Valparai) districts.
Above normal (1.6° C to 3.0° C)	Over Thanjavur, Coimbatore (AP), Nilgiris, Kanyakumari,
· · · · · ·	Dindigul, Ramanathapuram and Thoothukudi districts.
Below normal (-1.6 ° to -3.0 ° C)	
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.

Dharmapuri recorded the lowest minimum temperature of **22.0°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° c or more)	Over Salem district.
Appreciable rise (2.1 ° C to 4.0°)	Over Karur, Namakkal districts.
Appreciable fall (-2.1º C to -4.0º)	Over Thirupattur and Vellore districts, Puducherry and Karaikal area.
Markedly fall (-4.1º C or less)	Over Chennai, Cuddalore and Nilgiris district.
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)	Over Thanjavur, Madurai and Tirunelveli districts.
Above Normal (1.6 °C to 3.0 °C)	Over Coimbatore, Nilgiris, Kanyakumari, Dindigul, Salem, Trichy, Ramanathapuram and Thoothukudi districts.
Below normal (- 1.6 ° to -3.0 ° C)	Over Chennai, Dharmapuri and Thirupattur districts.
Appreciably below normal (- 3.1° C to -5.0°C)	Over Vellore district.
Markedly below normal (- 5.0° C or less)	
Normal (-1.5° C to 1.5° C)	Over rest of the subdivision.

Synoptic Meteorological feature:

A cyclonic circulation lies over Tamil Nadu and extends upto 1.5 km above mean sea level. Yesterday's trough/wind discontinuity from East Vidarbha to North Tamil Nadu now runs from Northeast Rajasthan to South Interior Karnataka across Madhya Maharashtra & North Interior Karnataka at 0.9 km above mean sea level.

FORECAST & WAR	NINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS
	Light to moderate rain at a few places with thunderstorm, lightning and
	gusty winds with speed reaching 30-40 kmph at a few places is likely to
Day 1 (08.05.2024)	occur over Tamilnadu, Puducherry and Karaikal area.
Day I (00.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore,
	Tiruppur, Dindigul, Theni, Virudhunagar; Hill areas of Tenkasi and
	Tirunelveli districts of Tamilnadu.
	Light to moderate rain at a few places with thunderstorm, lightning and
	gusty winds with speed reaching 30-40 kmph at a few places is likely to
Day 2 (09.05.2024)	occur over Tamilnadu, Puducherry and Karaikal area.
Duy 2 (09:00:2021)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore,
	Tiruppur, Dindigul, Karur, Erode, Namakkal and Salem districts of
	Tamilnadu
	Light to moderate rain at a few places with thunderstorm, lightning and
	gusty winds with speed reaching 30-40 kmph at a few places is likely to
Day 3 (10.05.2024)	occur over Tamilnadu, Puducherry and Karaikal area.
2 u y 0 (101001=0=1)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore,
	Tiruppur, Dindigul, Karur, Erode, Namakkal, Salem, Dharmapuri and
	Kallakurichi districts of Tamilnadu.
	Light to moderate rain at a few places with thunderstorm, lightning and
	gusty winds with speed reaching 30-40 kmph at a few places is likely to
Day 4 (11.05.2024)	occur over Tamilnadu, Puducherry and Karaikal area.
,	Heavy rain is likely to occur at isolated places over Hill areas of
	Coimbatore; Dindigul, Theni, Virudhunagar, Madurai, Tenkasi,
	Tirunelveli and Kanyakumari districts of Tamilnadu
	Light to moderate rain at a few places with thunderstorm, lightning and
Day 5 (12.05.2024)	gusty winds with speed reaching 30-40 kmph at a few places is likely to
	occur over Tamilnadu, Puducherry and Karaikal area.
Day 6 (13.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu,
	Puducherry and Karaikal area.
Day 7 (14.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu,
	Puducherry and Karaikal area.

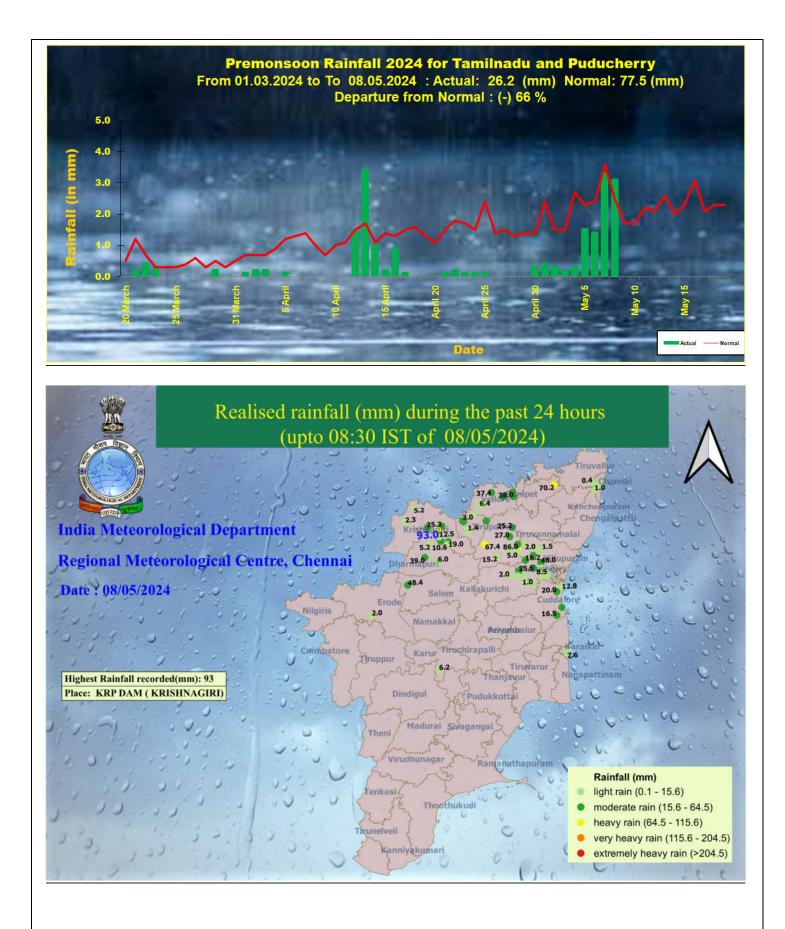
	TEMPERATURE FORECAST						
Day 1 (08.05.2024) to Day 5 (12.05.2024)	Maximum Temperature: 08.05.2024- 12.05.2024: Maximum temperature is likely to fall gradually upto 2°C during next five days (08.05.2024 to 12.05.2024) over Tamilnadu, Puducherry and Karaikal area. 08.05.2024- 12.05.2024: Maximum temperature is likely to be generally 2-3°C above normal over the 						
	Humidity is likely to be about 40-55% in the afternoon hours and 50-85% during the rest of the day over the plains of interior districts; and 55-85% over the coastal areas during the next five days (08.05.2024 to 12.05.2024).						
	HEAVY RAINFALL WARNING						
Day 1 (08.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Theni, Virudhunagar; Hill areas of Tenkasi and Tirunelveli districts of Tamilnadu.						
Day 2 (09.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Karur, Erode, Namakkal and Salem districts of Tamilnadu.						
Day 3 (10.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Karur, Erode, Namakkal, Salem, Dharmapuri and Kallakurichi districts of Tamilnadu.						
Day 4 (11.05.2024)	Heavy rain is likely to occur at isolated places over Hill areas of Coimbatore; Dindigul, Theni, Virudhunagar, Madurai, Tenkasi, Tirunelveli and Kanyakumari districts of Tamilnadu						
	THUNDERSTORM WARNING						
Day 1 (08.05.2024) to Day 5 (12.05.2024)	Thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph is likely to occur at one or two places over Tamilnadu , Puducherry and Karaikal area .						
	TEMPERATURE WARNING						
Day 1 (08.05.2024) & Day 2 (09.05.2024)	Due to humid air & high temperatures, hot & discomfort weather is very likely to prevail at isolated pockets over Interior Tamilnadu, Puducherry and Karaikal area						
LOCA	AL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD						
For next 24 hours	Sky condition is likely to be partly cloudy. Light to Moderate rain 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 26-27°C .						

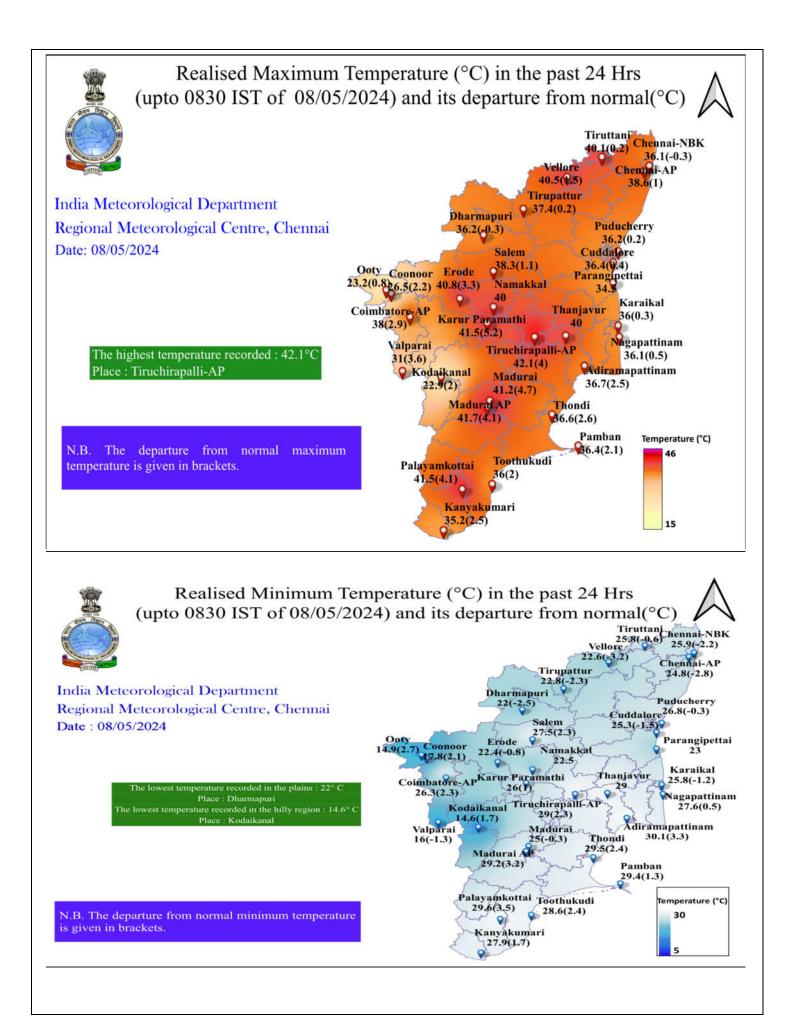
For next 48 hours	Sky condition is likely to be partly cloudy. Light to Moderate rain is likely to occur in some areas during evening/night. Maximum temperature is likely to be 35-36°C and Minimum temperature is likely to be 26-27°C .
	P. SENTHAMARAI KANNAN, SCIENTIST 'F' For Deputy Director General of Meteorology, Regional Meteorological Centre, Chennai

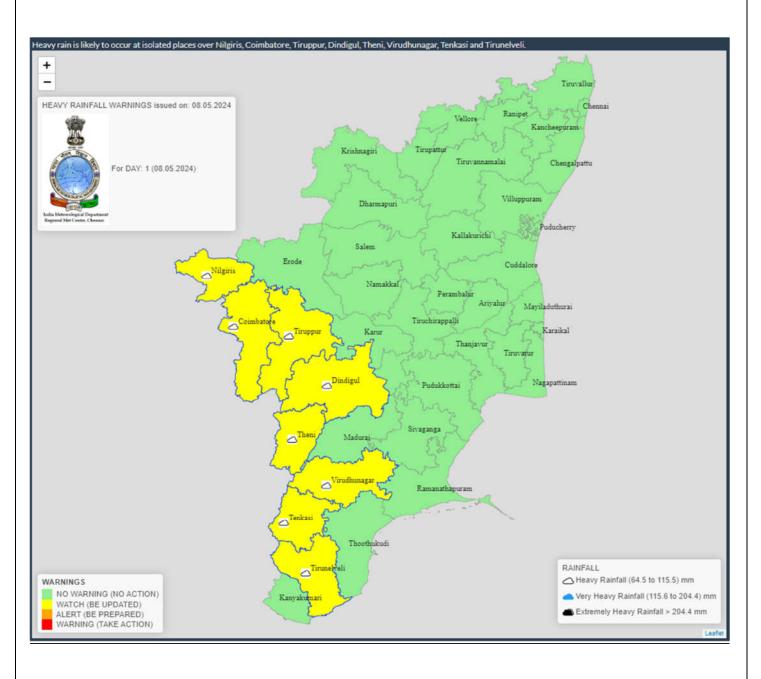
	Temperature Degrees celsius			Humidity percentage		Rainfall						
	Maximum Minimum			Δt	Millimeters			Centimeters				
Stations	Past 24 Hrs	Dep. from normal	Past 24 Hrs	Dep. from normal	0830 Hrs IST	Dep. from normal	Past 24 Hrs	Seasons total from	Departure from normal	Year's total from	Annual normal	Weather remarks
	°C	°C	٥C	٥C	%	%	mm	1-3-2024	mm	1-1- 2024	cm	
Adiramapattinam	36.7	2.5	30.1	3.3	73	-2	0.0	17.7	-90.4	5	124	
Chennai	36.1	-0.3	25.9	-2.2	63	-7	0.5	0.5	-30.4	7	140	
Chennai_AP	38.6	1.0	24.8	-2.8	61	-7	1.0	1.0	-40.9	8	138	r*
Coimbatore_AP	38.0	2.9	26.3	2.3	70	-7	0.0	0.0	-61.4	2	59	z *
Coonoor	26.5	2.2	17.8	2.1	85	12	0.0	219.2	-14.3	37	159	r*
Cuddalore	36.4	0.4	25.3	-1.5	96	24	12.8	12.8	-35.7	17	134	r*
Dharmapuri	36.2	-0.3	22.0	-2.5	90	22	6.0	47.2	-49.9	5	91	r*
Erode	40.8	3.3	22.4	-0.8	68	3	0.0	4.6		2		
Kanyakumari	35.2	2.5	27.9	1.7	67	-9	0.0	82.3	-18.9	9	75	
KarurParamathi	41.5	5.2	26.0	1.0	66	-7	0.0	0.0	-72.4	2	59	
Karaikal	36.0	0.3	25.8	-1.2	100	25	7.6	9.6	-57.1	24	150	r*
Kodaikanal	22.9	2.0	14.6	1.7	87	14	0.0	42.0	-186.9	13	158	
Madurai_City	41.2	4.7	25.0	-0.3	72	-1	0.0	13.5		2		
Madurai_AP	41.7	4.1	29.2	3.2	59	-7	0.0	16.2	-72.4	3	85	
Nagapattinam	36.1	0.5	27.6	0.5	73	-3	0.0	0.5	-68.9	29	143	
Namakkal	40.0		22.5		NA		0.0	11.0		3		
Palayamkottai	41.5	4.1	29.6	3.5	66	-6	0.0	2.0	-108.9	5	73	
Pamban	36.4	2.1	29.4	1.3	76	0	0.0	51.9	-29.1	12	91	
Parangipettai	34.5		23.0		95		24.2	24.2	-34.3	17	139	r*
Puducherry	36.2	0.2	26.8	-0.3	80	6	tr	0.0	-56.7	18	134	d*
Salem	38.3	1.1	27.5	2.3	65	-7	0.0	22.4	-64.2	2	102	
Fhanjavur	40.0		29.0		71		0.0	1.0	-56.1	6	95	
Thirupattur	37.4	0.2	22.8	-2.3	47	-25	1.4	13.8	-54.4	2	95	r*
Tiruchirappalli_AP	42.1	4.0	29.0	2.3	75	6	0.0	0.0	-59.8	1	87	m*
Tiruthani	40.1	0.2	25.8	-0.6	60	0	0.0	0.0	-52.1	3	101	
ſondi	36.6	2.6	29.5	2.4	68	-7	0.0	18.4	-80.8	5	88	
「hoothukudi	36.0	2.0	28.6	2.4	73	-4	0.0	52.3	-46.0	12	63	
Jdagamandalam	23.2	0.8	14.9	2.7	89	13	0.0	33.2	-102.9	9	116	
/alparai	31.0	3.6	16.0	-1.3	91	2	0.0	50.8	-143.0	15	290	
/ellore	40.5	1.5	22.6	-3.2	95	26	38.0	51.9	-10.2	8	103	r*

*Weather at 0830 hours IST. Other remarks refer to preceding 24 hours. NA-Not avble D-Duststorm I-Lightning d-drizzle mmist 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.

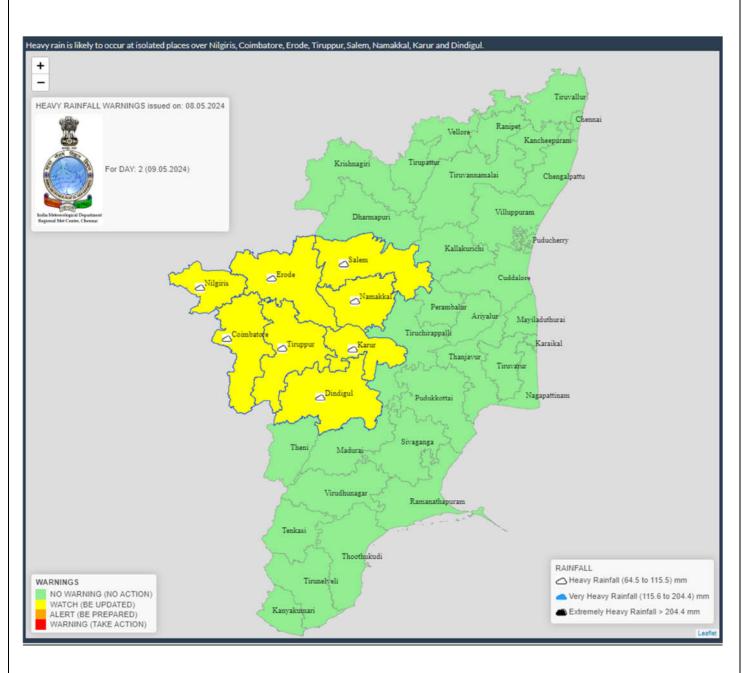
	GOVERNMEN					5	
	INDI/	METEOR	OLOGICAL	DEPARTM	ENT		
	REGIONAL	METEOR	OLOGICAL	CENTRE.	CHENNAL		
Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry PRE-MONSCON RAINFALL 2024 08.05.2024 From 01.03.2024 to 08.05.2024							
PR	E-MONSOON RAINFALL 2024		08.05.2024				
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	3.1	2.5	24	26.3	77.5	-66
}							
	MET. SUBDIVISIONS						
31 534	TAMIL NADU & PUDUCHERRY ARIYALUR	0.0	2.1	-100	10	110	
687	CHENGALPATTU	0.0	2.1	-100	1.9	44.9	-96
461	CHENGALPATTU	0.0	3.2	-100	0.0	34.4	-100
461	COIMBATORE	0.1	2.2	-95	0.1	26.9	-99
463	CUDDALORE	2.6	2.2	-100	2.6	52.0	-09
464	DHARMAPURI	6.3	3.8	65	60.3	87.8	-35
465	DINDIGUL	0.0	2.6	-100	122.6	111.8	10
466	ERODE	0.0	1.8	-100	15.0	85.0	-82
688	KALLAKURICHI	2.4	2.9	-16	2.4	44.4	-95
467	KANCHEEPURAM	0.0	3.0	-100	1.0	38.6	-98
468	KANYAKUMARI	0.0	4.1	-100	73.3	179.6	-59
636	KARAIKAL	7.6	0.6	1167	9.6	66.7	-86
469	KARUR	0.5	1.9	-73	8.3	63.1	-87
470	KRISHNAGIRI	14.5	2.8	417	37.9	76.5	-50
471	MADURAI	0.0	2.6	-100	19.2	90.9	-79
695	MAYILADUTHURAI	0.0	1.2	-100	0.0	56.1	-100
472	NAGAPATTINAM	0.0	1.0	-100	17.0	63.0	-73
473	NAMAKKAL	0.0	1.4	-100	3.4	77.1	-96
474	NILGIRIS	0.0	3.2	-100	50.5	133.4	-62
475	PERAMBALUR	0.0	2.6	-100	0.0	46.1	-100
476	PUDUCHERRY	0.0	1.7	-100	0.0	56.7	-100
477	PUDUKKOTTAI	0.0	2.0	-100	8.5	51.4	-83
478	RAMANATHAPURAM	0.0	1.8	-100	67.0	83.8	-20
689	RANIPET	0.0	1.5	-100	0.0	41.2	-100
479	SALEM	2.8	3.1	-8	16.0	88.6	-82
480	SIVAGANGA	0.0	3.5	-100	8.1	83.4	-90
690	TENKASI	0.0	2.3	-100	35.9	148.3	-76
481	THANJAVUR	0.0	1.7	-100	10.1	62.0	-84
482	THENI	0.0	2.8	-100	34.0	126.6	-73
483	TIRUNELVELI	0.0	1.4	-100	76.2	107.4	-29
691	TIRUPATTUR	10.1	4.1	146	41.3	56.3	-27
535	TIRUPPUR	0.0	2.1	-100	1.2	77.0	-99
484	TIRUVALLUR	0.0	2.8	-100	0.3	36.7	-99
485	TIRUVANNAMALAI	21.5	2.7	696	28.9	51.0	-43
486	TIRUVARUR	0.0	2.1	-100	6.5	65.8	-90
488	тоотникирі	0.0	1.9	-100	14.9	89.7	-83
487	TRICHY	0.0	3.9	-100	3.7	57.3	-94
489	VELLORE	30.3	3.3	819	51.9	55.0	-6
490	VILLUPURAM	14.9	2.2	576	14.9	36.0	-59
491	VIRUDHUNAGAR	0.0	2.8	-100	36.3	102.9	-65
	SUBDIVISION RAINFALL	3.1	2.5	24	26.2	77.5	-66
EGEND	PDN*			Percentage Depa	arture from Norma		



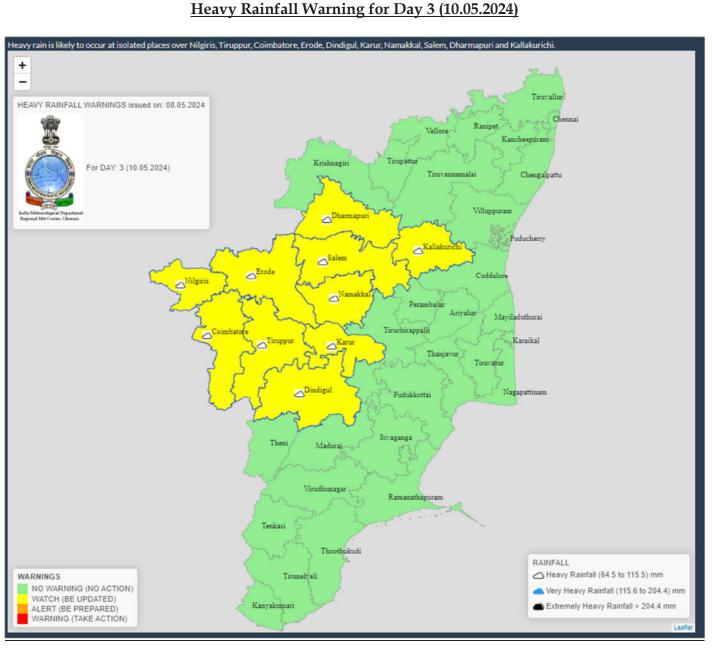




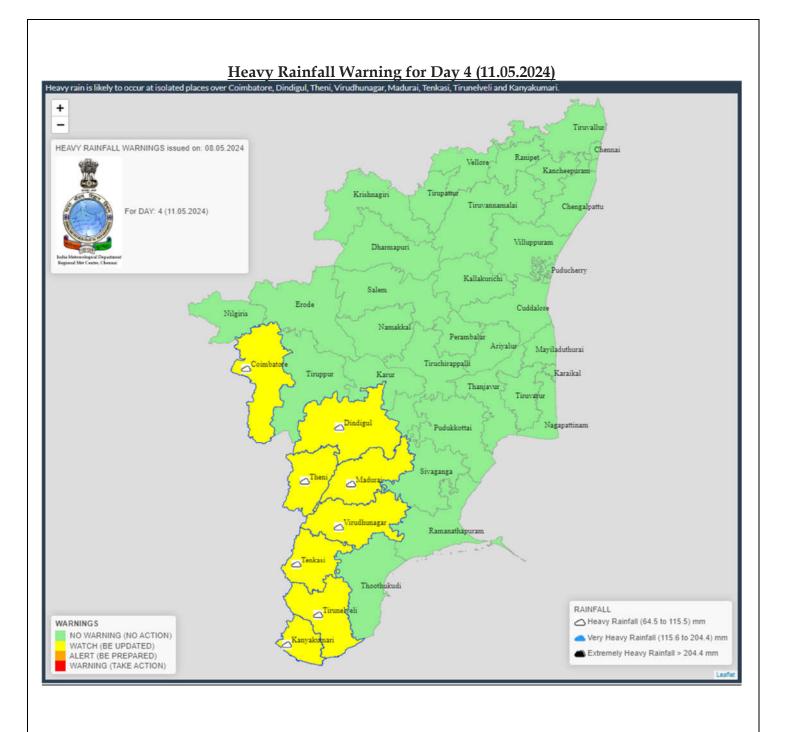
Heavy Rainfall Warning for Day 1 (08.05.2024)



Heavy Rainfall Warning for Day 2 (09.05.2024)



Heavy Rainfall Warning for Day 3 (10.05.2024)



Legends:

North Tamil Nadu	Chennai, Kancheepuram, Chengalpattu, Tiruvallur, Cuddalore, Villupuram,
(NTN) districts	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	Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram,
(STN) districts	Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari.
Interior Tamil Nadu	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram,
(ITN) districts	Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris,
	Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai,
	Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
North interior Tamil	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram,
Nadu (NITN) districts	Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris,
	Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur and Perambalur.
South interior Tamil	Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
Nadu (SITN) districts	
Coastal Tamil Nadu	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur,
(CTN) districts	Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram,
	Thoothukudi, Tirunelveli, Kanyakumari.
North Coastal Tamil	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur,
Nadu (NCTN)	Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai.
districts	
South Coastal Tamil	Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
Nadu (SCTN) districts	
Delta Districts	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and
	Karaikal area.
Delta and Adjoining	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Karaikal
districts	and Tiruchirapalli, Perambalur, Ariyalur, Cuddalore.
Western Ghat districts	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar
PDC	Puducherry and Karaikal

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