



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: Saturday, September 28, 2024 (6 Asvina 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 isolated places over Tamilnadu (at a few places over North Tamilnadu and at isolated places over South Tamilnadu). Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Srivilliputhur (dist Virudhunagar), Sattur (dist Virudhunagar) 8 each, Vazhapadi (dist Salem) 7, Arcot (dist Ranipet), Wallajah (dist Ranipet) 6 each, Anaimaduvu Dam (dist Salem) 5, Theerthandathanam (dist Ramanathapuram), Edapadi (dist Salem), Rasipuram (dist Namakkal) 4 each, Pallipattu (dist Tiruvallur), Vattanam (dist Ramanathapuram), Chembarabakkam (dist Kancheepuram), Krishnarayapuram (dist Karur), Vaniyambadi (dist Tirupathur), Ammoor (Walajah Railway) (dist Ranipet), Mayanur (dist Karur), Ennore AWS (dist Chennai), Gobichettipalayam (dist Erode), Erumapatti (dist Namakkal), Kovilpatti (dist Thoothukudi), Ponnai Dam (dist Vellore), Kamudhi (dist Ramanathapuram), Rajapalayam (dist Virudhunagar), Chembarambakkam ARG (dist Kancheepuram), Vettikadu (dist Thanjavur), Poonamallee (dist Tiruvallur), Koppampatti (dist Thiruchirappalli) 3 each, Mettur (dist Salem), Mangalapuram (dist Namakkal), Thuraiyur (dist Thiruchirappalli), Barur (dist Krishnagiri), Ammundi (dist Vellore), Thogamalai (dist Karur), Kamudhi ARG (dist Ramanathapuram), Sivakasi (dist Virudhunagar), Sivagangai PWD TB (dist Sivagangai), Ammapettai (dist Erode), Ranipet (dist Ranipet), Red Hills (dist Tiruvallur), Perambur (dist Chennai), Chamraj Estate (dist The Nilgiris), RSCL-2 Soorapattu (dist Villupuram), Elanthakuttai Medu (dist Erode), Kolapakkam ARG (dist Kancheepuram), Palar Anicut (dist Ranipet), Tiruvadana (dist Ramanathapuram) 2 each, Yercaud (dist Salem), Jambukuttapatti (dist Krishnagiri), Tirupathur (dist Sivagangai), Pochampalli ARG (dist Krishnagiri), Adiramapattinam (dist Thanjavur), Wood Braiyar Estate (dist The Nilgiris), Paiyur AWS (dist Krishnagiri), Tnau Cri Yethapur (dist Salem), Puduchatram (dist Namakkal), Nkl Collectorate (dist Namakkal), Kundrathur (dist Kancheepuram), Singampunari (dist Sivagangai), Panchapatti (dist Karur), ACS Medical College ARG (dist Kancheepuram), Chennai(N) AWS (dist Chennai), Harisan Malayalam Ltd. (dist The Nilgiris), Tiruchengode (dist Namakkal), Zone1 U32 Maduravoyal (dist Chennai), TNAU Coimbatore (dist Coimbatore), Devakottai (dist Sivagangai), Chennai (N) (dist Chennai), Illayangudi (dist Sivagangai), Vembakkam (dist Tiruvannamalai), Zone1 Valasaravakkam (dist Chennai), Tirumayam (dist Pudukkottai), Sethu Bhaskar Agri College AWS (dist Sivagangai), Thenparanadu (dist Thiruchirappalli), Koratur (dist Tiruvallur), Arantangi (dist Pudukkottai) 1 each.

DESCRIPTION OF TEMPERATURE: (in the plains)

Madurai City, Madurai Airport and Palayamkottai recorded the highest maximum temperature of **39.4 °C**.

Erode recorded the lowest minimum temperature of **19.8 °C**.

Synoptic Meteorological Features:

A trough runs from South Interior Karnataka to Gulf of Mannar across Interior Tamil Nadu at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (28.09.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district; Nilgiris ,Tiruppur , Theni, Dindigul, Virudhunagar, Tenkasi , Tirunelveli, Kanyakumari, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Tiruchirappalli, Tirupattur and Tiruvannamalai districts of Tamilnadu.
Day 2 (29.09.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district; Nilgiris, Tiruppur, Theni, Dindigul, Virudhunagar, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Thoothukudi districts of Tamilnadu.
Day 3 (30.09.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district; Nilgiris, Tiruppur, Theni, Dindigul, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts of Tamilnadu.
Day 4 (01.10.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (02.10.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Outlook for subsequent two days	
Day 6 (03.10.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (04.10.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

HEAVY RAINFALL WARNING

Day 1 (28.09.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district; Nilgiris ,Tiruppur , Theni, Dindigul, Virudhunagar, Tenkasi , Tirunelveli, Kanyakumari, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Tiruchirappalli, Tirupattur and Tiruvannamalai districts of Tamilnadu.
Day 2 (29.09.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district; Nilgiris, Tiruppur, Theni, Dindigul, Virudhunagar, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Thoothukudi districts of Tamilnadu.
Day 3 (30.09.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district; Nilgiris, Tiruppur, Theni, Dindigul, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts of Tamilnadu.

THUNDERSTORM WARNING

Day 1 (28.09.2024) to Day 5 (02.10.2024)	Thunderstorm with 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. Thunderstorm & lightning with Moderate rain is likely to occur in some areas. 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. Thunderstorm & lightning with Light /Moderate rain is likely to occur in some areas. 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.

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:28-09-2024 (6 Asvina 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	36.5	3.5	23.5	-1.4	77	-2	12.1	327.3	15.5	55	124	r*
Chennai	35.3	1.8	26.5	1.0	91	11	9.2	694.2	250.7	78	140	r*
Chennai_AP	34.3	0.7	26.2	1.2	81	2	0.8	740.4	246.7	83	138	r*
Coimbatore_AP	34.0	1.3	24.0	1.5	83	3	0.0	101.4	-41.1	34	59	m*
Coonoor	22.0	0.1	15.2	0.8	83	3	tr	318.4	-43.8	101	159	d*
Cuddalore	29.6	-3.6	26.2	1.2	92	11	0.0	415.6	57.6	63	134	
Dharmapuri	34.0	2.2	23.2	0.9	82	2	10.0	341.0	-42.3	53	91	r*
Erode	38.0	3.8	19.8	-2.6	79	8	1.4	313.8	--	40	--	r*
Kanyakumari	33.2	2.3	25.6	1.0	82	4	0.0	251.2	32.7	58	75	
KarurParamathi	38.0	5.2	23.5	0.1	69	-11	0.0	317.2	68.3	49	59	
Karaikal	33.8	0.7	27.6	2.3	74	-6	0.0	169.3	-119.9	50	150	
Kodaikanal	22.1	3.6	12.6	1.1	86	3	0.0	611.2	74.0	96	158	
Madurai_City	39.4	4.7	24.6	0.7	74	2	2.2	289.6	--	43	--	r*
Madurai_AP	39.4	4.8	26.7	2.2	72	0	tr	203.6	-93.6	33	85	d*
Nagapattinam	35.0	1.6	27.2	1.8	74	-7	0.0	141.9	-122.7	52	143	
Namakkal	NA	--	NA	--	NA	--	NA	--	--	--	--	
Palayamkottai	39.4	4.1	29.2	4.5	68	-2	0.0	123.6	39.1	27	73	
Pamban	35.0	2.2	26.3	-0.1	81	3	0.0	56.9	-7.5	37	91	
Parangipettai	34.0	--	27.1	--	81	--	0.0	241.6	-63.9	46	139	
Puducherry	30.8	-2.5	26.8	1.9	91	7	0.0	545.2	171.2	78	134	
Salem	34.6	1.6	22.4	-0.5	93	12	4.6	538.5	44.7	77	102	r*
Thanjavur	38.0	--	29.8	--	74	--	0.0	210.5	-103.9	30	95	
Thirupattur	33.2	1.4	24.2	1.8	85	2	1.0	572.6	111.2	67	95	r*
Tiruchirappalli_AP	37.5	3.2	26.0	1.3	73	-3	tr	269.8	-45.7	50	87	d*
Tiruthani	35.0	2.4	24.0	0.0	84	4	0.0	727.8	226.9	79	101	
Tondi	35.0	2.2	24.0	-1.2	80	3	2.6	330.4	184.4	58	88	r*
Thoothukudi	35.4	1.9	26.2	0.9	72	-5	0.0	30.2	-2.2	26	63	
Udagamandalam	20.2	1.2	12.4	1.7	90	0	0.0	587.0	75.9	89	116	
Valparai	25.5	0.2	15.0	-1.6	92	4	0.6	2861.2	751.9	350	290	r*
Vellore	33.9	0.6	24.6	1.1	90	7	3.2	645.2	140.2	73	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.

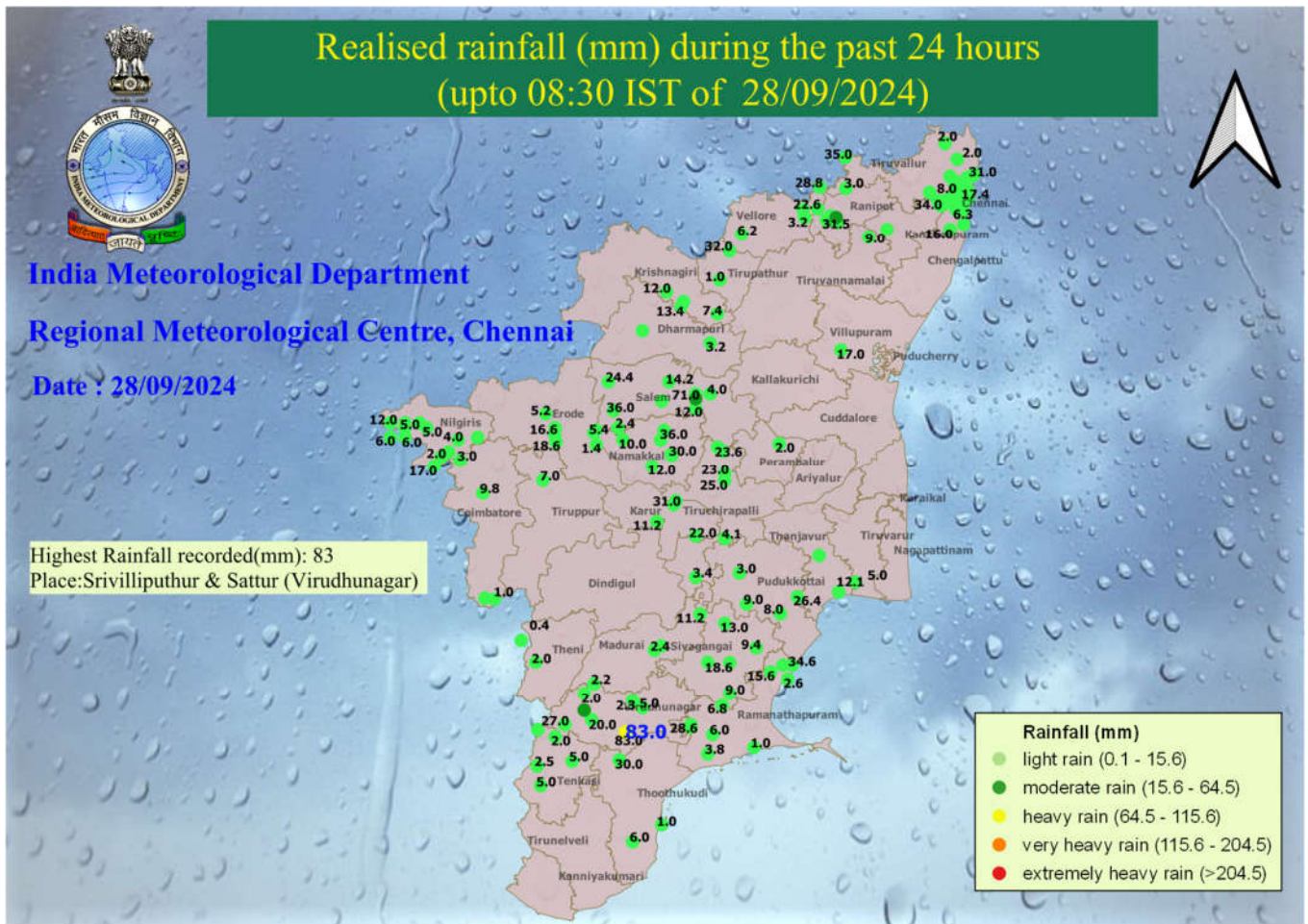
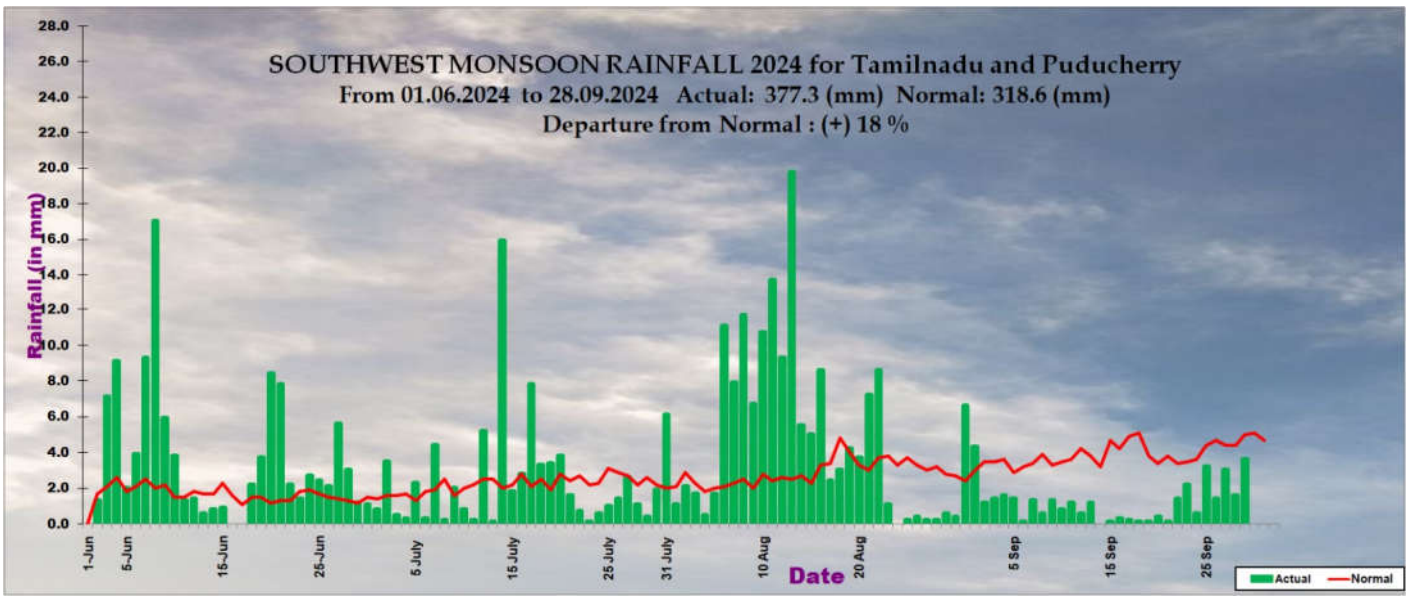
GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise Daily / Seasonal Rainfall Distribution for Tamil Nadu & Puducherry

SOUTHWEST-MONSOON RAINFALL 2024		28.09.2024			From 01.06.2024 to 28.09.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	3.6	5.0	-28	377.2	318.6	18
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	4.4	-100	248.9	305.3	-18
687	CHENGALPATTU	1.5	6.2	-77	543.1	385.5	41
461	CHENNAI	2.7	6.4	-58	641.5	431.1	49
462	COIMBATORE	0.5	5.7	-92	953.7	678.9	40
463	CUDDALORE	0.0	4.7	-100	401.5	342.0	17
464	DHARMAPURI	0.7	6.0	-89	336.0	367.8	-9
465	DINDIGUL	0.0	6.9	-100	292.8	292.2	0
466	ERODE	4.3	6.0	-28	248.2	256.9	-3
688	KALLAKURICHI	0.0	3.8	-100	334.5	387.8	-14
467	KANCHEEPURAM	2.6	5.0	-47	635.2	454.2	40
468	KANYAKUMARI	0.0	3.2	-100	487.2	486.9	0
636	KARAIKAL	0.0	7.6	-100	169.5	289.2	-41
469	KARUR	8.1	6.0	35	208.6	195.5	7
470	KRISHNAGIRI	3.3	6.5	-50	373.7	344.5	8
471	MADURAI	0.3	6.1	-95	294.5	288.4	2
695	MAYILADUTHURAI	0.0	4.4	-100	202.8	292.8	-31
472	NAGAPATTINAM	0.0	3.8	-100	122.3	238.4	-49
473	NAMAKKAL	13.0	6.8	91	280.1	322.0	-13
474	NILGIRIS	2.6	7.4	-64	1233.7	830.9	48
475	PERAMBALUR	0.2	3.6	-95	262.4	269.1	-3
476	PUDUCHERRY	0.0	2.9	-100	545.0	374.0	46
477	PUDUKKOTTAI	0.8	5.6	-86	329.7	287.7	15
478	RAMANATHAPURAM	8.9	3.8	135	144.0	125.3	15
689	RANIPET	17.2	3.9	340	672.0	429.1	57
479	SALEM	12.9	6.7	92	453.7	394.9	15
480	SIVAGANGA	7.0	6.2	13	397.1	307.9	29
690	TENKASI	1.5	1.4	4	229.4	166.1	38
481	THANJAVUR	1.8	4.8	-63	237.3	294.0	-19
482	THENI	0.1	4.8	-98	350.8	231.3	52
483	TIRUNELVELI	0.0	1.1	-100	305.7	86.6	253
691	TIRUPATTUR	4.4	4.2	5	433.2	413.8	5
535	TIRUPPUR	0.4	3.9	-91	185.5	147.3	26
484	TIRUVALLUR	8.6	6.1	40	653.0	450.4	45
485	TIRUVANNAMALAI	0.8	6.0	-88	550.9	437.3	26
486	TIRUVARUR	0.6	5.6	-90	209.8	286.1	-27
488	TOOTHUKUDI	1.7	1.5	12	52.1	62.9	-17
487	TRICHY	2.7	5.4	-49	213.1	268.1	-21
489	VELLORE	8.0	6.0	33	527.2	419.5	26
490	VILLUPURAM	0.9	3.7	-76	535.8	384.7	39
491	VIRUDHUNAGAR	15.9	3.4	368	277.0	187.0	48
	SUBDIVISION RAINFALL	3.6	5.0	-29	377.3	318.6	18
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

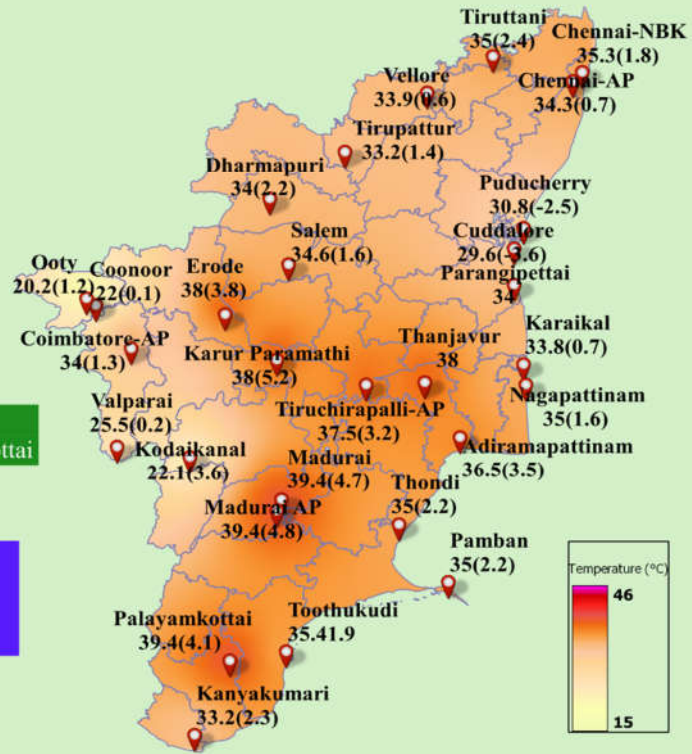




Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 28/09/2024) and its departure from normal(°C)

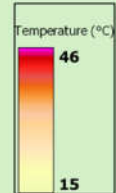


India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 28/09/2024



The highest temperature recorded : 39.4°C
Place : Madurai (Airport), Madurai (City), Palayamkottai

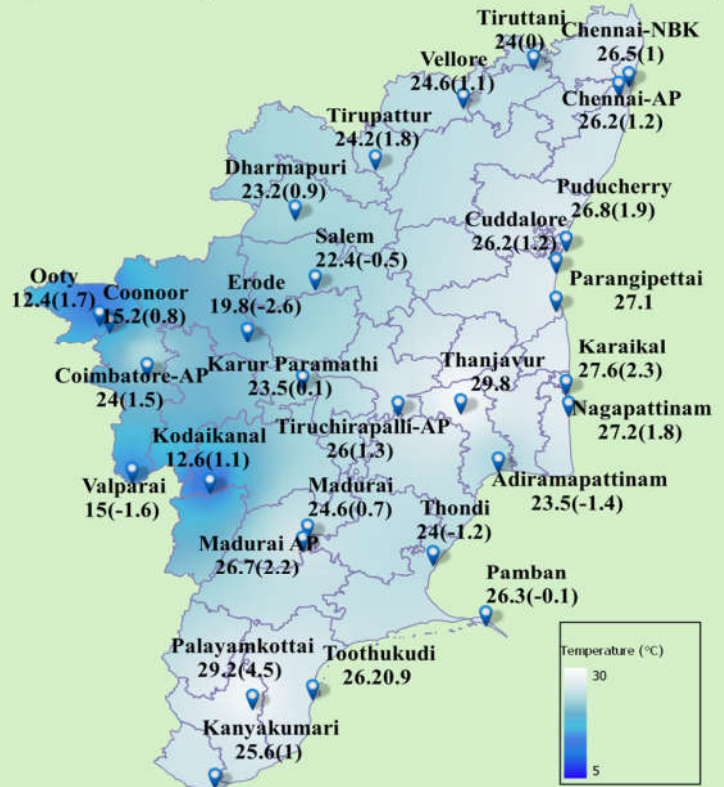
N.B. The departure from normal maximum temperature is given in brackets.



Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 28/09/2024) and its departure from normal(°C)

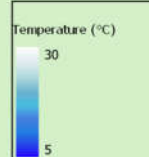


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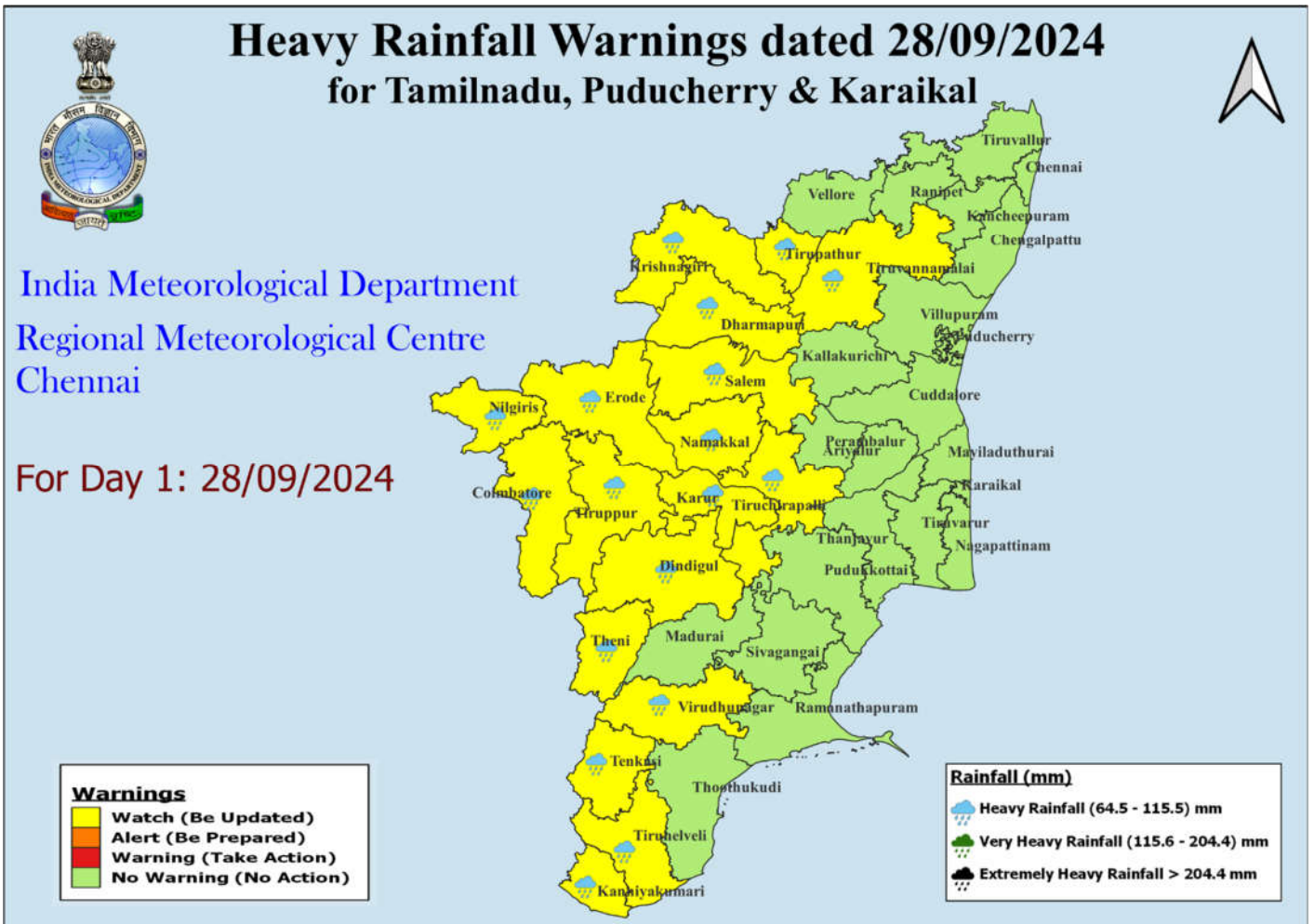
The lowest temperature recorded in the plains : 19.8°C
Place : Erode
The lowest temperature recorded in the hilly region : 12.4°C
Place : Ooty

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



HEAVY RAINFALL WARNINGS

DAY 1 (28.09.2024)



DAY 2 (29.09.2024)



Heavy Rainfall Warnings dated 28/09/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 2: 29/09/2024



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

DAY 3 (30.09.2024)

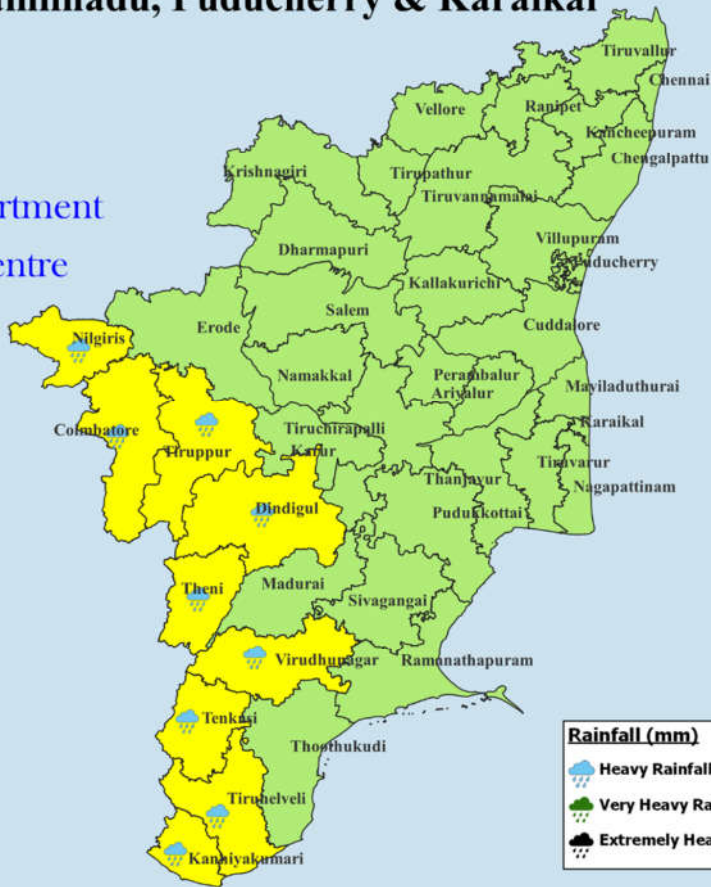


Heavy Rainfall Warnings dated 28/09/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 3: 30/09/2024



Warnings	
Yellow	Watch (Be Updated)
Orange	Alert (Be Prepared)
Red	Warning (Take Action)
Green	No Warning (No Action)

Rainfall (mm)	
Blue	Heavy Rainfall (64.5 - 115.5) mm
Green	Very Heavy Rainfall (115.6 - 204.4) mm
Black	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