



இந்திய அரசு
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மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
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DATE: Tuesday, October 29, 2024 (7 Karthika 1946)

Time of issue: 1300 Hrs IST

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

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

Rainfall occurred at one or two places over Tamilnadu (at a few places over South Interior Tamilnadu; at one or two places over North Interior Tamilnadu and Coastal Tamilnadu). Very light rain occurred over Puducherry. Dry weather prevailed over Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Chinnakalar (dist Coimbatore), Sholavandan (dist Madurai) 4 each, Sathiar (dist Madurai), Marungapuri (dist Thiruchirappalli), Viralimalai (dist Pudukkottai) 3 each, Andipatti (dist Madurai) 2, Vadipatti (dist Madurai), Cincona (dist Coimbatore), Valparai PTO (dist Coimbatore), Manjalar (dist Theni), Nilakottai (dist Dindigul), Gundar Dam (dist Tenkasi), Upasi TRF AWS (dist The Nilgiris), Dindigul (dist Dindigul), Madukkur (dist Thanjavur), Tiruchirappalli Airport (dist Thiruchirappalli), Vathalai Anaicut (dist Thiruchirappalli) 1 each.

DESCRIPTION OF TEMPERATURE: (in the plains)

Madurai Airport recorded the highest maximum temperature of **36.4°C**.

Erode recorded the lowest minimum temperature of **18.4°**.

SYNOPTIC METEOROLOGICAL FEATURE:

Light to moderate Northwesterlies /Westerlies/Southwesterlies is prevailing over the region in the lower tropospheric levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (29.10.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 2 (30.10.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (31.10.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (01.11.2024)	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 Erode, Krishnagiri, Dharmapuri, Salem, Tirupattur, Namakkal, Tiruchirappalli, Theni, Dindigul, Madurai and Karur districts.
Day 5 (02.11.2024)	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 Ghat areas of Tenkasi and Tirunelveli districts; Nilgiris, Coimbatore, Tiruppur, Erode, Theni, Dindigul, Madurai, Kanyakumari and Virudhunagar districts.
Day 6 (03.11.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (04.11.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

HEAVY RAINFALL WARNING

Day 4 (01.11.2024)	Heavy rain is likely to occur at isolated places over Erode, Krishnagiri, Dharmapuri, Salem, Tirupattur, Namakkal, Tiruchirappalli, Theni, Dindigul, Madurai and Karur districts.
Day 5 (02.11.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Tenkasi and Tirunelveli districts; Nilgiris, Coimbatore, Tiruppur, Erode, Theni, Dindigul, Madurai, Kanyakumari and Virudhunagar districts.

THUNDERSTORM WARNING

Day 3 (31.10.2024) to Day 5 (02.11.2024)	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

29.10.2024	Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum temperature is likely to be around 35°C and Minimum temperature is likely to be around 27°C .
30.10.2024	Sky condition is likely to be partly cloudy. Light 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 .
31.10.2024 *(DIWALI DAY)*	Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum temperature is likely to be 34-35°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:29-10-2024 (7 Kartika 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	1-10-2024	mm	
Adiramapattinam	35.0	3.8	26.5	2.7	78	-7	0.0	280.0	70.7	84	124	
Chennai	35.2	4.2	28.2	4.3	88	4	0.0	356.6	100.4	114	140	
Chennai_AP	35.5	4.5	27.4	3.7	88	4	0.0	284.4	17.6	112	138	m*
Coimbatore_AP	33.0	2.1	22.4	0.5	75	-8	0.0	281.5	150.0	63	59	m*
Coonoor	22.6	2.5	14.0	0.1	80	-5	0.0	205.6	-119.4	134	159	
Cuddalore	33.4	2.6	25.6	1.9	91	5	0.0	235.3	-2.9	87	134	
Dharmapuri	31.0	1.5	22.5	1.6	78	-5	0.0	283.0	119.5	82	91	
Erode	35.2	3.4	18.4	-3.2	83	9	0.0	229.8	--	63	--	
Kanyakumari	31.8	1.1	25.2	1.2	79	-1	0.0	100.9	-29.0	69	75	
KarurParamathi	35.5	5.1	20.5	-1.7	77	-7	0.0	320.8	194.8	81	59	
Karaikal	33.8	3.0	27.5	3.2	77	-9	0.0	192.4	-44.1	69	150	
Kodaikanal	17.8	0.7	11.6	0.8	90	2	0.3	284.5	42.6	129	158	
Madurai_City	34.6	1.8	24.8	1.3	82	6	0.0	385.4	--	82	--	
Madurai_AP	36.4	4.3	24.1	0.7	77	-2	5.6	217.8	56.9	55	85	r*
Nagapattinam	34.5	3.7	27.1	2.7	80	-8	0.0	131.4	-96.4	65	143	
Namakkal	34.5	--	NA	--	NA	--	NA	--	--	--	--	
Palayamkottai	35.1	3.2	25.4	1.5	70	-12	0.0	43.4	-106.4	41	73	
Pamban	33.6	2.4	26.9	1.7	78	-4	0.0	249.7	58.1	61	91	
Parangipettai	34.1	--	27.1	--	90	--	0.0	267.0	25.9	73	139	
Puducherry	34.6	3.3	27.3	3.9	81	-6	0.1	179.7	-67.3	97	134	
Salem	33.0	1.7	23.8	1.7	76	-6	0.0	410.0	235.5	118	102	z*
Thanjavur	35.0	--	26.0	--	81	--	0.0	175.6	1.1	48	95	
Thirupattur	29.0	-0.5	24.2	2.9	70	-14	0.0	256.0	121.0	93	95	
Tiruchirappalli_AP	35.1	3.5	25.0	1.3	82	-1	9.6	340.6	203.3	84	87	r*
Tiruthani	34.6	4.3	25.0	2.9	86	5	0.0	133.8	-16.8	93	101	
Tondi	34.1	2.7	27.0	2.8	73	-10	0.0	260.6	68.3	85	88	
Thoothukudi	32.5	1.0	25.7	1.8	71	-12	0.0	59.5	-104.4	34	63	
Udagamandalam	18.7	0.3	10.2	0.0	77	-12	0.0	154.6	-12.8	108	116	
Valparai	27.0	1.5	16.0	-0.4	95	4	13.0	568.4	335.9	409	290	r*
Vellore	33.4	2.6	24.6	2.9	84	-1	0.0	201.1	61.7	94	103	z*

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

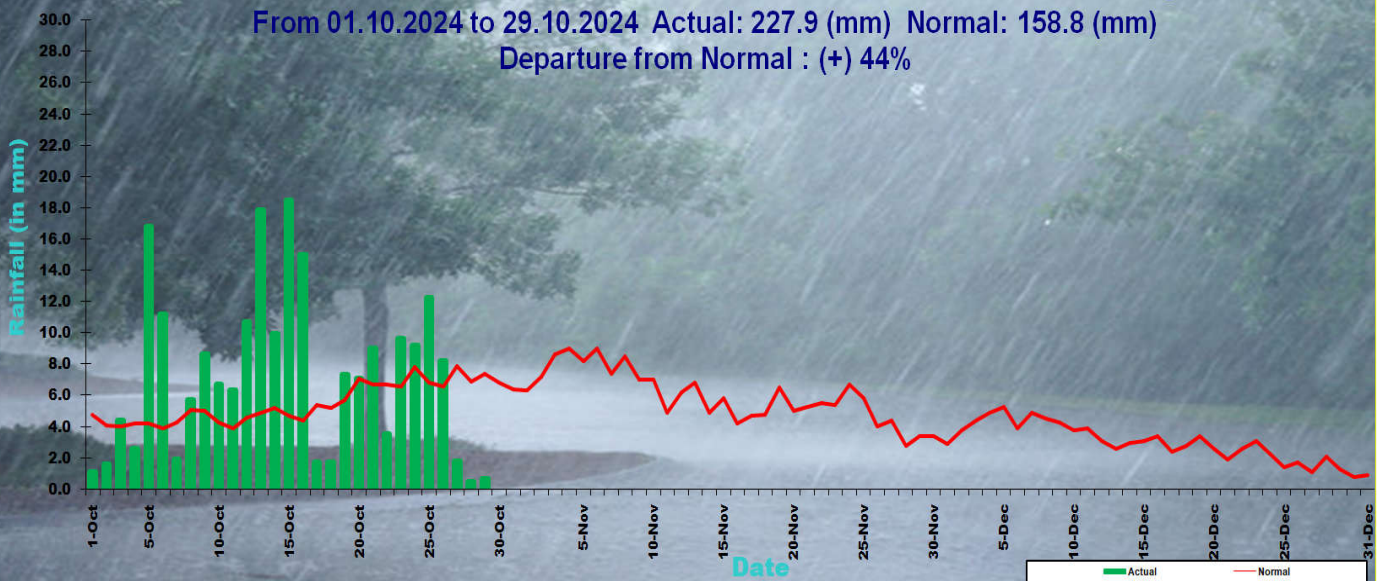
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

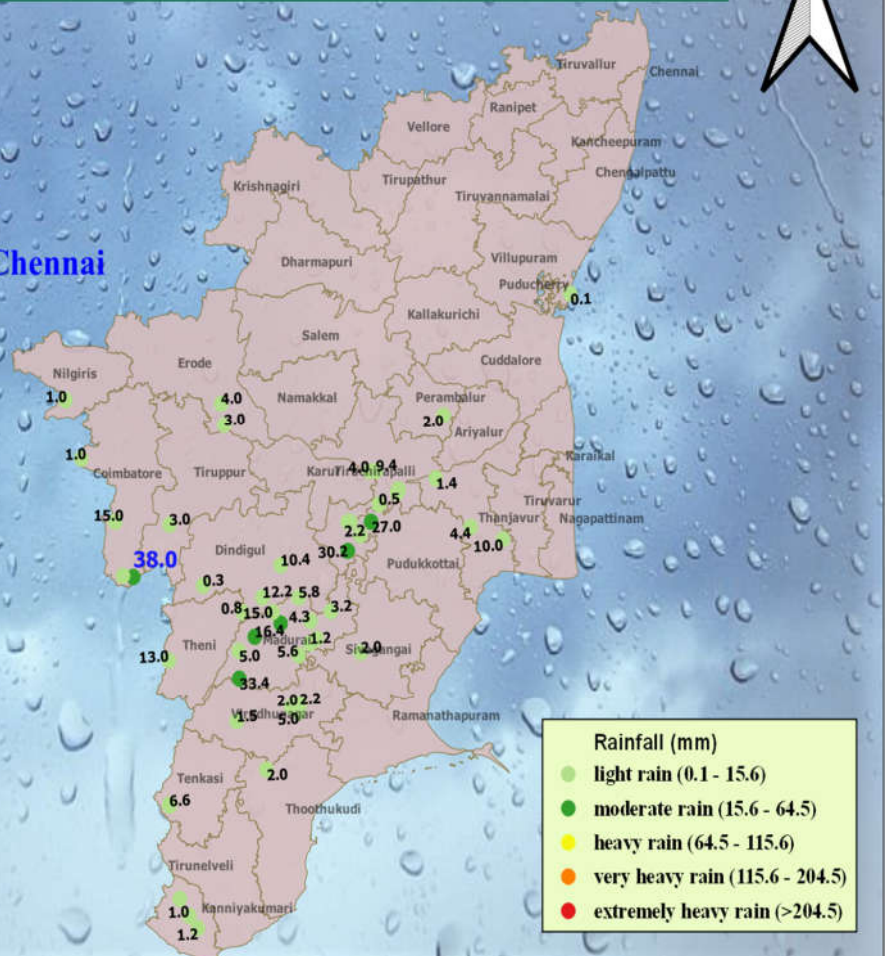
NORTHEAST MONSOON RAINFALL 2024		29.10.2024			From 01.10.2024 to 29.10.2024		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.7	7.4	-91	228.0	158.5	44
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	8.6	-100	163.0	144.4	13
687	CHENGALPATTU	0.0	11.2	-100	215.7	213.1	1
461	CHENNAI	0.0	14.2	-100	345.5	248.5	39
462	COIMBATORE	2.7	5.1	-47	331.6	150.2	121
463	CUDDALORE	0.0	12.5	-100	198.4	189.4	5
464	DHARMAPURI	0.0	7.2	-100	218.5	153.0	43
465	DINDIGUL	2.4	6.2	-62	305.4	181.6	68
466	ERODE	0.4	4.7	-91	194.5	141.6	37
688	KALLAKURICHI	0.0	7.7	-100	170.6	149.1	14
467	KANCHEEPURAM	0.0	11.1	-100	159.4	174.2	-9
468	KANYAKUMARI	0.3	10.6	-97	270.2	232.0	16
636	KARAIKAL	0.0	16.6	-100	192.3	236.5	-19
469	KARUR	0.0	5.2	-100	203.5	122.7	66
470	KRISHNAGIRI	0.0	6.0	-100	252.7	153.7	64
471	MADURAI	5.7	5.8	-2	314.4	162.4	94
695	MAYILADUTHURAI	0.0	13.3	-100	190.0	214.2	-11
472	NAGAPATTINAM	0.0	13.6	-100	119.0	211.9	-44
473	NAMAKKAL	0.0	6.3	-100	179.4	129.2	39
474	NILGIRIS	0.0	6.4	-99	227.2	209.2	9
475	PERAMBALUR	0.2	7.2	-97	169.2	152.6	11
476	PUDUCHERRY	0.1	17.5	-99	179.7	247.0	-27
477	PUDUKKOTTAI	1.1	5.8	-81	225.8	127.6	77
478	RAMANATHAPURAM	0.0	7.7	-100	190.5	171.7	11
689	RANIPET	0.0	7.3	-100	165.4	138.4	20
479	SALEM	0.0	6.5	-100	227.1	156.9	45
480	SIVAGANGA	0.2	5.7	-96	313.8	171.6	83
690	TENKASI	1.9	7.5	-75	98.5	158.9	-38
481	THANJAVUR	0.7	9.6	-93	222.1	155.4	43
482	THENI	1.1	3.5	-69	191.1	157.8	21
483	TIRUNELVELI	0.0	7.5	-100	115.2	137.1	-16
691	TIRUPATTUR	0.0	6.0	-100	270.6	121.7	122
535	TIRUPPUR	0.2	3.7	-96	265.0	130.8	103
484	TIRUVALLUR	0.0	14.2	-100	252.1	191.9	31
485	TIRUVANNAMALAI	0.0	8.0	-100	186.7	162.6	15
486	TIRUVARUR	0.0	13.0	-100	199.7	179.2	11
488	TOOTHUKUDI	0.1	6.6	-99	524.4	139.9	275
487	TRICHY	2.8	6.8	-59	215.9	135.4	59
489	VELLORE	0.0	5.5	-100	205.9	140.0	47
490	VILLUPURAM	0.0	11.3	-100	161.2	162.8	-1
491	VIRUDHUNAGAR	0.9	6.4	-85	149.3	159.3	-6
	SUBDIVISION RAINFALL	0.7	7.4	-91	227.9	158.8	44
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

Departure from Normal : (+) 44%



Date : 29/10/2024

Place: CHINNAKALAR (COIMBATORE)





Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 29/10/2024) and its departure from normal(°C)

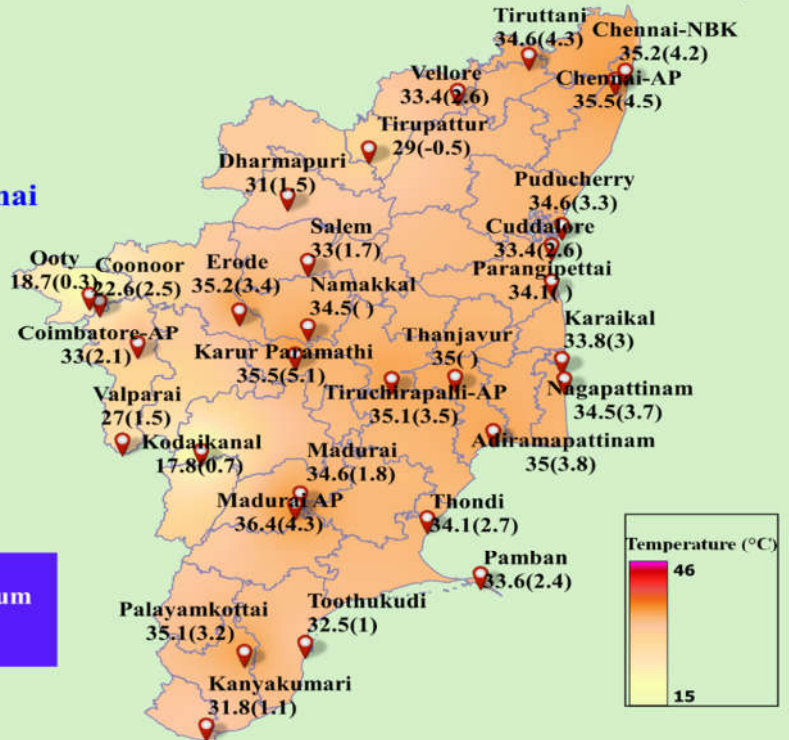


India Meteorological Department
Regional Meteorological Centre, Chennai

Date: 29/10/2024

The highest temperature recorded : 36.4°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 29/10/2024) and its departure from normal(°C)

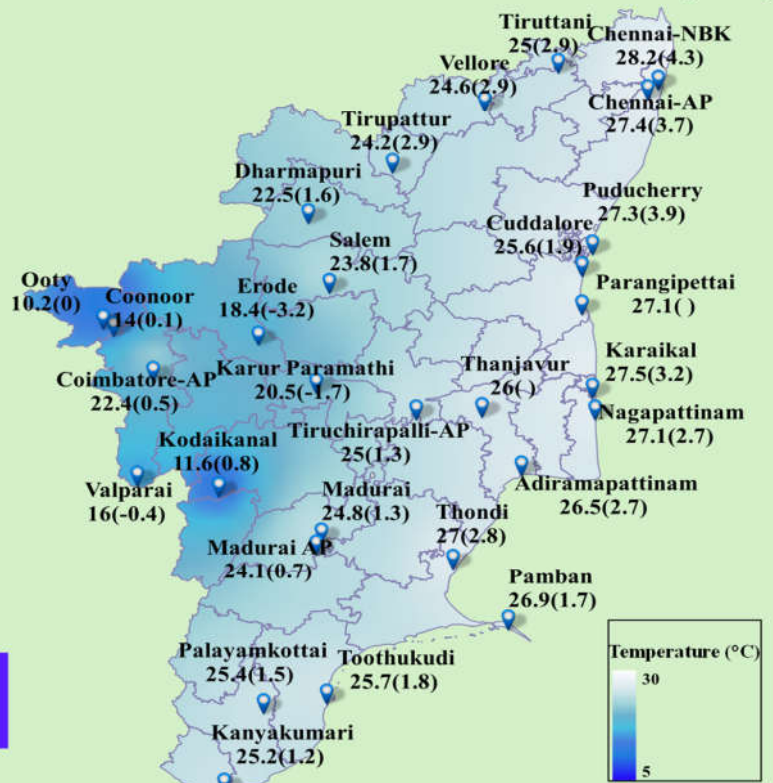


India Meteorological Department
Regional Meteorological Centre, Chennai

Date : 29/10/2024

The lowest temperature recorded in the plains : 18.4° C
Place : Erode
The lowest temperature recorded in the hilly region : 10.2° C
Place : Ooty

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



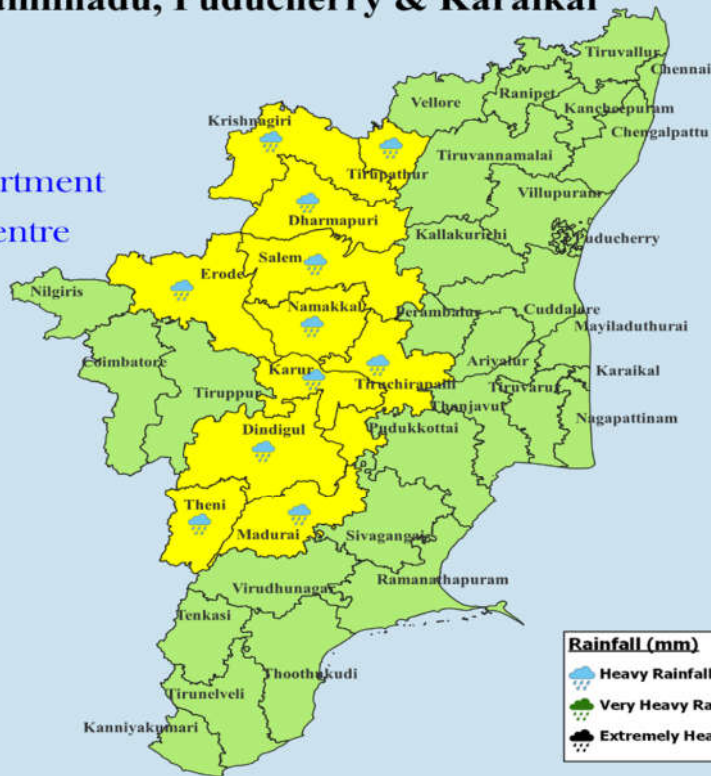


Heavy Rainfall Warnings dated 29/10/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 4: 01.11.24

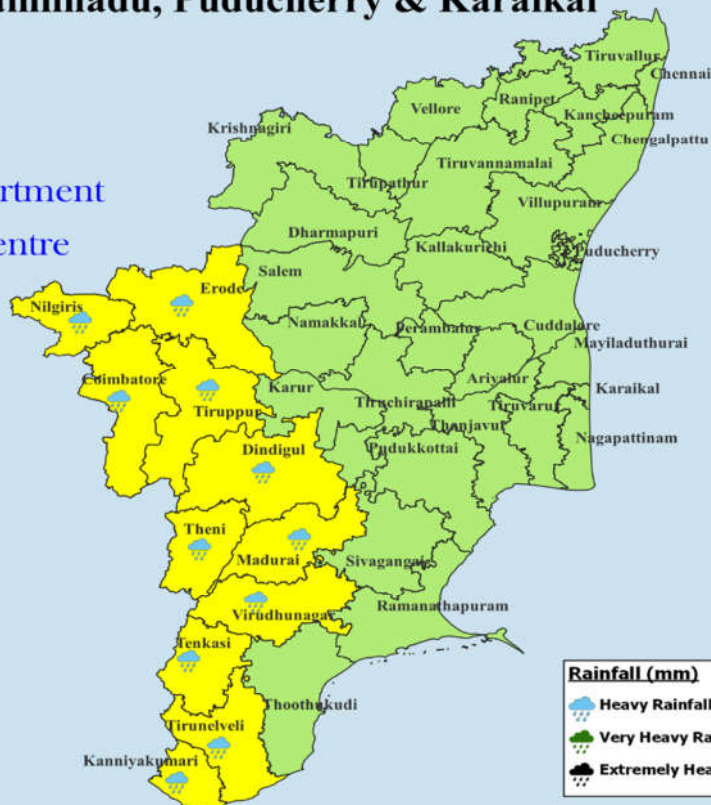


Heavy Rainfall Warnings dated 29/10/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 5: 02.11.24



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