



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: Tuesday, November 19, 2024 (28 Karthika 1946)

Time of issue: 1315 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 a few places over Tamilnadu (at many places over South Tamilnadu and at one or two places over North Tamilnadu) and over Karaikal area. Dry weather prevailed over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Vedaranyam (dist Nagapattinam) 10, Kodiayakarai (dist Nagapattinam) 9, Velankanni (dist Nagapattinam) 8, Nalumukku (dist Tirunelveli), Oothu (dist Tirunelveli), Sembanarkoil PWD (dist Mayiladuthurai), Kakkachi (dist Tirunelveli) 7 each, Pattukottai (dist Thanjavur), Tirupoondi (dist Nagapattinam), Nannilam (dist Thiruvavarur) 6 each, Nagapattinam AWS (dist Nagapattinam), Manjolai (dist Tirunelveli), Mayiladuthurai (dist Mayiladuthurai), Echanviduthi (dist Thanjavur), Thiruthuraipoondi (dist Thiruvavarur), Peravurani (dist Thanjavur), Needamangalam (dist Thiruvavarur) 5 each, Karaikal (dist Karaikal), Madukkur (dist Thanjavur), Kodavasal (dist Thiruvavarur), Manamelkudi (dist Pudukkottai), Tarangambadi (dist Mayiladuthurai), Pandavaiyar Head (dist Thiruvavarur), Karaikal AWS (dist Karaikal), Ayyampettai (dist Thanjavur) 4 each, Kumbakonam (dist Thanjavur), Tiruvavarur (dist Thiruvavarur), Thalaigaiyay (dist Nagapattinam), Mimisal (dist Pudukkottai), Kurungulam (dist Thanjavur), Tiruvavarur AWS (dist Thiruvavarur), Theerthandathanam (dist Ramanathapuram), Muthupet (dist Thiruvavarur), Neivasal Thenpathi (dist Thanjavur), Mandapam (dist Ramanathapuram), Thirukuvalai (dist Nagapattinam), Pudukkottai (dist Pudukkottai), Pulipatti (dist Madurai), Manjalaru (dist Thanjavur), Mannargudi (dist Thiruvavarur) 3 each, Orthanad (dist Thanjavur), Nagapattinam (dist Nagapattinam), Alangudi (dist Pudukkottai), Arantangi (dist Pudukkottai), R.S.Mangalam (dist Ramanathapuram), Thiruvaidaimaruthur (dist Thanjavur), Malaiyur (dist Pudukkottai), Kulasekarapattinam (dist Thoothukudi), Tondi (dist Ramanathapuram), Vattanam (dist Ramanathapuram), Ayinkudi (dist Pudukkottai), Adiramapattinam (dist Thanjavur), Avudayarkoil (dist Pudukkottai), Sivagangai PWD TB (dist Sivagangai), Valangaiman (dist Thiruvavarur), Tiruvadanai (dist Ramanathapuram), Thanjavur PTO (dist Thanjavur), Pamban (dist Ramanathapuram) 2 each, Kilanilai (dist Pudukkottai), Vadipatti (dist Madurai), Tiruchendur (dist Thoothukudi), Andipatti (dist Madurai), Aduthurai AWS (dist Thanjavur), Arimalam (dist Pudukkottai), Thanjavur (dist Thanjavur), Nagudi (dist Pudukkottai), Kuruvadi (dist Ariyalur), Vallam (dist Thanjavur), Kayalpattinam (dist Thoothukudi), Thanjai Papanasam (dist Thanjavur), Sivaganga (dist Sivagangai), Tirumayam (dist Pudukkottai), Rameswaram (dist Ramanathapuram), Sethu Bhaskar Agri College AWS (dist Sivagangai), Valinokam (dist Ramanathapuram), Coonoor PTO (dist The Nilgiris), Gandarvakottai (dist Pudukkottai), Perungalur (dist Pudukkottai), Coonoor AWS (dist The Nilgiris), Adar Estate (dist The Nilgiris), Kayathar (dist Thoothukudi), Thenkasi (dist Tenkasi), Thangachimadam (dist Ramanathapuram), Viralimalai (dist Pudukkottai), Paramakudi (dist Ramanathapuram), Karambakudi (dist Pudukkottai), Cheranmahadevi (dist Tirunelveli), Vettikadu (dist Thanjavur), Thiruchendur AWS (dist

Thoothukudi), Sholavandan (dist Madurai), Tiruvaiyaru (dist Thanjavur), Nanguneri (dist Tirunelveli), Ramanathapuram (dist Ramanathapuram), Devakottai (dist Sivagangai) 1 each.

DESCRIPTION OF TEMPERATURE: (in the plains)

Kanyakumari recorded the highest maximum temperature of **33.2°C**.

Erode recorded the lowest minimum temperature of **16.5°C**.

SYNOPTIC METEOROLOGICAL FEATURE:

A **cyclonic circulation** lies over south Tamil Nadu & adjoining Comorin area at 1.5 km above mean sea level.

An **Upper air cyclonic circulation** is likely to form over South Andaman Sea and adjoining areas around 21st November 2024. Under its influence a **Low pressure area** is likely to form over southeast Bay of Bengal around 23rd November 2024. Thereafter, it is likely to move west-northwestwards and concentrate into a **Depression** over Southwest Bay of Bengal during subsequent 2 days.

Yesterday's **cyclonic circulation** over Comorin area & neighbourhood at 0.9 km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (19.11.2024)	Light to moderate rain at a few places over South Tamilnadu, at one or two places over North Tamilnadu & over Puducherry and Karaikal area with thunderstorm and lightning at one or two places is likely to occur. Heavy rain is likely to occur at isolated places over Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Sivaganga, Ramanathapuram, Thoothukudi, Tirunelveli & Kanyakumari districts of Tamilnadu and Karaikal area.
Day 2 (20.11.2024)	Light to moderate rain with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 3 (21.11.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (22.11.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (23.11.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 6 (24.11.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (25.11.2024)	Light to moderate rain is likely to occur at many places over Coastal Tamilnadu, at one or two places over Interior Tamilnadu & over Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai & Ramanathapuram districts of Tamilnadu and Karaikal area.

HEAVY RAINFALL WARNING

Day 1 (19.11.2024)	Heavy rain is likely to occur at isolated places over Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Sivaganga, Ramanathapuram, Thoothukudi, Tirunelveli & Kanyakumari districts of Tamilnadu and Karaikal area.
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Day 7 (25.11.2024)	Heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai & Ramanathapuram districts of Tamilnadu and Karaikal area.
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THUNDERSTORM WARNING	
Day 1 (19.11.2024) & Day 2 (20.11.2024)	Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD		
	Day 1 (19.11.2024)	Day 2 (20.11.2024)
Maximum Temperature	Around 31°C	Around 32°C
Minimum Temperature	25- 26°C.	25-26°C.
Sky Condition	Partly cloudy	Partly cloudy
Weather	Thunderstorm & lightning with Light/Moderate rain is likely to occur in some areas. Mist is likely to occur during early morning hours.	Mist is likely to occur during early morning hours.
24 Hour Rainfall	Light/Moderate rain is likely to occur in some areas.	---

P. SENTHAMARAI KANNAN
SCIENTIST 'F'
For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:19-11-2024 (28 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	1-1-2024	cm	
Adiramapattinam	30.9	0.5	23.3	0.1	98	11	18.7	461.9	63.3	102	124	r*
Chennai	31.0	0.6	25.7	2.2	89	5	0.0	566.1	-3.7	135	140	
Chennai_AP	31.3	0.8	23.9	0.7	80	-3	0.0	469.6	-79.6	130	138	m*
Coimbatore_AP	30.0	-0.2	22.8	1.4	83	1	0.0	409.1	167.9	76	59	m*
Coonoor	20.0	-0.2	14.5	1.8	98	16	11.2	656.9	25.1	179	159	r*
Cuddalore	29.2	-0.8	22.6	-0.6	95	6	0.0	547.2	28.0	118	134	
Dharmapuri	28.2	-0.7	21.0	0.6	86	3	0.0	323.0	72.3	86	91	
Erode	32.2	0.5	16.5	-4.7	87	13	0.0	364.6	--	77	--	
Kanyakumari	33.2	2.5	23.8	-0.3	80	2	0.5	244.1	-29.0	83	75	d*
KarurParamathi	31.0	0.9	20.0	-1.4	87	1	0.0	371.4	139.4	86	59	
Karaikal	28.3	-1.4	24.2	0.1	98	11	40.4	628.4	46.9	113	150	r*
Kodaikanal	17.6	0.3	11.4	1.3	100	17	1.3	400.7	-27.3	140	158	r*
Madurai_City	29.4	-1.3	20.2	-2.5	84	5	0.2	407.8	--	84	--	r*
Madurai_AP	31.5	0.5	24.1	1.0	81	2	tr	245.3	-36.4	58	85	d*
Nagapattinam	29.8	-0.2	24.8	0.5	98	9	23.4	460.6	-97.8	99	143	r*
Namakkal	32.6	--	NA	--	NA	--	NA	--	--	--	--	
Palayamkottai	29.6	-1.6	24.6	0.7	85	1	4.0	105.8	-218.7	47	73	r*
Pamban	31.0	0.7	24.2	-0.7	94	10	15.8	459.8	63.0	83	91	r*
Parangipettai	29.0	--	24.2	--	89	--	0.0	491.1	-50.3	95	139	
Puducherry	30.2	-0.3	23.6	0.7	87	-1	0.0	464.4	-32.5	125	134	
Salem	31.0	0.0	21.2	-0.2	76	-4	0.0	442.2	189.3	121	102	m*
Thanjavur	29.0	--	24.0	--	91	--	16.0	255.2	-90.0	56	95	r*
Thirupattur	28.4	-0.8	24.6	4.7	71	-13	0.0	298.0	100.8	97	95	
Tiruchirappalli_AP	29.7	-1.0	24.2	1.1	84	1	6.6	418.0	166.9	92	87	r*
Tiruthani	30.4	0.3	21.2	-0.8	72	-12	0.0	218.4	-87.8	101	101	
Tondi	32.0	1.3	23.9	0.1	86	1	19.6	383.3	47.1	97	88	r*
Thoothukudi	32.0	1.5	24.1	0.6	88	2	7.2	188.7	-143.7	47	63	r*
Udagamandalam	21.2	2.1	11.2	1.6	90	1	0.0	238.0	-47.1	116	116	
Valparai	26.0	-0.4	17.0	2.1	90	4	0.0	679.0	327.3	419	290	
Vellore	29.6	-0.3	22.0	1.3	90	2	0.0	257.6	1.9	99	103	z*

*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

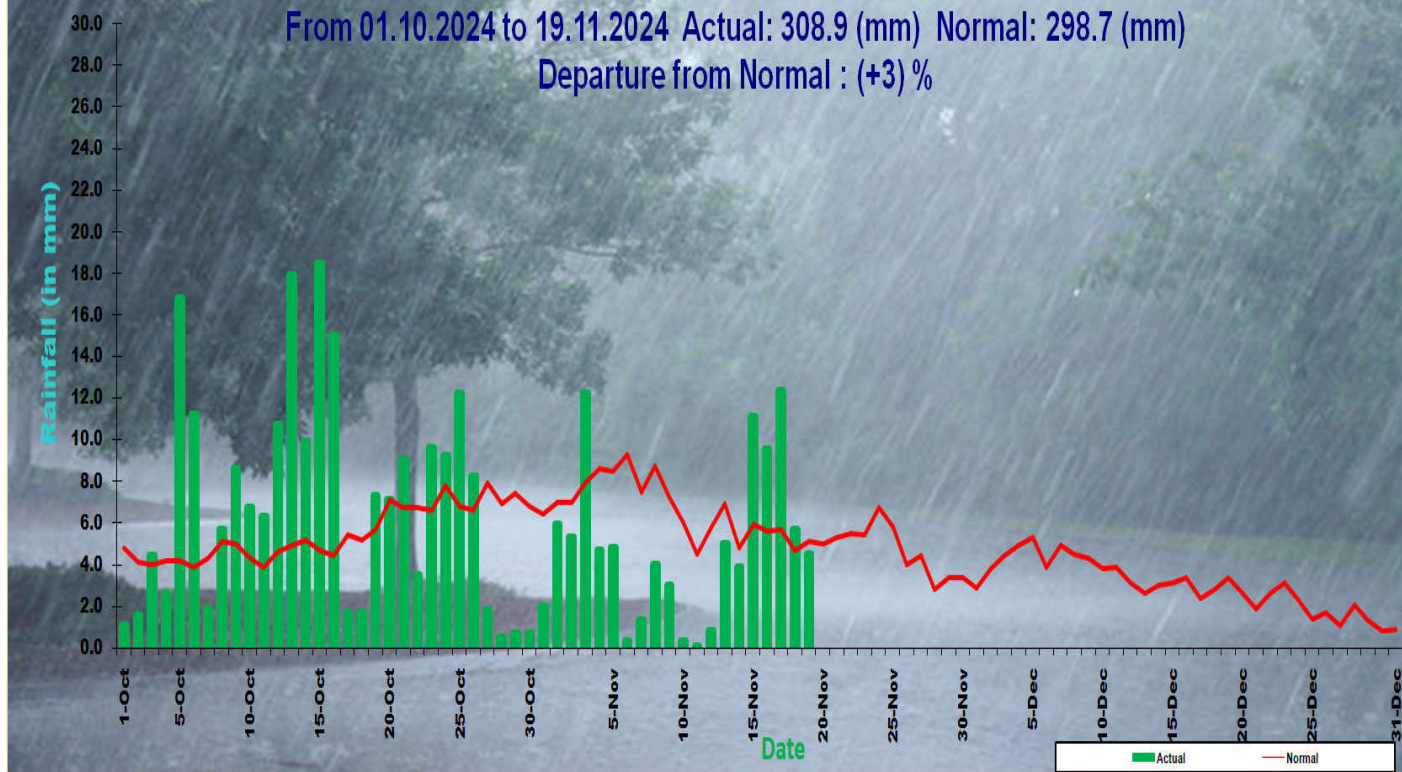
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

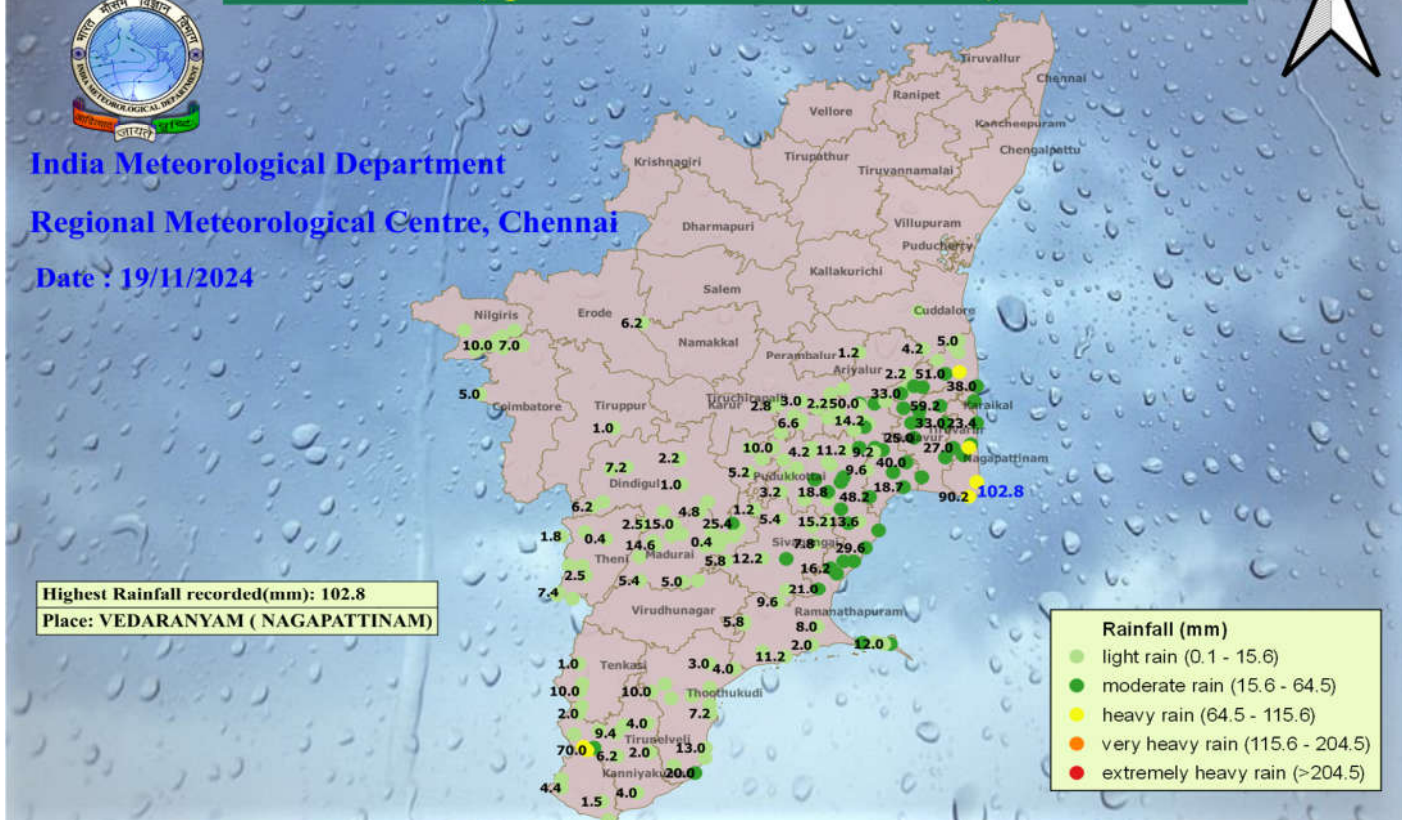
Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NORTHEAST MONSOON RAINFALL 2024		19.11.2024			From 01.10.2024 to 19.11.2024		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	4.4	5.1	-13	308.2	297.9	3
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	1.3	4.7	-73	265.1	293.9	-10
687	CHENGALPATTU	0.0	5.8	-100	332.2	445.7	-25
461	CHENNAI	0.0	9.4	-100	550.7	544.1	1
462	COIMBATORE	0.5	3.9	-87	432.5	263.2	64
463	CUDDALORE	0.2	6.5	-96	346.8	417.0	-17
464	DHARMAPURI	0.0	3.2	-100	259.3	247.2	5
465	DINDIGUL	3.0	6.9	-57	414.1	324.7	28
466	ERODE	0.4	3.9	-91	263.7	239.7	10
688	KALLAKURICHI	0.0	4.4	-100	227.4	284.7	-20
467	KANCHEEPURAM	0.0	6.3	-100	238.1	376.7	-37
468	KANYAKUMARI	0.3	5.5	-95	471.9	411.8	15
636	KARAIKAL	40.4	9.5	325	628.0	581.5	8
469	KARUR	0.0	4.9	-100	242.8	220.7	10
470	KRISHNAGIRI	0.0	2.4	-100	300.9	226.6	33
471	MADURAI	4.5	4.0	13	384.6	279.5	38
695	MAYILADUTHURAI	28.3	11.3	150	453.0	502.7	-10
472	NAGAPATTINAM	58.7	8.5	590	481.9	517.5	-7
473	NAMAKKAL	0.0	1.8	-100	251.5	208.6	21
474	NILGIRIS	1.3	6.1	-79	380.1	379.2	0
475	PERAMBALUR	0.0	5.1	-100	233.5	288.1	-19
476	PUDUCHERRY	0.0	3.9	-100	425.5	496.9	-14
477	PUDUKKOTTAI	13.6	4.6	195	325.8	235.5	38
478	RAMANATHAPURAM	12.4	7.9	57	306.9	328.1	-6
689	RANIPET	0.0	3.9	-100	229.0	265.9	-14
479	SALEM	0.0	2.7	-100	289.0	250.9	15
480	SIVAGANGA	6.5	4.8	36	392.3	290.8	35
690	TENKASI	1.8	5.9	-69	192.8	328.6	-41
481	THANJAVUR	22.8	6.7	241	372.1	330.9	12
482	THENI	1.7	5.8	-70	278.1	276.8	0
483	TIRUNELVELI	17.4	7.1	145	318.6	321.5	-1
691	TIRUPATTUR	0.0	3.1	-100	303.9	198.1	53
535	TIRUPPUR	0.1	3.9	-99	334.1	234.1	43
484	TIRUVALLUR	0.0	5.8	-100	381.1	414.6	-8
485	TIRUVANNAMALAI	0.0	4.3	-100	266.3	300.5	-11
486	TIRUVARUR	37.3	9.9	277	411.8	398.7	3
488	TOOTHUKUDI	4.5	6.9	-35	140.8	292.6	-52
487	TRICHY	2.2	3.9	-44	299.2	246.0	22
489	VELLORE	0.0	4.2	-100	267.6	256.7	4
490	VILLUPURAM	0.0	5.1	-100	264.4	331.2	-20
491	VIRUDHUNAGAR	0.0	6.9	-100	208.7	289.4	-28
	SUBDIVISION RAINFALL	4.5	5.1	-12	308.9	298.7	3
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0630 hrs of date					

Departure from Normal : (+3) %



Date : 19/11/2024





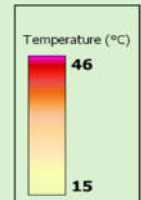
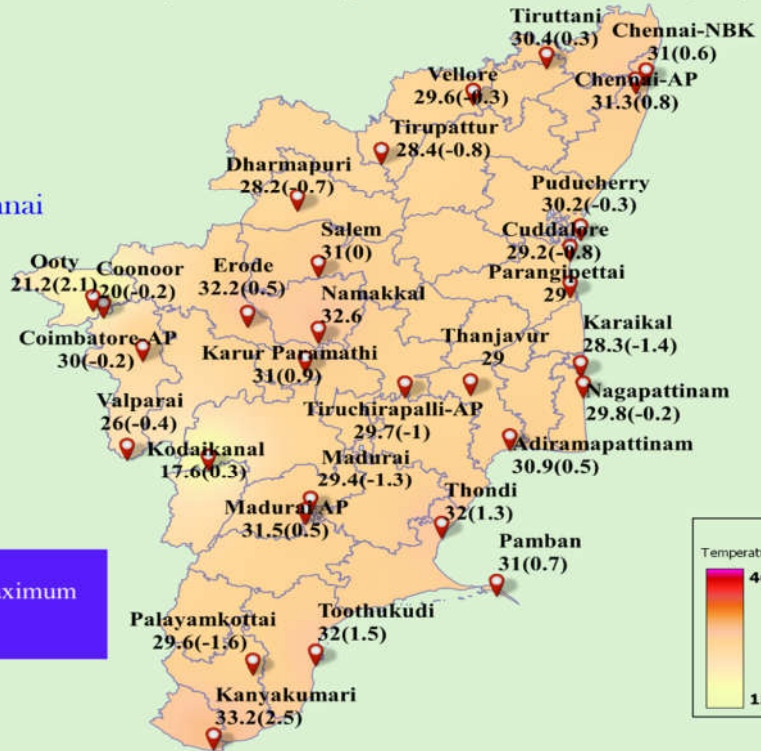
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 19/11/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 19/11/2024

The highest temperature recorded : 33.2°C
Place : Kanyakumari

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



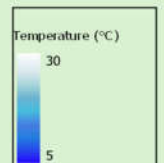
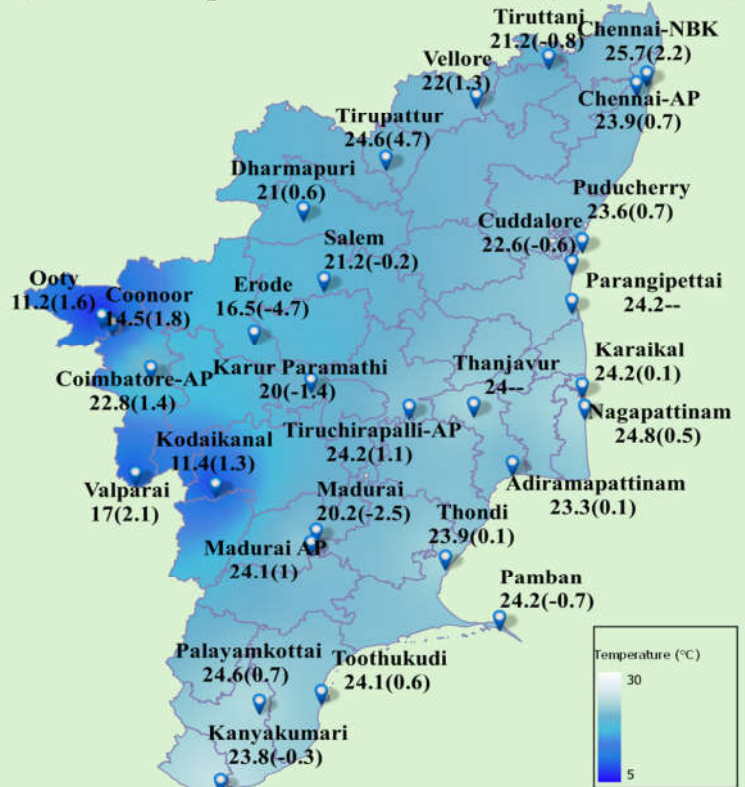
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 19/11/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 19/11/2024

The lowest temperature recorded in the plains : 16.5° C
Place : Erode
The lowest temperature recorded in the hilly region : 11.2° C
Place : Ooty

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



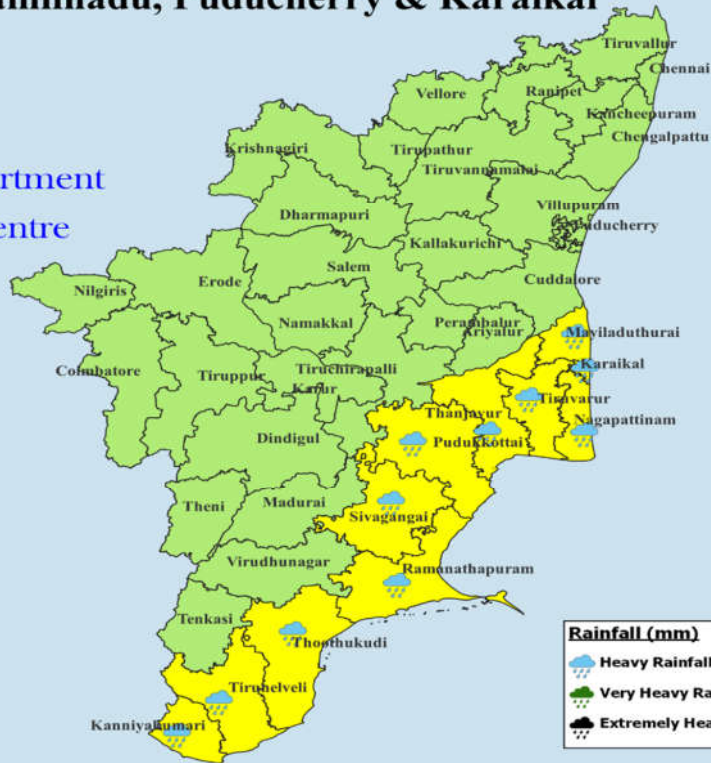


Heavy Rainfall Warnings dated 19/11/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1 : 19/11/2024

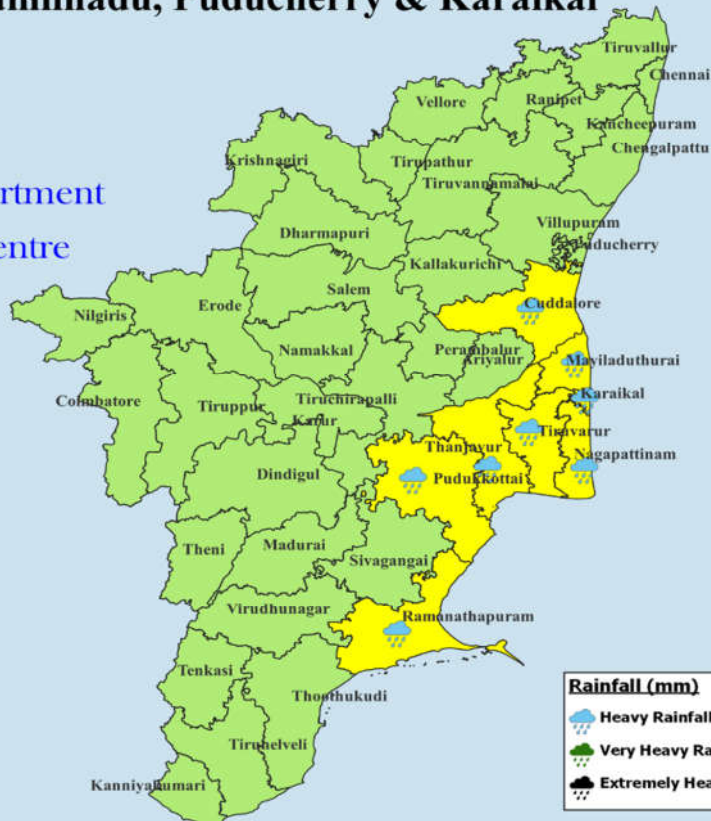


Heavy Rainfall Warnings dated 19/11/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 7 : 25/11/2024



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
PDC	Puducherry and Karaikal

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