



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,
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Phone: 044- 28271951

DATE: Tuesday, October 1, 2024 (9 Asvina 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 isolated places over Tamilnadu (at a few places over South Tamilnadu and at isolated places over North Tamilnadu) and Karaikal area. Very Light rain occurred over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:

Devakottai (dist Sivagangai) 5, Sethu Bhaskar Agri College AWS (dist Sivagangai), Alakarai Estate (dist The Nilgiris) 4 each, Vadakuthu (dist Cuddalore), Kurinjipadi (dist Cuddalore) 3 each, Kalavai PWD (dist Ranipet), RSCL-2 Nemoor (dist Villupuram), Vembakkam (dist Tiruvannamalai), Kothavacherry (dist Cuddalore), Eraniel (dist Kanniyakumari), Sembanarkoil PWD (dist Mayiladuthurai), Sendurai (dist Ariyalur), Kurungulam (dist Thanjavur), Vallam (dist Thanjavur), Ramnadu KVK AWS (dist Ramanathapuram) 2 each, Mayiladuthurai AWS (dist Mayiladuthurai), Neyveli AWS (dist Cuddalore), Kurunthancode (dist Kanniyakumari), Pudukottai (dist Pudukkottai), Aralvaimozhi (dist Kanniyakumari), Karaikudi (dist Sivagangai), Coonoor PTO (dist The Nilgiris), Vattanam (dist Ramanathapuram), Bhoothapandy (dist Kanniyakumari), Mayiladuthurai (dist Mayiladuthurai), Tiruvadana (dist Ramanathapuram), Pelandurai (dist Cuddalore), Radhapuram (dist Tirunelveli), Tiruvarur AWS (dist Thiruvarur), Paramakudi (dist Ramanathapuram), Neyyoor AWS (dist Kanniyakumari), Kannimar (dist Kanniyakumari), Coonoor (dist The Nilgiris), Pandavaiyar Head (dist Thiruvarur) 1 each.

DESCRIPTION OF TEMPERATURE: (in the plains)

Erode recorded the highest maximum temperature of **36.2 °C**.

Erode recorded the lowest minimum temperature of **19.4 °C**.

Synoptic Meteorological Features:

A cyclonic circulation lies over Comorin area & adjoining Equatorial Indian Ocean and extends upto 1.5 km above mean sea level. Yesterday's trough from Comorin area to Eastcentral Arabian sea off South Karnataka coast now runs from the above cyclonic circulation over Comorin area to north Interior Karnataka across Interior Tamil Nadu at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (01.10.2024)	Light to moderate rain with Thunderstorm and lightning is likely to one or two places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore, Nilgiris, Tiruppur, and Erode districts of Tamilnadu.
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Day 2 (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. Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore, Nilgiris, Erode, Krishnagiri, Dharmapuri, Salem and Tirupattur districts of Tamilnadu.
Day 3 (03.10.2024)	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 Ramanathapuram, Sivagangai, Pudukottai, Thanjavur, Thiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Theni, Dindigul, Kallakurichi, Krishnagiri, Dharmapuri, Tirupattur, Vellore, Ranipet, Tiruvannamalai, Tiruchirapalli districts of Tamilnadu and Puducherry & Karaikal area.
Day 4 (04.10.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at many places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Pudukottai, Thanjavur, Thiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Villupuram, Chengalpattu, Kancheepuram, Ranipet, Ariyalur, Perambalur, Kallakurichi, Vellore, Tiruvannamalai, Tirupattur districts of Tamilnadu and Puducherry & Karaikal area.
Day 5 (05.10.2024)	Light to moderate rain with Thunderstorm and lightning is likely to occur at many places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Pudukottai, Thanjavur, Thiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Villupuram, Chengalpattu, Kancheepuram, Ranipet, Vellore, Tiruvannamalai, Kallakurichi, Ariyalur, Perambalur, Tiruchirapalli districts of Tamilnadu and Puducherry & Karaikal area.
Outlook for subsequent two days	
Day 6 (06.10.2024)	Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (07.10.2024)	Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry and Karaikal area.
HEAVY RAINFALL WARNING	
Day 1 (01.10.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district, Nilgiris, Tiruppur and Erode districts of Tamilnadu.
Day 2 (02.10.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore district, Nilgiris, Erode, Krishnagiri, Dharmapuri, Salem and Tirupattur districts of Tamilnadu.
Day 3 (03.10.2024)	Heavy rain is likely to occur at isolated places over Ramanathapuram, Sivagangai, Pudukottai, Thanjavur, Thiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Theni, Dindigul, Kallakurichi, Krishnagiri, Dharmapuri, Tirupattur, Vellore, Ranipet, Tiruvannamalai, Tiruchirapalli districts of Tamilnadu and Puducherry & Karaikal area.
Day 4 (04.10.2024)	Heavy rain is likely to occur at isolated places over Pudukottai, Thanjavur, Thiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Villupuram, Chengalpattu, Kancheepuram, Ranipet, Ariyalur, Perambalur, Kallakurichi, Vellore, Tiruvannamalai, Tirupattur districts of Tamilnadu and Puducherry & Karaikal area.
Day 5 (05.10.2024)	Heavy rain is likely to occur at isolated places over Pudukottai, Thanjavur, Thiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Villupuram, Chengalpattu, Kancheepuram, Ranipet, Vellore, Tiruvannamalai, Kallakurichi, Ariyalur, Perambalur, Tiruchirapalli districts of Tamilnadu and Puducherry & Karaikal area.
THUNDERSTORM WARNING	
Day 1 (01.10.2024) to Day 5 (05.10.2024)	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

For next 24 hours	Sky condition is likely to be partly cloudy. Thunderstorm & lightning with 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 around 27°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Thunderstorm & lightning with Light rain is likely to occur in some areas. Maximum temperature is likely to be 35°C and Minimum temperature is likely to be around 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:01-10-2024 (9 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	1-10-2024	mm	
Adiramapattinam	31.8	-1.2	24.7	-0.2	72	-7	0.7	0.7	-9.3	56	124	r*
Chennai	34.0	0.5	27.4	1.9	83	3	0.0	0.0	-7.5	78	140	
Chennai_AP	33.8	0.2	26.2	1.2	78	-1	0.0	0.0	-6.8	83	138	
Coimbatore_AP	34.0	1.3	24.4	1.9	74	-6	0.0	0.0	-4.3	35	59	z*
Coonoor	21.8	-0.1	15.0	0.6	91	11	10.9	10.9	0.6	115	159	r*
Cuddalore	32.2	-1.0	24.8	-0.2	91	10	0.0	0.0	-5.5	63	134	
Dharmapuri	34.0	2.2	23.3	1.0	85	5	0.0	0.0	-8.4	53	91	
Erode	36.2	2.0	19.4	-3.0	76	5	0.0	0.0	--	40	--	
Kanyakumari	32.0	1.1	26.1	1.5	76	-2	0.4	0.4	-1.0	59	75	
KarurParamathi	34.5	1.7	22.0	-1.4	73	-7	tr	0.0	-4.3	49	59	d*
Karaikal	31.4	-1.7	26.1	0.8	72	-8	6.5	6.5	4.1	51	150	r*
Kodaikanal	17.9	-0.6	10.8	-0.7	76	-7	0.0	0.0	-5.0	100	158	
Madurai_City	33.0	-1.7	23.0	-0.9	76	4	0.5	0.5	--	43	--	m*
Madurai_AP	33.7	-0.9	25.1	0.6	85	13	3.1	3.1	0.2	34	85	r*
Nagapattinam	32.2	-1.2	25.7	0.3	78	-3	4.1	4.1	1.9	53	143	r*
Namakkal	NA	--	NA	--	NA	--	NA	--	--	--	--	
Palayamkottai	31.5	-3.8	25.8	1.1	83	13	tr	0.0	-1.4	37	73	d*
Pamban	34.3	1.5	25.8	-0.6	80	2	0.0	0.0	-3.0	37	91	
Parangipettai	34.0	--	27.5	--	81	--	0.0	0.0	-2.9	46	139	
Puducherry	32.0	-1.3	25.5	0.6	87	3	0.0	0.0	-7.6	79	134	
Salem	33.6	0.6	24.0	1.1	67	-14	0.0	0.0	-5.3	77	102	
Thanjavur	33.0	--	29.0	--	78	--	0.2	0.2	-2.6	31	95	
Thirupattur	34.6	2.8	24.8	2.4	71	-12	0.0	0.0	-6.1	68	95	
Tiruchirappalli_AP	33.1	-1.2	25.6	0.9	77	1	tr	0.0	-3.7	50	87	d*
Tiruthani	34.5	1.9	24.0	0.0	70	-10	0.0	0.0	-5.1	79	101	
Tondi	32.9	0.1	26.4	1.2	69	-8	4.2	4.2	-2.0	59	88	r*
Thoothukudi	33.2	-0.3	26.7	1.4	82	5	0.0	0.0	-0.9	28	63	
Udagamandalam	22.0	3.0	12.4	1.7	86	-4	0.0	0.0	-4.7	92	116	
Valparai	27.0	1.7	16.5	-0.1	95	7	0.4	0.4	-9.6	352	290	
Vellore	33.1	-0.2	24.4	0.9	83	0	0.0	0.0	-5.3	74	103	

*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

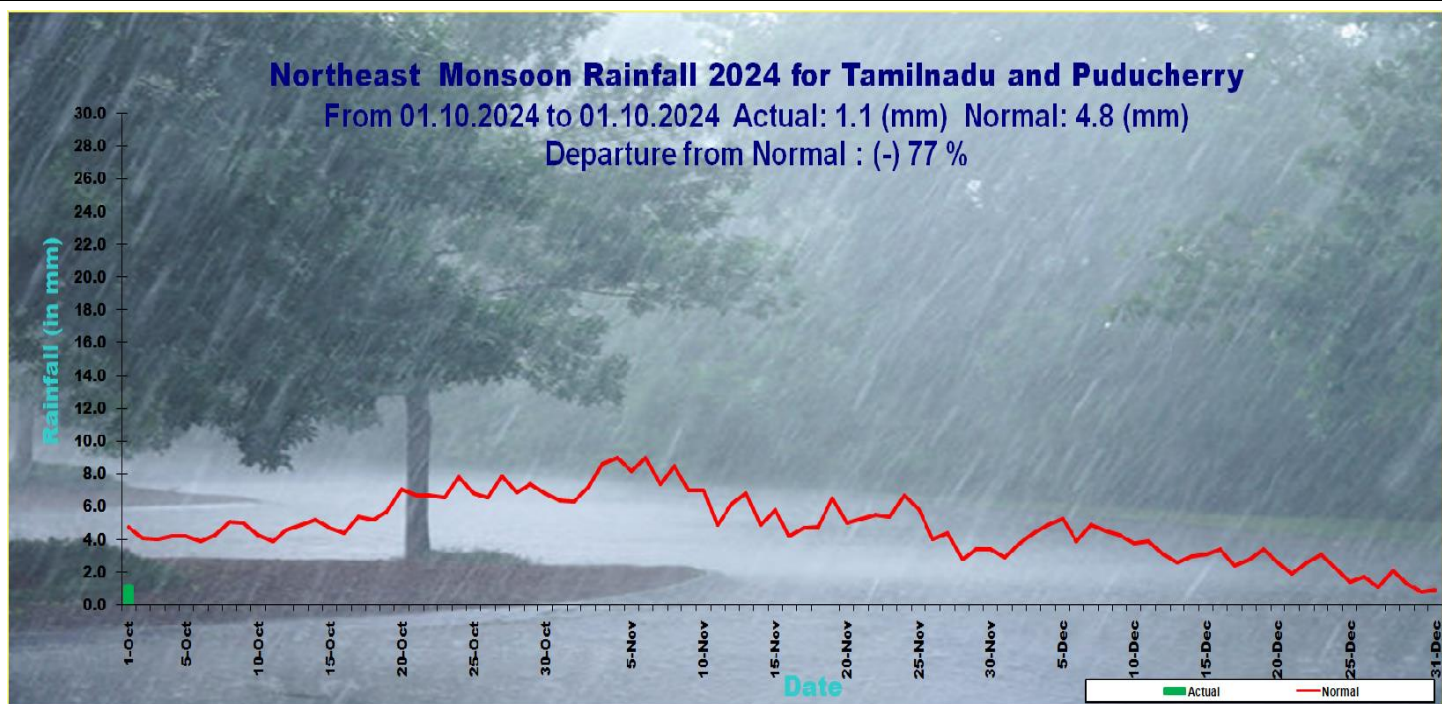
Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NORTHEAST MONSOON RAINFALL 2024		01.10.2024			From 01.10.2024 to 01.10.2024		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	1.1	4.8	-77	1.1	4.8	-77
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	3.2	4.2	-25	3.2	4.2	-25
687	CHENGALPATTU	0.0	6.6	-100	0.0	6.6	-100
461	CHENNAI	0.0	9.3	-100	0.0	9.3	-100
462	COIMBATORE	0.0	4.8	-99	0.0	4.8	-99
463	CUDDALORE	4.1	4.2	-2	4.1	4.2	-2
464	DHARMAPURI	0.0	8.0	-100	0.0	8.0	-100
465	DINDIGUL	0.0	4.0	-100	0.0	4.0	-100
466	ERODE	0.0	4.0	-100	0.0	4.0	-100
688	KALLAKURICHI	0.1	4.9	-97	0.1	4.9	-97
467	KANCHEEPURAM	0.0	11.0	-100	0.0	11.0	-100
468	KANYAKUMARI	3.3	4.5	-27	3.3	4.5	-27
636	KARAIKAL	6.5	2.4	171	6.5	2.4	171
469	KARUR	0.0	3.3	-100	0.0	3.3	-100
470	KRISHNAGIRI	0.0	9.0	-100	0.0	9.0	-100
471	MADURAI	0.8	4.8	-83	0.8	4.8	-83
695	MAYILADUTHURAI	4.7	3.3	42	4.7	3.3	42
472	NAGAPATTINAM	0.6	2.8	-79	0.6	2.8	-79
473	NAMAKKAL	0.0	4.0	-100	0.0	4.0	-100
474	NILGIRIS	2.1	5.8	-64	2.1	5.8	-64
475	PERAMBALUR	0.0	2.8	-100	0.0	2.8	-100
476	PUDUCHERRY	0.0	7.6	-100	0.0	7.6	-100
477	PUDUKKOTTAI	0.9	3.5	-75	0.9	3.5	-75
478	RAMANATHAPURAM	3.5	3.4	2	3.5	3.4	2
689	RANIPET	2.0	7.9	-74	2.0	7.9	-74
479	SALEM	0.0	4.9	-100	0.0	4.9	-100
480	SIVAGANGA	7.8	3.8	105	7.8	3.8	105
690	TENKASI	0.8	2.3	-67	0.8	2.3	-67
481	THANJAVUR	2.2	3.4	-35	2.2	3.4	-35
482	THENI	0.1	5.3	-98	0.1	5.3	-98
483	TIRUNELVELI	1.2	1.0	23	1.2	1.0	23
691	TIRUPATTUR	0.0	7.8	-100	0.0	7.8	-100
535	TIRUPPUR	0.0	3.9	-100	0.0	3.9	-100
484	TIRUVALLUR	0.1	6.7	-99	0.1	6.7	-99
485	TIRUVANNAMALAI	1.8	7.6	-76	1.8	7.6	-76
486	TIRUVARUR	2.8	3.2	-11	2.8	3.2	-11
488	TOOTHUKUDI	0.0	0.7	-100	0.0	0.7	-100
487	TRICHY	0.0	3.8	-100	0.0	3.8	-100
489	VELLORE	0.0	6.5	-100	0.0	6.5	-100
490	VILLUPURAM	2.0	8.1	-75	2.0	8.1	-75
491	VIRUDHUNAGAR	0.5	2.7	-83	0.5	2.7	-83
	SUBDIVISION RAINFALL	1.1	4.8	-77	1.1	4.8	-77
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

Northeast Monsoon Rainfall 2024 for Tamilnadu and Puducherry

From 01.10.2024 to 01.10.2024 Actual: 1.1 (mm) Normal: 4.8 (mm)

Departure from Normal : (-) 77 %



Realised rainfall (mm) during the past 24 hours (upto 08:30 IST of 01/10/2024)

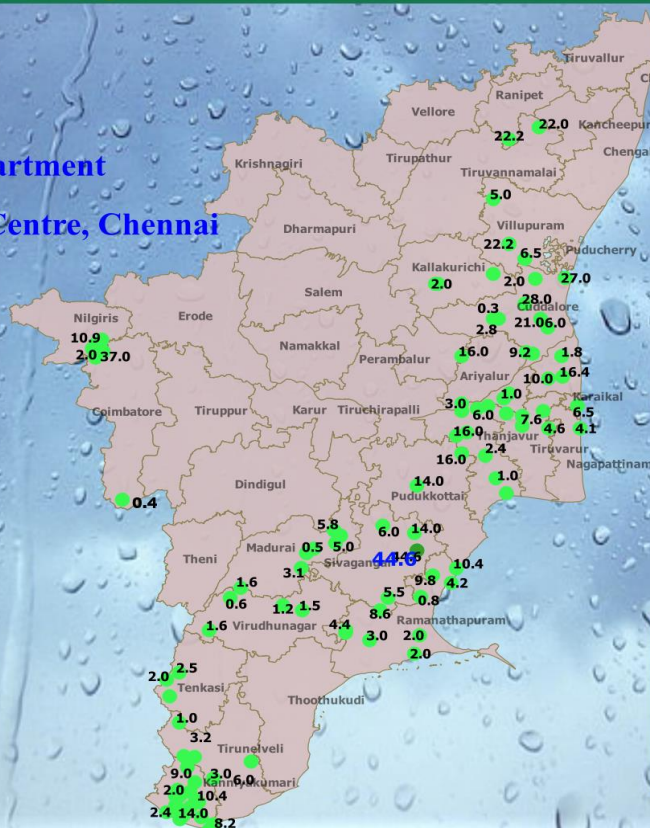


India Meteorological Department

Regional Meteorological Centre, Chennai

Date : 01/10/2024

Highest Rainfall recorded(mm): 44.6
Place: DEVAKOTTAI (SIVAGANGA)



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)



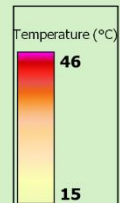
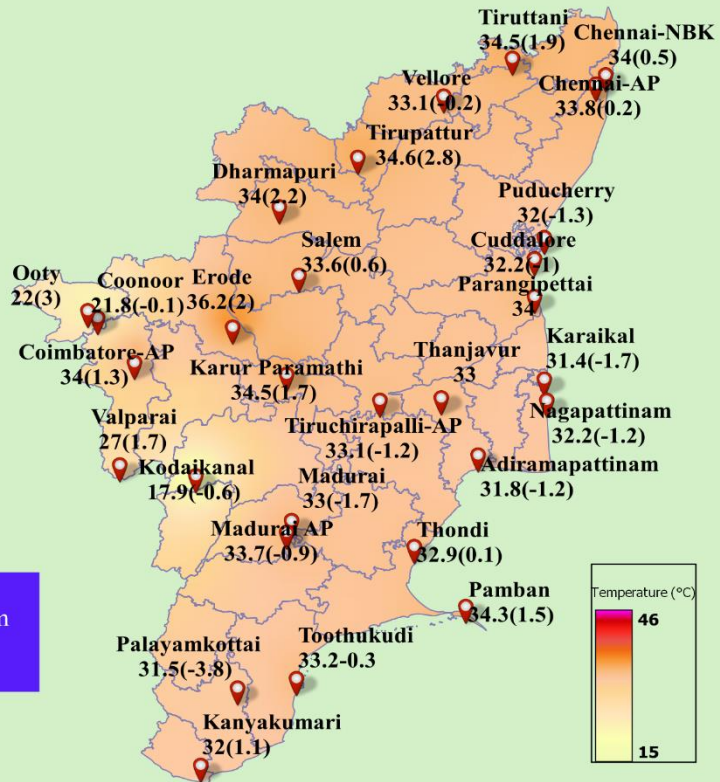
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 01/10/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 01/10/2024

The highest temperature recorded : 36.2°C
Place : Erode

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



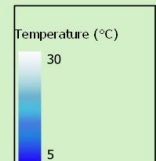
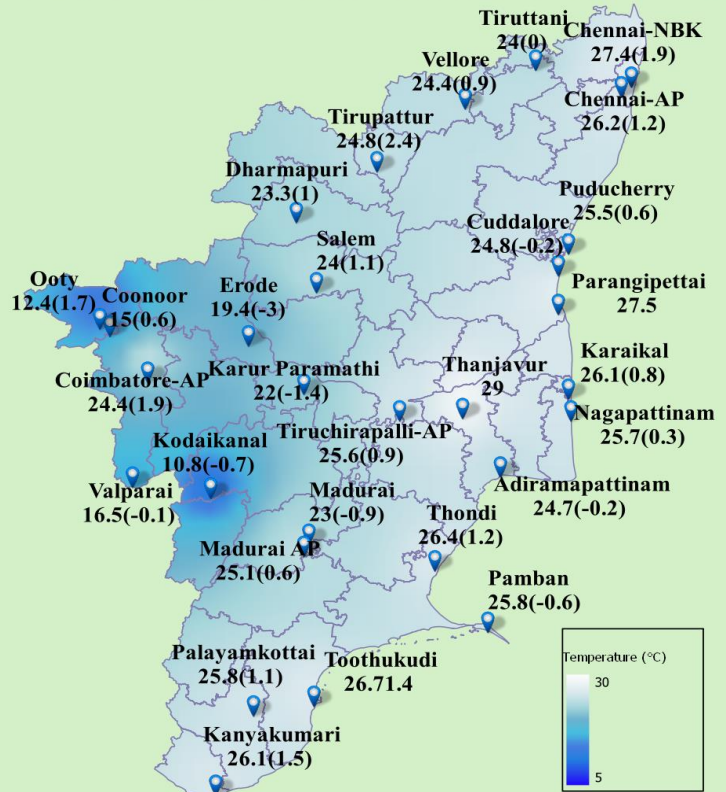
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 01/10/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 01/10/2024

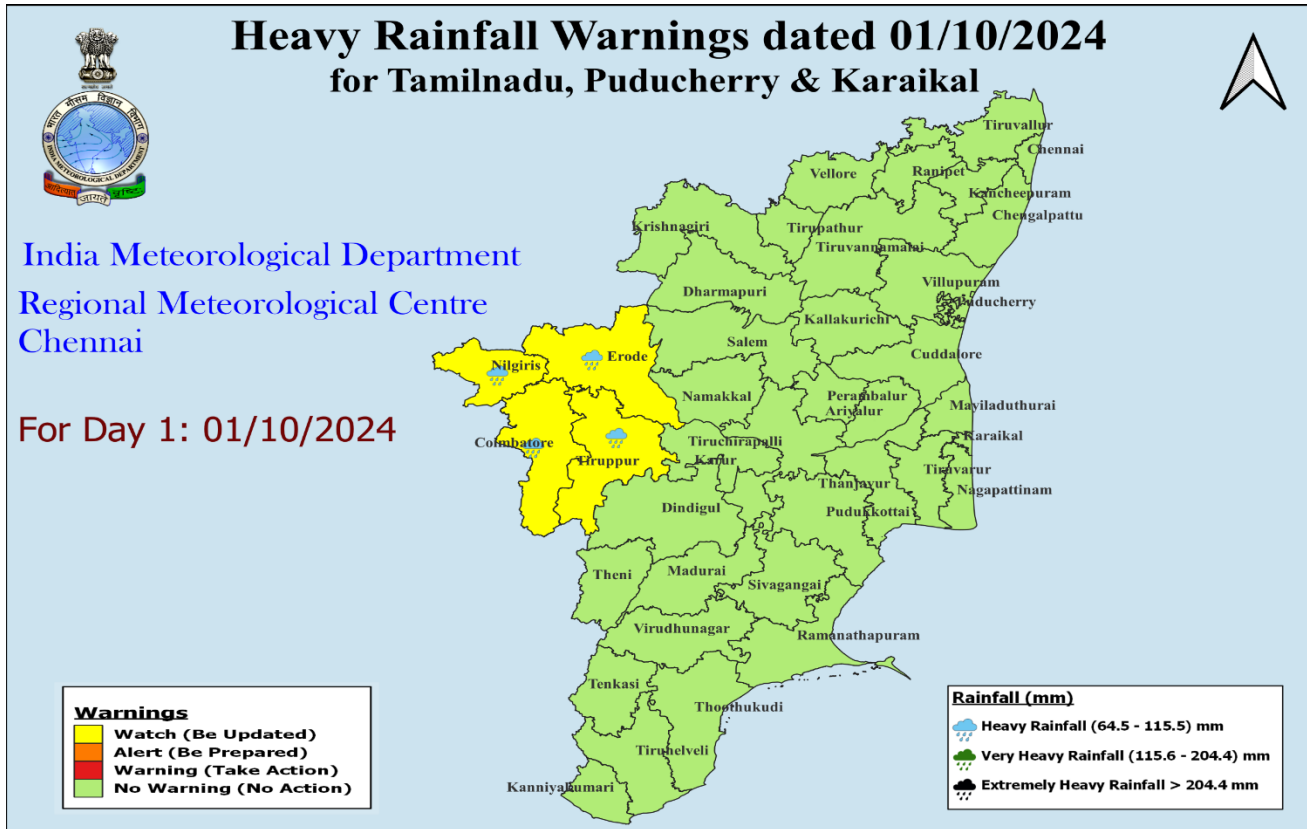
The lowest temperature recorded in the plains : 19.4° C
Place : Erode
The lowest temperature recorded in the hilly region : 10.8° C
Place : Kodaikanal

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

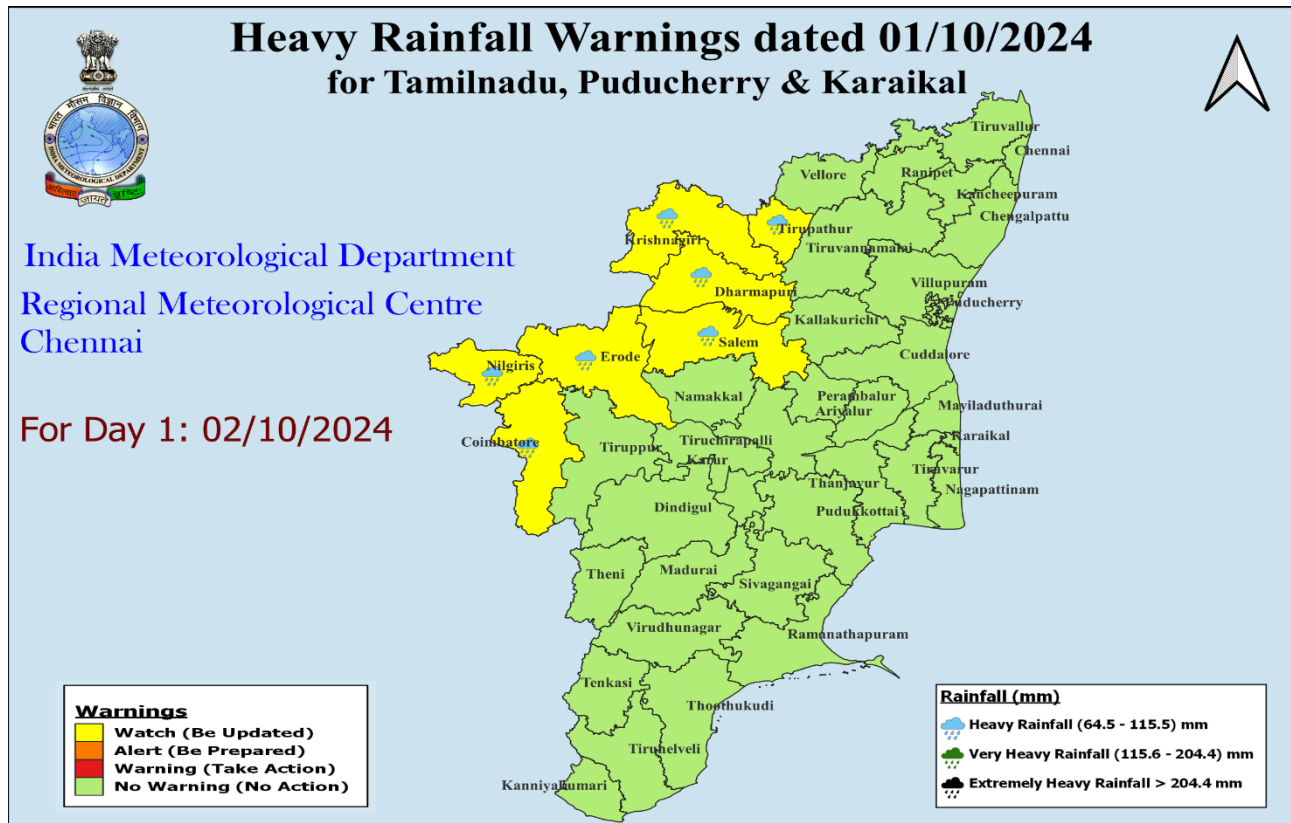


HEAVY RAINFALL WARNINGS

DAY 1 (01.10.2024)



DAY 2 (02.10.2024)



DAY 3 (03.10.2024)

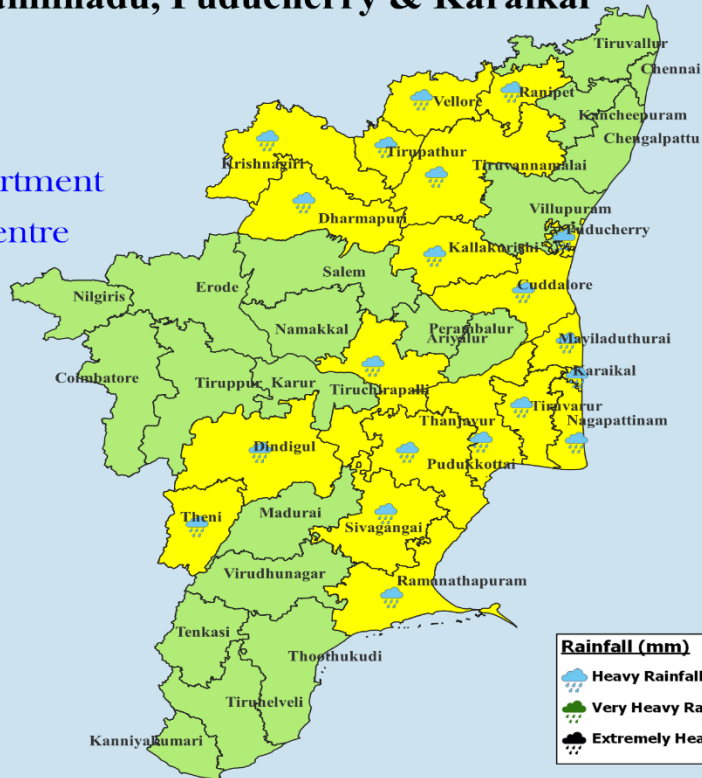


Heavy Rainfall Warnings dated 01/10/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 3: 03/10/2024



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 4 (04.10.2024)

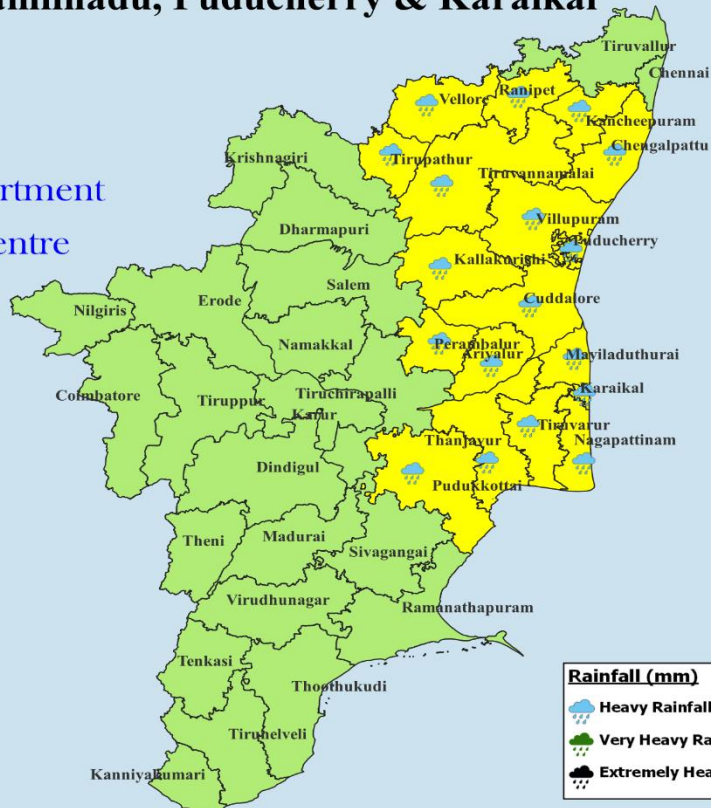


Heavy Rainfall Warnings dated 01/10/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 4: 04/10/2024



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

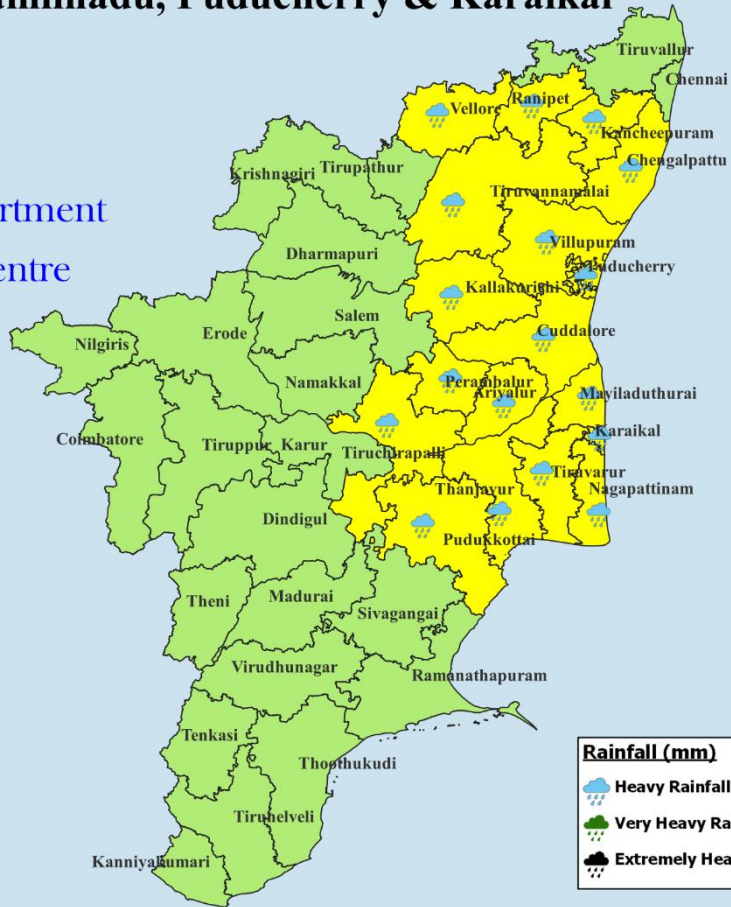
DAY 5 (05.10.2024)

Heavy Rainfall Warnings dated 01/10/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 5: 05/10/2024



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

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