

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
6, College Road
Chennai-600006
Phone: 044- 28271951

DATE: Friday, October 7, 2022 (15 Asvina 1944)

Time of issue: 1230 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; and over Puducherry & Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Puzhal ARG (dist Tiruvallur) 7, Marakkanam (dist Villupuram), Sriperumbudur (dist Kancheepuram), Gummidipoondi (dist Tiruvallur), Gingee (dist Villupuram), Semmedu (dist Villupuram) 5 each, Collectorate office (dist Chennai), Vallam (dist Villupuram), Cheyyur (dist Chengalpattu), Tondaiarpatt (dist Chennai) 4 each, Chengalpattu (dist Chengalpattu), Thammampatt (dist Salem), Maduranthagam (dist Chengalpattu), Ponneri (dist Tiruvallur), Uthukottai (dist Tiruvallur), Uthiramerur (dist Kancheepuram), Thirukalukundram (dist Chengalpattu), Perambur (dist Chennai), Avadi (dist Tiruvallur), Tiruttani ISRO AWS (dist Tiruvallur) 3 each, Keelpennathur (dist Tiruvannamalai), Red Hills (dist Tiruvallur), Thiruvallur (dist Tiruvallur), Chembarabakkam (dist Tiruvallur), Poondi (dist Tiruvallur), Chennai Nungambakkam (dist Chennai), Cholavaram (dist Tiruvallur), Chengam (dist Tiruvannamalai), Tiruttani (dist Tiruvallur), Thirupporur (dist Chengalpattu), Villivakkam ARG (dist Tiruvallur) 2 each, Tindivanam (dist Villupuram), Mahabalipuram (dist Chengalpattu), Ambathur (dist Tiruvallur), Gudalur Bazar (dist Nilgiris), Tiruvallur (dist Tiruvallur), DGP Office (dist Chennai), Sholingur (dist Ranipet), Kalavai PWD (dist Ranipet), Ayanavaram (dist Chennai), Wood Braiyar Estate (dist Nilgiris), MRC Nagar ARG (dist Chennai) 1 each.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(07.10.2022)	Light to Moderate rain is likely to occur at a few places with isolated thunderstorm and lightning over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Tiruvallur, Kancheepuram, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi, Villupuram and Cuddalore districts of Tamilnadu and Puducherry.
Day 2(08.10.2022)	Light to Moderate rain is likely to occur at many places with isolated thunderstorm and lightning over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Tiruvallur, Kancheepuram, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukkottai, Tiruchirapalli, Sivagangai, Perambalur, Ariyalur, Salem, Namakkal, Erode, Nilgiris and Coimbatore districts of Tamilnadu, Puducherry & Karaikal.
Day 3(09.10.2022)	Light to Moderate rain is likely to occur at many places with isolated thunderstorm and lightning over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukkottai, Sivagangai,

	Tiruchirapalli, Perambalur, Ariyalur, Namakkal, Salem, Krishnagiri, Dharmapuri, Erode, Nilgiris and Coimbatore districts of Tamilnadu, Puducherry & Karaikal.
Day 4(10.10.2022)	Light to Moderate rain is likely to occur at many places with isolated thunderstorm and lightning over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi, Villupuram, Namakkal, Salem, Tiruchirapalli, Krishnagiri, Dharmapuri, Erode and Nilgiris districts of Tamilnadu.
Day 5(11.10.2022)	Light to Moderate rain is likely to occur at a few places with isolated thunderstorm and lightning over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Tiruvallur, Kancheepuram, Ranipet, Vellore, Tirupattur and Tiruvannamalai districts of Tamilnadu.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be generally cloudy. Moderate rain with thunderstorm and lightning is likely to occur in some areas. Maximum and minimum temperature is likely to be around 31°C and 25°C respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Moderate rain with thunderstorm and lightning is likely to occur in some areas. Maximum and minimum temperature is likely to be around 31-32°C and 25°C respectively.

DESCRIPTION OF TEMPERATURE:

Thoothukudi recorded highest maximum temperature of 36.3 °C in the region.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	Over Chennai and Tiruvallur districts.
Appreciable fall (-2.1 ° C to -4.0° C)	Over Kanyakumari, Nilgiris districts.
Markedly fall (-4.1° C or less)	-----
No large change (-2.1° C to 2.0° C)	Over rest of the region.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	-----
Above normal (1.6° C to 3.0° C)	Over Madurai and Thoothukudi districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Cuddalore, Tirupattur, Vellore and Tiruttani districts and Puducherry
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 rest of the region.

Erode recorded lowest minimum temperature of 19.6 °C in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly fall (-4.1° C or less)	-----
Appreciable fall (-2.1° C to -4.0°)	Over Thoothukudi and Nilgiris districts.
Appreciable rise (2.1 ° C to 4.0°)	-----
Markedly rise (4.1° c or more)	-----
No large change (-2.0° C to 2.0° C)	Over rest of the region.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Thoothukudi and Tiruchirapalli districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Chennai and Dharmapuri
Appreciably below normal (- 3.1° C to -5.0°C)	-----
Markedly below normal (- 5.1° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over rest of the region.

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

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

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:07-10-2022 (15 Asvina 1944 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	1-10-2022	mm	1-1-2022	cm	
Adiramapattinam	32.3	-0.5	25.5	0.7	69	-8	0	tr	-43.1	114	124	
Chennai	32	-0.8	24.7	-0.4	90	8	20.3	36.4	-4.5	66	140	r
Chennai_AP	31.6	-1.4	24.5	-0.5	87	7	0.8	35.6	-9.1	60	138	r
Coimbatore_AP	30.9	-1.3	22	-0.2	79	-3	0	5	-13.3	37	59	m*
Coonoor	21.6	-0.4	11.2	-2.9	73	-4	0	9.1	-35.2	107	159	
Cuddalore	30.7	-2.1	25.4	0.8	90	8	0	5.8	-36.4	60	134	z*
Dharmapuri	30	-1.3	21.7	-0.5	85	7	0	47	1.4	75	91	
Erode	33.6	--	19.6	--	85	--	0	0.6	--	81	--	
Kanyakumari	30	-0.6	23.4	-1.1	76	-2	0	2.8	-12.6	28	75	
KarurParamathi	32	-0.3	22	-1.9	81	1	0	9.4	--	43	59	
Karaikal	32.2	-0.5	26.2	1	92	11	tr	tr	-30.1	56	150	d
Kodaikanal	19.4	0.9	8.7	-2.7	70	-14	0	1.8	-43.6	161	158	
Madurai city	33.6	-0.8	23.5	-0.9	76	3	0	0	--	74	--	
Madurai_AP	35.7	1.7	23.7	-0.6	55	-18	0	0	-31	70	85	
Nagapattinam	32	-0.8	26	0.7	92	12	0	0	-30.9	75	143	
Palayamkottai	35	0.3	24.4	-1	64	-5	0	0	-15.5	30	73	
Pamban	33.8	1.1	27.2	0.7	81	6	0	0.9	-10	42	91	
Parangipettai	34	--	26	--	90	--	0	0	-27.6	62	139	
Puducherry	30.2	-2.7	24.2	-0.7	92	9	0.2	16.2	-24.1	59	134	r
Salem	32.2	-0.2	21	-1.6	91	9	0.3	21.4	-23.5	93	102	r
Thanjavur	33	-1.2	25.4	0.6	77	-6	0	1.2	-38	59	95	
Thirupattur	29.2	-2.6	23.4	0.9	78	-5	0	5.2	-43.2	100	95	
Tiruchirappalli_AP	33.1	-0.4	25	0.5	78	0	0	0	-35.7	63	87	m*
Tiruthani	31	-2	22.5	-0.6	95	17	26.6	67.4	29.4	70	101	r
Tondi	33.3	1	26.4	1.4	82	5	0	9.4	-10.3	49	88	
Thoothukudi	36.3	2.5	24.6	-0.2	72	-1	0	8	0.6	27	63	
Uthagamandalam	16	-3	8.2	-2.4	62	-24	0	6.6	-32	143	116	
Valparai	22	--	15.5	--	92	--	1.2	28.4	--	425	--	r
Vellore	30.2	-2.9	24	0.9	84	2	0	28.2	-9	70	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

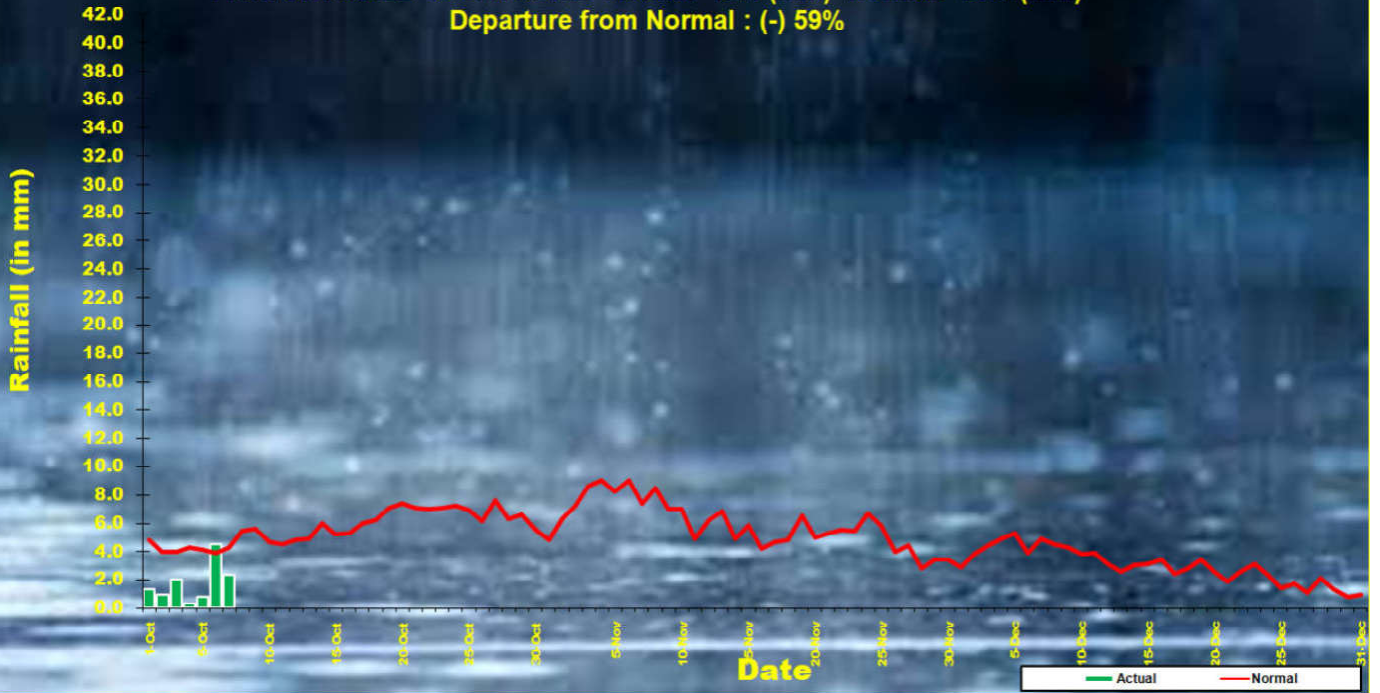
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		07.10.2022			From 01.10.2022 to 07.10.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	2.3	4.2	-46	12.1	29.3	-59
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	4.0	-100	0.0	28.0	-100
687	CHENGALPATTU	15.9	4.5	253	38.7	35.0	11
461	CHENNAI	7.5	6.6	13	22.8	43.1	-47
462	COIMBATORE	0.5	3.7	-86	12.2	26.5	-54
463	CUDDALORE	0.0	5.8	-100	2.9	30.8	-91
464	DHARMAPURI	0.0	5.9	-100	20.6	40.2	-49
465	DINDIGUL	0.0	4.1	-100	7.8	31.6	-75
466	ERODE	0.3	3.7	-93	11.9	28.3	-58
688	KALLAKURICHI	0.0	4.7	-100	2.2	32.4	-93
467	KANCHEEPURAM	19.3	3.7	421	62.5	38.5	62
468	KANYAKUMARI	0.0	6.1	-100	10.8	42.1	-74
636	KARAIKAL	0.0	3.4	-100	0.3	27.2	-99
469	KARUR	0.0	3.3	-100	3.3	20.8	-84
470	KRISHNAGIRI	0.0	5.6	-100	18.1	42.1	-57
471	MADURAI	0.0	4.2	-100	1.8	28.9	-94
695	MAYILADUTHURAI	0.0	4.6	-100	0.0	29.2	-100
472	NAGAPATTINAM	0.0	3.8	-100	14.1	25.1	-44
473	NAMAKKAL	0.8	2.9	-72	8.0	25.6	-69
474	NILGIRIS	1.1	6.6	-84	21.8	39.2	-44
475	PERAMBALUR	0.0	2.9	-100	1.0	25.3	-96
476	PUDUCHERRY	0.2	5.7	-96	16.2	52.0	-69
477	PUDUKKOTTAI	0.0	4.5	-100	2.0	25.9	-92
478	RAMANATHAPURAM	0.0	2.9	-100	8.2	20.3	-60
689	RANIPET	4.3	4.7	-9	28.4	32.6	-13
479	SALEM	3.6	4.4	-18	20.3	34.8	-42
480	SIVAGANGA	0.4	4.4	-91	4.0	29.0	-86
690	TENKASI	0.0	3.1	-100	7.1	17.6	-59
481	THANJAVUR	0.0	4.3	-100	4.7	28.5	-84
482	THENI	0.0	3.4	-100	3.2	25.0	-87
483	TIRUNELVELI	0.0	2.5	-100	0.9	13.5	-94
691	TIRUPATTUR	0.0	6.2	-100	4.1	35.9	-89
535	TIRUPPUR	0.0	2.8	-100	10.6	23.8	-55
484	TIRUVALLUR	16.5	5.1	223	32.6	35.4	-8
485	TIRUVANNAMALAI	5.9	6.7	-12	26.9	39.4	-32
486	TIRUVARUR	0.0	3.8	-100	5.2	28.3	-82
488	TOOTHUKUDI	0.0	2.5	-100	3.6	12.6	-72
487	TRICHY	0.0	3.1	-100	1.5	28.1	-95
489	VELLORE	0.0	4.7	-100	16.4	34.7	-53
490	VILLUPURAM	23.4	6.3	271	41.0	36.3	13
491	VIRUDHUNAGAR	0.0	3.3	-100	1.6	21.5	-92
	SUBDIVISION RAINFALL	2.3	4.3	-47	12.1	29.4	-59
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

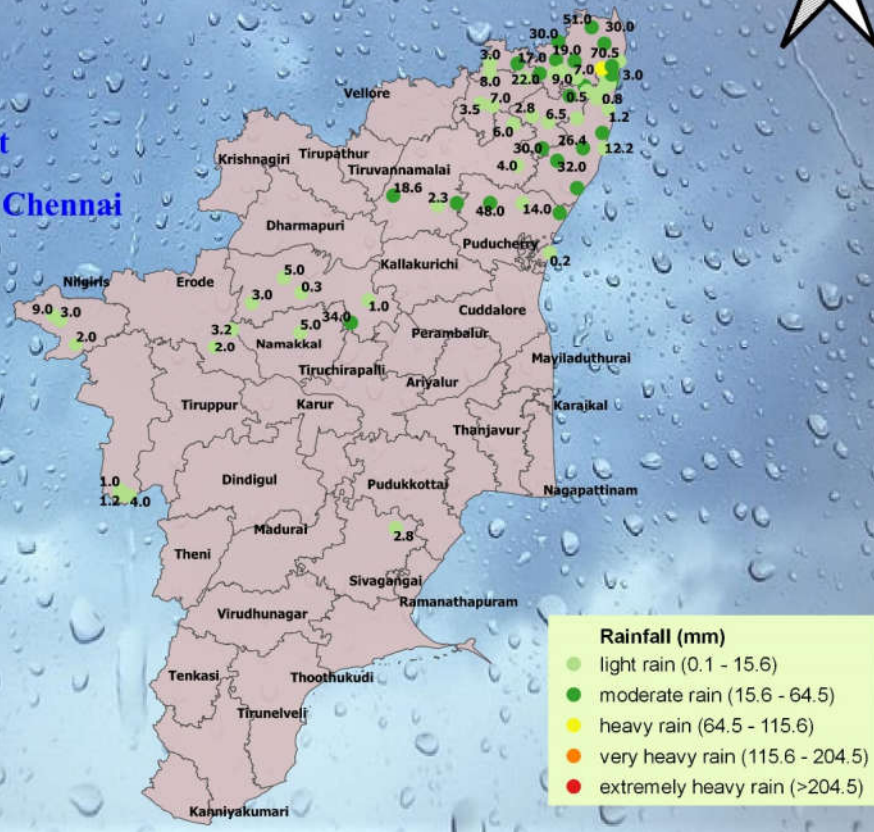
NE Monsoon Rainfall 2022 for Tamilnadu and Puducherry
 From 01.10.2022 to 07.10.2022 Actual: 12.1 (mm) Normal: 29.4 (mm)
 Departure from Normal : (-) 59%



Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 07/10/2022)



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 07/10/2022



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)

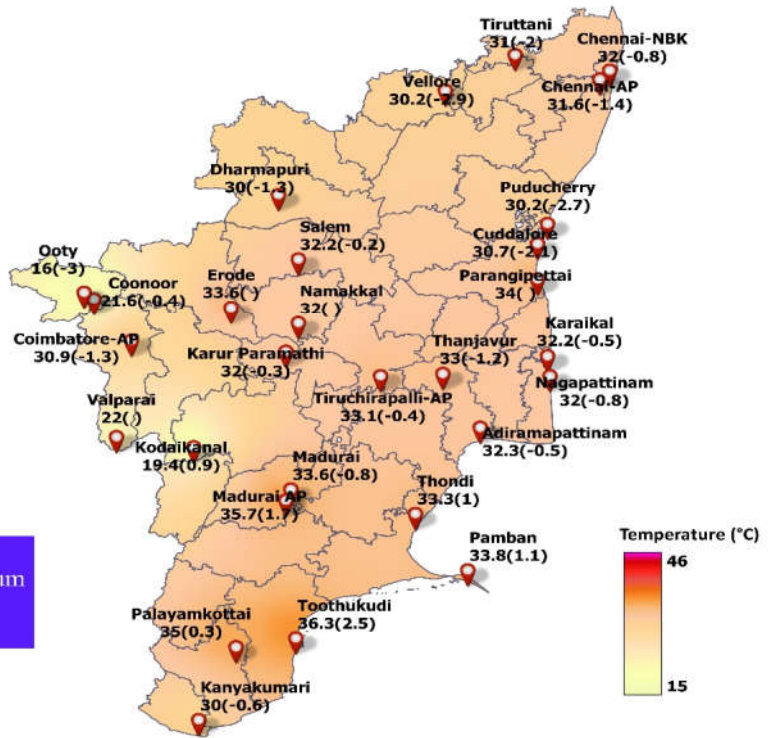


Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 07/10/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai

Date: 07/10/2022



The highest temperature recorded : 36.3°C
Place : Toothukudi

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

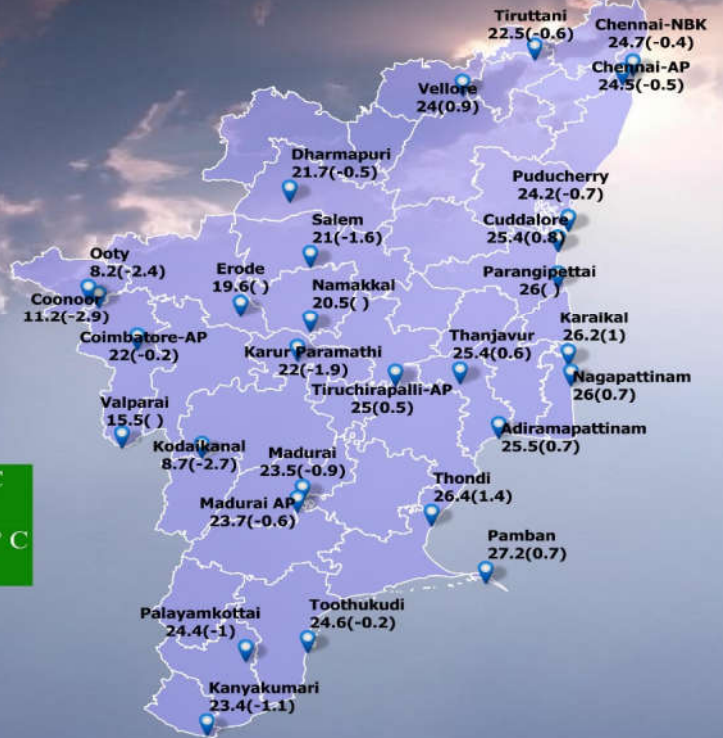


Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 07/10/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai

Date : 07/10/2022



The lowest temperature recorded in the plains : 19.6° C
Place : Erode
The lowest temperature recorded in the hilly region : 8.2° C
Place : Ooty

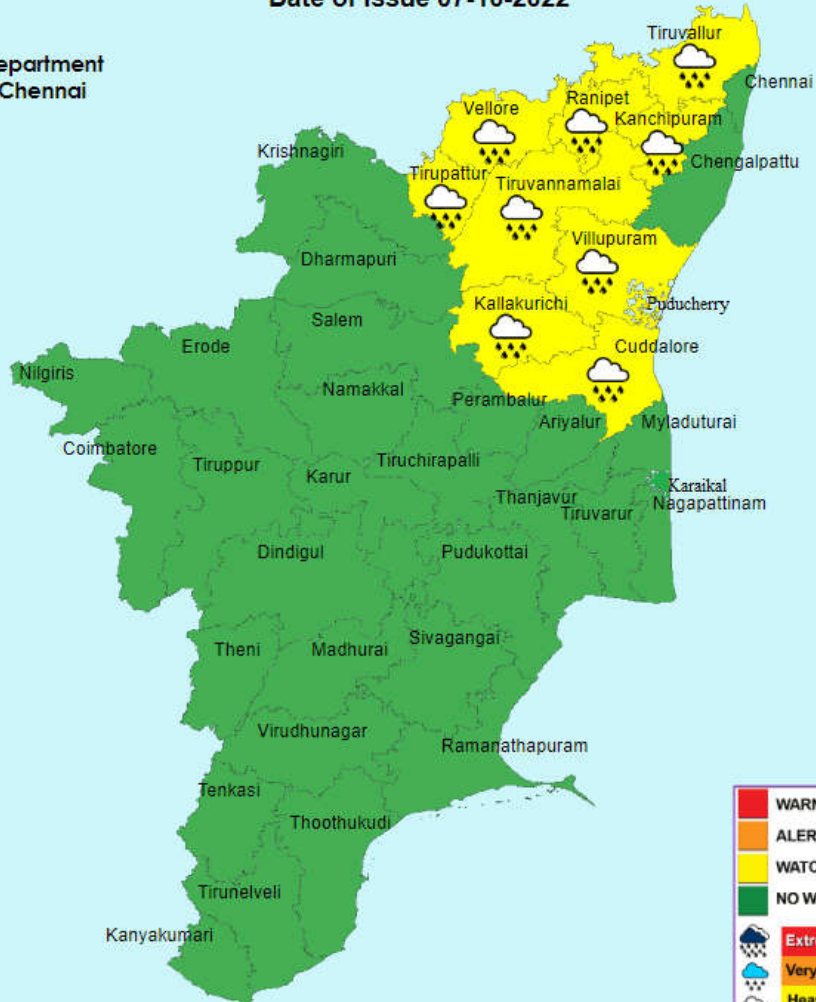
N.B. The departure from normal minimum temperature is given in brackets.



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Regional Met Centre, Chennai

Warning - Day 1

(Valid from 0830 hrs IST of 07-10-2022 to 0830 hrs IST of 08-10-2022)
Date of Issue 07-10-2022



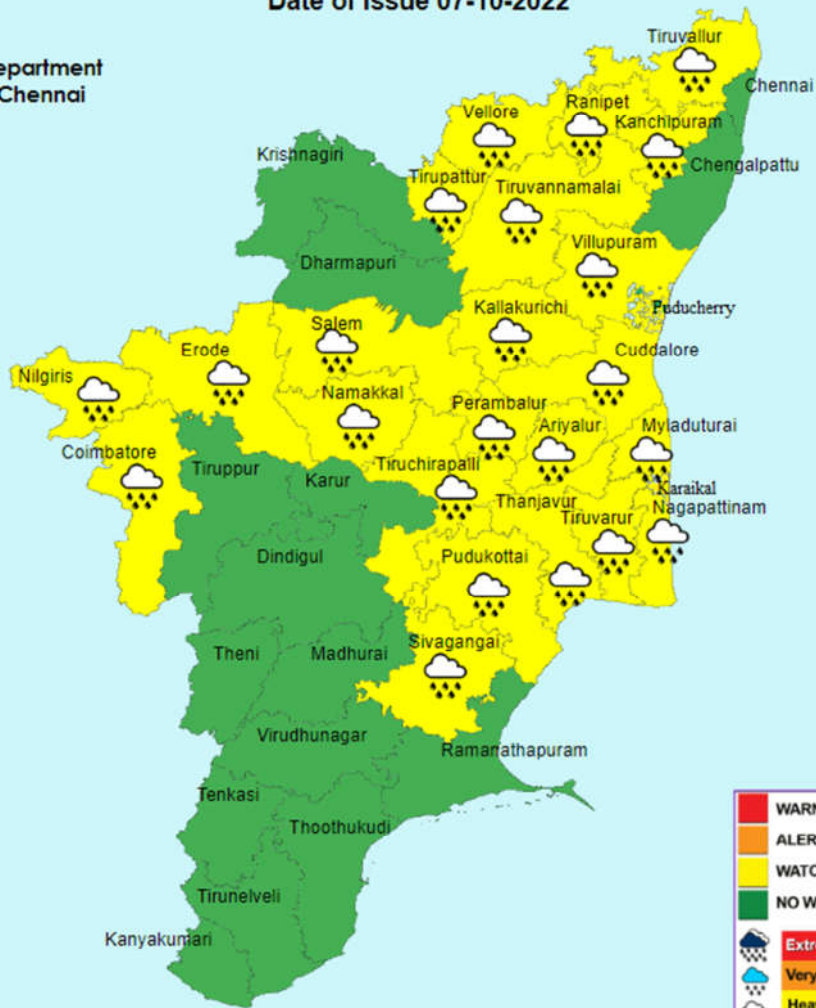


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Warning - Day 2

(Valid from 0830 hrs IST of 08-10-2022 to 0830 hrs IST of 09-10-2022)

Date of Issue 07-10-2022



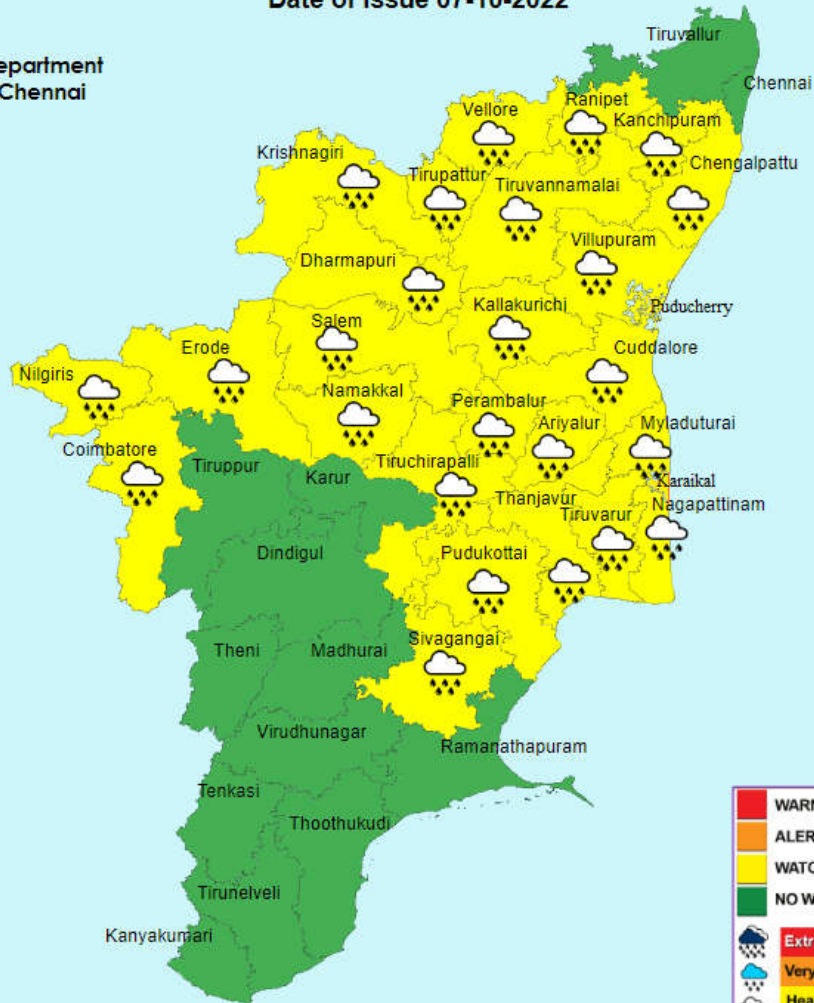


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Warning - Day 3

(Valid from 0830 hrs IST of 09-10-2022 to 0830 hrs IST of 10-10-2022)

Date of Issue 07-10-2022

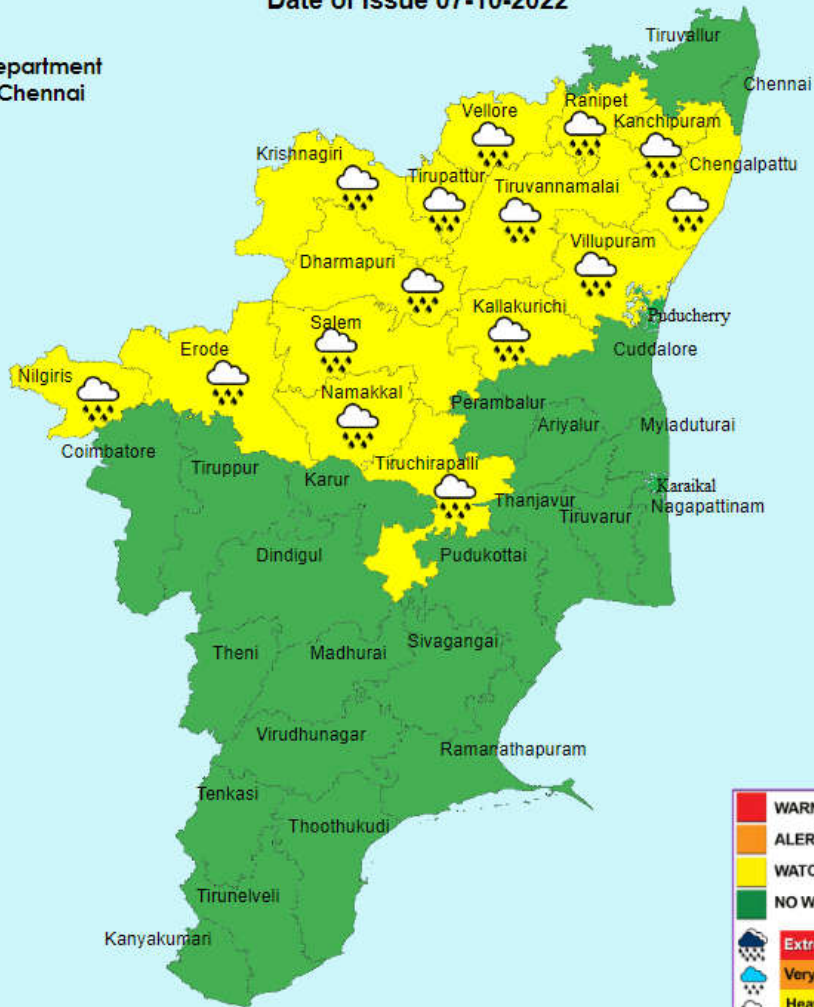




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Warning - Day 4

(Valid from 0830 hrs IST of 10-10-2022 to 0830 hrs IST of 11-10-2022)
Date of Issue 07-10-2022



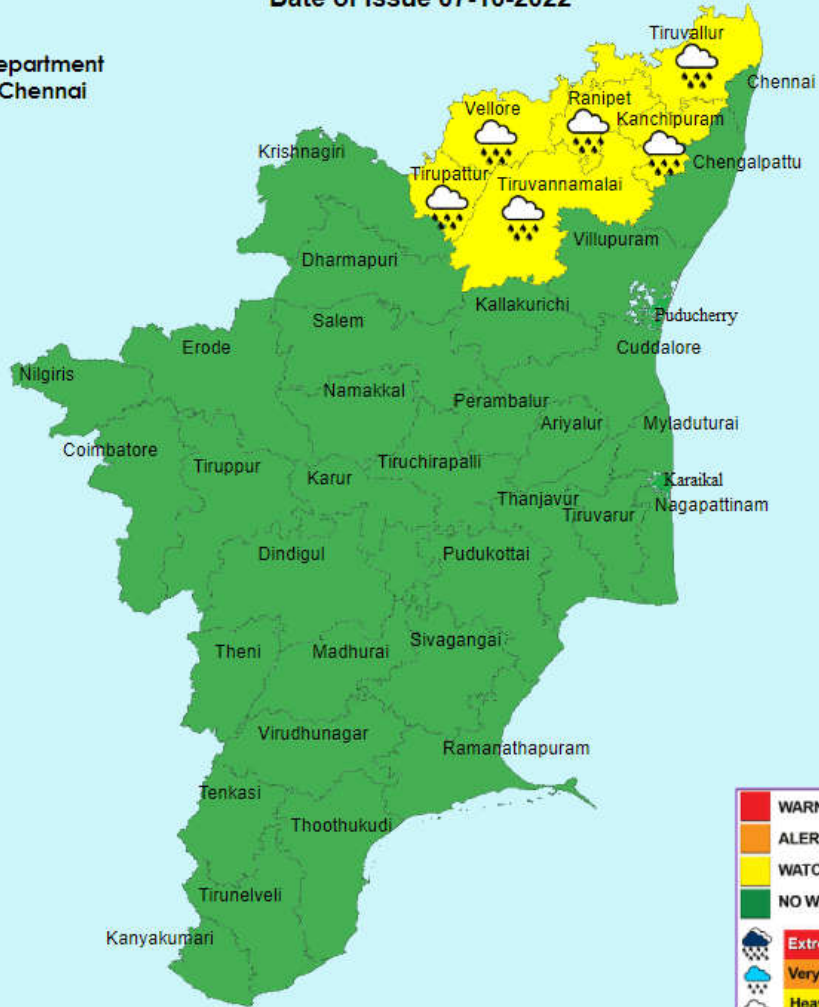


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Warning - Day 5

(Valid from 0830 hrs IST of 11-10-2022 to 0830 hrs IST of 12-10-2022)

Date of Issue 07-10-2022



	WARNING (TAKE ACTION)
	ALERT (BE PREPARED)
	WATCH (BE UPDATED)
	NO WARNING (NO ACTION)
	Extremely Heavy Rainfall > 204.4 mm.
	Very Heavy Rainfall 115.6 to 204.4 mm.
	Heavy Rainfall 64.5 to 115.5 mm.

Legends:

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