இந்திய அரசு இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை–600006 கொலைபேசி: 044- 28271951



GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951

DATE: Friday, October 18, 2024 (26 Asvina 1946)

Time of issue: 1300 Hrs IST

## DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

<u>Summary of observations over Tamil Nadu, Puducherry and Karaikal recorded at 0830 hrs IST:</u> Rainfall occurred at one or two places over Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Arani (dist Tiruvannamalai) 7, Zone 15 Sholinganallur (dist Chennai) 6, Kothagiri (dist The Nilgiris), Katpadi (dist Vellore), Zone 02 Manali (dist Chennai), Wallajah (dist Ranipet) 5 each, Kaveripakkam (dist Ranipet) 4, Gudivatham (dist Vellore), Zone 13 Adyar (dist Chennai), Melalathur (dist Vellore), Ponnai Dam (dist Vellore), Zone 13 Advar Eco Park (dist Chennai), Ammoor (Walajah Railway) (dist Ranipet), Gobichettipalayam (dist Erode), Virinjipuram AWS (dist Vellore), Zone 05 Royapuram (dist Chennai), Zone 04 Tondiarpet (dist Chennai), Vadapudupattu (dist Tirupathur), Zone 05 GCC (dist Chennai), Perambur (dist Chennai) 3 each, Zone 09 Teynampet (dist Chennai), Kalavai PWD (dist Ranipet), Ambur (dist Tirupathur), Anna University ARG (dist Chennai), Tirur KVK AWS (dist Tiruvallur), Taramani ARG (dist Chennai), Anna University (dist Chennai), Zone 06 T.V.K Nagar (dist Chennai), Thiru-Vi-Ka Nagar (dist Chennai), Royapuram (dist Chennai), R.K.Pet ARG (dist Tiruvallur), Chennai Collector Office (dist Chennai), YMCA Nandnam ARG (dist Chennai), DGP Office (dist Chennai), Zone 14 Perungudi (dist Chennai), Vellore (dist Vellore), Kurungulam (dist Thanjavur), R.K.Pet (dist Tiruvallur), Zone 13 U39 Adyar (dist Chennai), Palar Anicut (dist Ranipet), Ponnaniyar Dam (dist Thiruchirappalli), Zone 06 D65 Kolathur (dist Chennai), Zone 08 Anna Nagar (dist Chennai), Zone 02 D15 Manali (dist Chennai), Vettikadu (dist Thanjavur), Ayanavaram Taluk Office (dist Chennai) 2 each, Vembakkam (dist Tiruvannamalai), Zone2 D156 Mugalivakkam (dist Chennai), Elanthakuttai Medu (dist Erode), Chennai(N) AWS (dist Chennai), MGR Nagar (dist Chennai), NIOT\_Pallikaranai ARG (dist Chennai), Chennai (N) (dist Chennai), Zone 09 Ice House (dist Chennai), Arcot (dist Ranipet), Pallipattu (dist Tiruvallur), Zone1 Valasaravakkam (dist Chennai), Ammundi (dist Vellore), Zone2 Meenambakkam (dist Chennai), Madukkur (dist Thanjavur), ACS Medical College ARG (dist Kancheepuram), Mahabalipuram (dist Chengalpattu), CD Hospital Tondaiarpet (dist Chennai), Sholinganallur (dist Chennai), Devala (dist The Nilgiris), Alandur (dist Chennai), Chennai (AP) (dist Chennai), Meenambakkam AWS (dist Chennai), Zone4 U41 Perungudi (dist Chennai), Good Will School Villivakkam ARG (dist Tiruvallur), Chembarambakkam ARG (dist Kancheepuram), Vridhachalam ARG (dist Cuddalore), Varattupallam (dist Erode) 1 each.

## **DESCRIPTION OF TEMPERATURE:** (in the plains)

Madurai\_AP recorded the highest maximum temperature of 36.7°C.

Erode recorded the lowest minimum temperature of 17.8°C

### SYNOPTIC METEOROLOGICAL FEATURE:

Yesterday's **cyclonic circulation** over north Lakshadweep area & neighbourhood now lies over eastcentral Arabian Sea at 0830 hrs IST of today, the 18th October and extends upto 5.8 km above mean sea level. Under its influence, **a low pressure area** likely to form over the same region during next 12 hours. It is likely to become more marked and move west-northwestwards away from Indian coasts during subsequent 3 days.

A **trough** runs from the above **cyclonic circulation** over eastcentral Arabian Sea to South Andhra Pradesh coast across Karnataka & Rayalaseema and extends upto 3.1 km above mean sea level.

A **fresh upper air cyclonic circulation** is very likely to form over North Andaman Sea around 20th October. Under its influence, a low pressure area likely to form over Central Bay of Bengal around 22nd October, thereafter, it is likely to move northwestwards and intensify further into a depression by 24<sup>th</sup> October.

#### FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (18.10.2024)	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 <b>Tirupattur</b> , <b>Vellore</b> , <b>Ranipet</b> , <b>Tiruvannamalai</b> , <b>Chengalpattu</b> , <b>Kancheepuram</b> , <b>Mayiladuthurai</b> , <b>Nagapattinam</b> , <b>Tiruvarur</b> , <b>Erode</b> , <b>Krishnagiri</b> , <b>Dharmapuri</b> , <b>Salem</b> , <b>Villuppuram</b> , <b>Cuddalore and Kallakurichi and Puducherry and Karaikal area</b> .
Day 2 (19.10.2024)	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.
Day 3 (20.10.2024)	Light to moderate rain at many 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 <b>Tirupattur</b> , <b>Vellore</b> , <b>Ranipet</b> , <b>Tiruvannamalai</b> , <b>Krishnagiri</b> , <b>Dharmapuri</b> , <b>Salem</b> , <b>Erode</b> , <b>Kallakurichi</b> , <b>Tiruchirappalli</b> , <b>Pudukkottai</b> , <b>Sivaganga</b> , <b>Dindigul and Madurai districts</b> .
Day 4 (21.10.2024)	Light to moderate rain at many 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 <b>Vellore, Ranipet, Tiruvannamalai,</b> <b>Kallakurichi, Perambalur, Ariyalur, Cuddalore, Villuppuram, Tiruchirappalli,</b> <b>Thanjavur and Pudukkottai districts and Puducherry.</b>
Day 5 (22.10.2024)	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.
	Outlook for subsequent two days
Day 6 (23.10.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (24.10.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over <b>Cuddalore</b> , <b>Mayiladuthurai</b> , <b>Nagapattinam</b> , <b>Tiruvarur</b> , <b>Thanjavur</b> , <b>Pudukkottai</b> , <b>Ariyalur</b> , <b>Perambalur</b> and <b>Ramanathapuram</b> and Karaikal area.
	HEAVY RAINFALL WARNING
Day 1 (18.10.2024)	Heavy rain is likely to occur at isolated places over <b>Tirupattur</b> , <b>Vellore</b> , <b>Ranipet</b> , <b>Tiruvannamalai</b> , <b>Chengalpattu</b> , <b>Kancheepuram</b> , <b>Mayiladuthurai</b> , <b>Nagapattinam</b> ,

	Tiruvarur, Erode, Krishnagiri, Dharmapuri, Salem, Villuppuram, Cuddalore and Kallakurichi districts and Puducherry and Karaikal area.							
Day 3 (20.10.2024)	Heavy rain is likely to occur at isolated places over <b>Tirupattur</b> , <b>Vellore</b> , <b>Ranipet</b> , <b>Tiruvannamalai</b> , <b>Krishnagiri</b> , <b>Dharmapuri</b> , <b>Salem</b> , <b>Erode</b> , <b>Kallakurichi</b> , <b>Tiruchirappalli</b> , <b>Pudukkottai</b> , <b>Sivaganga</b> , <b>Dindigul and Madurai districts</b> .							
Day 4 (21.10.2024)	Heavy rain is likely to occur at isolated places over <b>Vellore</b> , <b>Ranipet</b> , <b>Tiruvannamalai</b> , <b>Kallakurichi</b> , <b>Perambalur</b> , <b>Ariyalur</b> , <b>Cuddalore</b> , <b>Villuppuram</b> , <b>Tiruchirappalli</b> , <b>Thanjavur and Pudukkottai districts and Puducherry</b> .							
Day 7 (24.10.2024)	Heavy rain is likely to occur at isolated places over <b>Cuddalore</b> , <b>Mayiladuthurai</b> , <b>Nagapattinam</b> , <b>Tiruvarur</b> , <b>Thanjavur</b> , <b>Pudukkottai</b> , <b>Ariyalur</b> , <b>Perambalur</b> and <b>Ramanathapuram</b> and <b>Karaikal area</b> .							

THUNDERSTORM WARNING							
Day 1 (18.10.2024)	Thunderstorm with lightning is likely to occur at one or two places over						
to Day 5 (22.10.2024)	Tamilnadu, Puducherry and Karaikal area.						

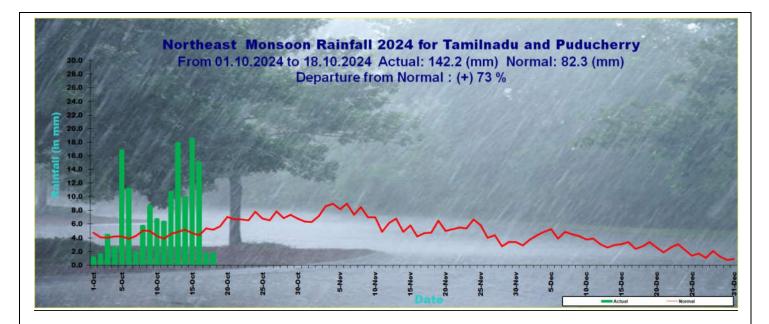
LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD					
	Sky condition is likely to be partly cloudy. Light/ Moderate with thunderstorm				
For next 24 hours	& lightning is likely to occur in some areas. Maximum temperature is likely to				
	be around <b>31</b> °C and Minimum temperature is likely to be <b>25-26</b> °C.				
	Sky condition is likely to be partly cloudy. Light/ Moderate with thunderstorm				
For next 48 hours	& lightning is likely to occur in some areas. Maximum temperature is likely to				
	be <b>32-33°C</b> and Minimum temperature is likely to be <b>25-26°C</b> .				

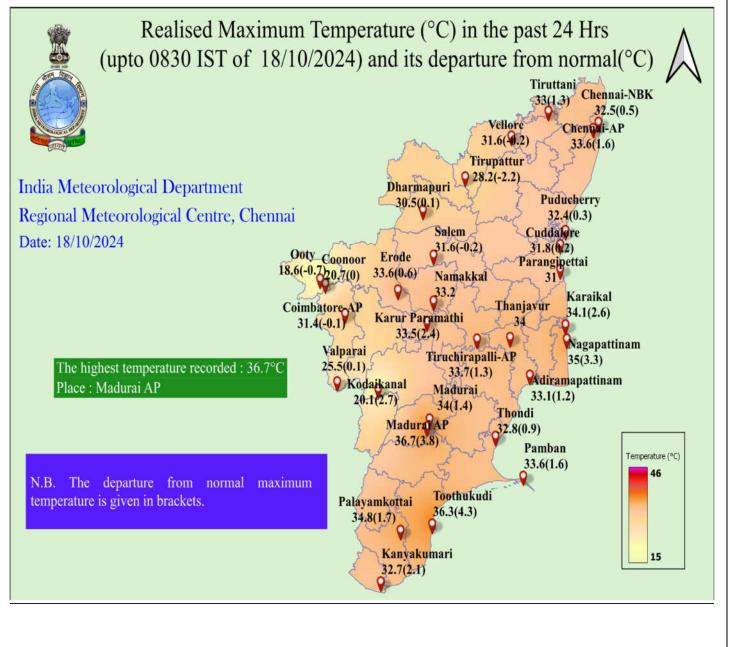
P. SENTHAMARAI KANNAN SCIENTIST 'F' For Deputy Director General of Meteorology, Regional Meteorological Centre, Chennai.

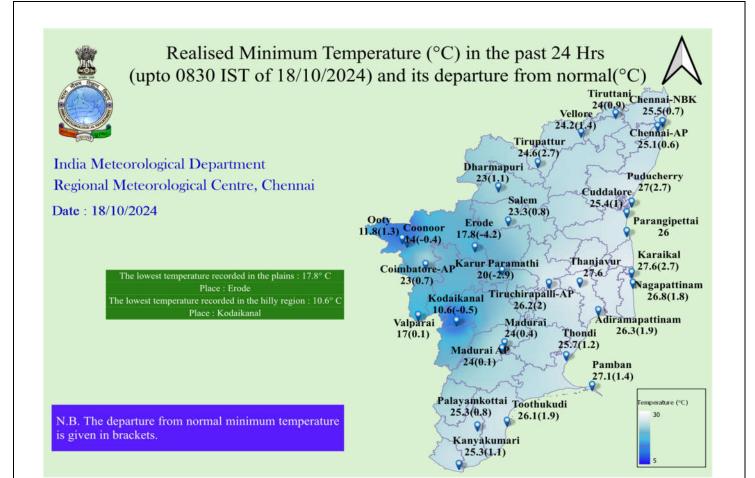
	Temperature Degrees celsius			Humidity percentage		Rainfall						Weathe	
Stations	Max	Maximum		Minimum		Den	Millimeters			Centimeters			remark
	Past 24 Hrs	Dep. from normal	Past 24 Hrs	Dep. from normal	0830 Hrs IST	Dep. from normal	Past 24 Hrs	Seasons total from	Departure from normal	Year's total from	Annual normal		
	٥C	۰C	∘C	°C	%	%	mm	1-10-2024	mm	1-1- 2024	cm		
Adiramapattinam	33.1	1.2	26.3	1.9	77	-7	0.0	193.2	93.8	75	124		
Chennai	32.5	0.5	25.5	0.7	92	7	14.4	316.3	206.3	110	140	r*	
Chennai_AP	33.6	1.6	25.1	0.6	90	6	9.6	267.8	160.9	110	138	r*	
Coimbatore_AP	31.4	-0.1	23.0	0.7	74	-9	tr	139.3	79.4	49	59	d*	
Coonoor	20.7	0.0	14.0	-0.4	82	-5	0.0	174.9	1.6	131	159		1
Cuddalore	31.8	0.2	25.4	1.0	89	2	0.0	185.2	89.4	82	134		
Dharmapuri	30.5	0.1	23.0	1.1	84	1	0.0	141.0	34.0	67	91		1
Erode	33.6	0.6	17.8	-4.2	83	9	0.0	183.2		59			1
Kanyakumari	32.7	2.1	25.3	1.1	78	-2	0.0	42.7	-16.4	63	75		1
KarurParamathi	33.5	2.4	20.0	-2.9	84	0	0.0	203.8	133.1	69	59		1
Karaikal	34.1	2.6	27.6	2.7	82	-4	0.0	150.8	62.2	65	150	İ	
Kodaikanal	20.1	2.7	10.6	-0.5	81	-9	0.0	218.1	84.5	122	158		
Madurai_City	34.0	1.4	24.0	0.4	64	-10	0.0	215.2		65			
Madurai_AP	36.7	3.8	24.0	0.1	68	-11	0.0	123.6	36.8	46	85	İ	
Nagapattinam	35.0	3.3	26.8	1.8	85	-3	0.0	70.8	-12.3	59	143		-
Namakkal	33.2		NA		NA		NA						-
Palayamkottai	34.8	1.7	25.3	0.8	78	1	0.0	22.0	-38.2	39	73	İ	-
Pamban	33.6	1.6	27.1	1.4	77	-4	0.0	189.0	131.8	55	91		1
Parangipettai	31.0		26.0		81		0.0	133.4	42.3	59	139		1
Puducherry	32.4	0.3	27.0	2.7	89	1	0.0	155.1	47.3	94	134		
Salem	31.6	-0.2	23.3	0.8	74	-9	0.0	277.8	161.6	105	102	z*	
Thanjavur	34.0		27.6		80		0.5	96.0	-1.6	40	95	ĺ	1
- Thirupattur	28.2	-2.2	24.6	2.7	77	-8	0.0	196.6	113.3	87	95	-	
Tiruchirappalli_AP	33.7	1.3	26.2	2.0	78	-5	0.0	258.5	188.6	76	87	m'	*
Firuthani	33.0	1.3	24.0	0.9	90	10	5.8	116.6	32.9	91	101	r*	1
Γondi	32.8	0.9	25.7	1.2	80	-2	0.0	246.0	158.2	84	88	-	1
Thoothukudi	36.3	4.3	26.1	1.9	73	-10	0.0	42.7	-21.6	32	63		
Jdagamandalam	18.6	-0.7	11.8	1.3	96	7	0.0	84.8	-17.4	101	116	1	1
Valparai	25.5	0.1	17.0	0.1	93	2	0.6	265.6	109.2	378	290	r*	1
Vellore	31.6	-0.2	24.2	1.4	95	10	17.7	156.4	71.2	89	103	r*	_

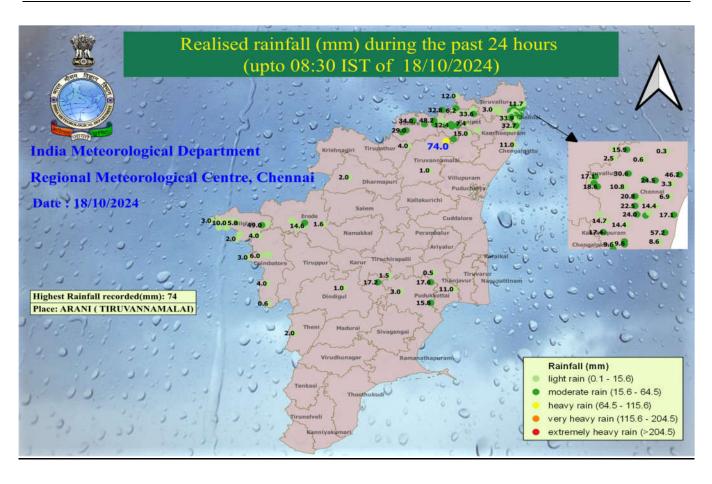
\*Weather at 0830 hours IST. Other remarks refer to preceding 24 hours. NA-Not avble D-Duststorm I-Lightning d-drizzle mmist s-snow r-rain h-hail f-fog p-shower z-haze t-thunderstorm tr-rainfall not measurable. Tr-rainfall 0.01 to 0.49 cm AP-Airport plus sign omitted when departures above normal.

	GOVERNMEN	T OF INDIA	, MINISTRY	OF EARTH	<b>I SCIENCES</b>	3	
	INDIA	METEOR	OLOGICAL	DEPARTM	ENT		
	REGIONAL	METEOR	OLOGICAL	CENTRE	CHENNAL		
	Districtwise daily / s	easonai rain		n tor I amii N			
INCRTHEAST MONSOON RAINFALL 2024 18.10.2024 From 01.10.2024 to 18.10.2024							
CODE	NAME	ACTUAL in	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
CODE	STATES						
31	TAMIL NADU	1.8	5.2	-66	142.1	82.2	73
	MET. SUBDIVISIONS				į		
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	6.1	-100	112.6	78.0	44
687	CHENGALPATTU	1.4	8.4	-84	180.6	95.4	89
461	CHENNAI	16.1	12.8	26	302.3	103.8	191
462 463	COIMBATORE	0.6	4.8	-87	201.2	83.0	142
463	DHARMAPURI	0.0	3.7	-99 -92	155.4	84.5	84
464	DINDIGUL	0.3	3.3 4.7	-92	138.0 186.1	96.9 98.0	42 90
466	ERODE	3.8	4.2	-30	138.7	78.8	76
688	KALLAKURICHI	0.0	3.5	-100	119.8	78.8	52
467	KANCHEEPURAM	1.0	4.6	-79	127.4	90.3	41
468	KANYAKUMARI	0.0	10.0	-100	104.1	131.0	-21
636	KARAIKAL	0.0	8.5	-100	150.8	88.6	70
469	KARUR	0.0	4.4	-100	165.4	68.8	140
470	KRISHNAGIRI	0.0	3.4	-100	148.0	98.2	51
471	MADURAI	0.0	6.2	-100	164.8	88.6	86
695	MAYILADUTHURAI	0.0	5.5	-100	105.8	83.5	27
472	NAGAPATTINAM	0.0	5.9	-100	64.5	77.1	-16
473	NAMAKKAL	0.0	3.7	-100	150.7	73.6	105
474	NILGIRIS	3.3	7.8	-58	166.2	117.1	42
475	PERAMBALUR	0.0	5.5	-100	112.1	75.9	48
476	PUDUCHERRY	0.0	9.6	-100	155.1	107.8	44
477	PUDUKKOTTAI	0.2	5.4	-97	162.1	64.6	151
478	RAMANATHAPURAM	0.0	6.9	-100	153.5	72.3	112
689 479	RANIPET SALEM	17.7 0.0	3.0 4.4	488	119.7	75.5	59 58
479	SIVAGANGA	0.0	4.4	-100	146.2 227.5	92.6 92.7	145
690	TENKASI	0.0	6.6	-100	227.5	72.2	-59
481	THANJAVUR	2.0	5.5	-63	142.8	73.3	95
482	THENI	0.0	5.7	-100	76.2	86.4	-12
483	TIRUNELVELI	0.0	6.1	-100	41.6	53.3	-22
691	TIRUPATTUR	6.5	3.0	117	197.2	77.8	153
535	TIRUPPUR	0.0	3.9	-100	179.5	70.5	155
484	TIRUVALLUR	3.6	5.2	-31	228.6	86.4	165
485	TIRUVANNAMALAI	7.8	3.1	153	138.5	91.6	51
486	TIRUVARUR	0.0	7.1	-100	105.3	76.7	37
488	TOOTHUKUDI	0.0	7.8	-100	37.9	57.1	-34
487	TRICHY	0.7	4.6	-85	153.2	75.4	103
489	VELLORE	30.0	3.4	782	141.4	82.3	72
490	VILLUPURAM	0.0	4.3	-100	149.2	77.6	92
491		0.0	6.6	-100	106.9	80.1	33
0510	SUBDIVISION RAINFALL	1.7 Percente	5.2	-66	142.2	82.3	73
GEND	PDN*		ge Departure from for the 24 hrs en				

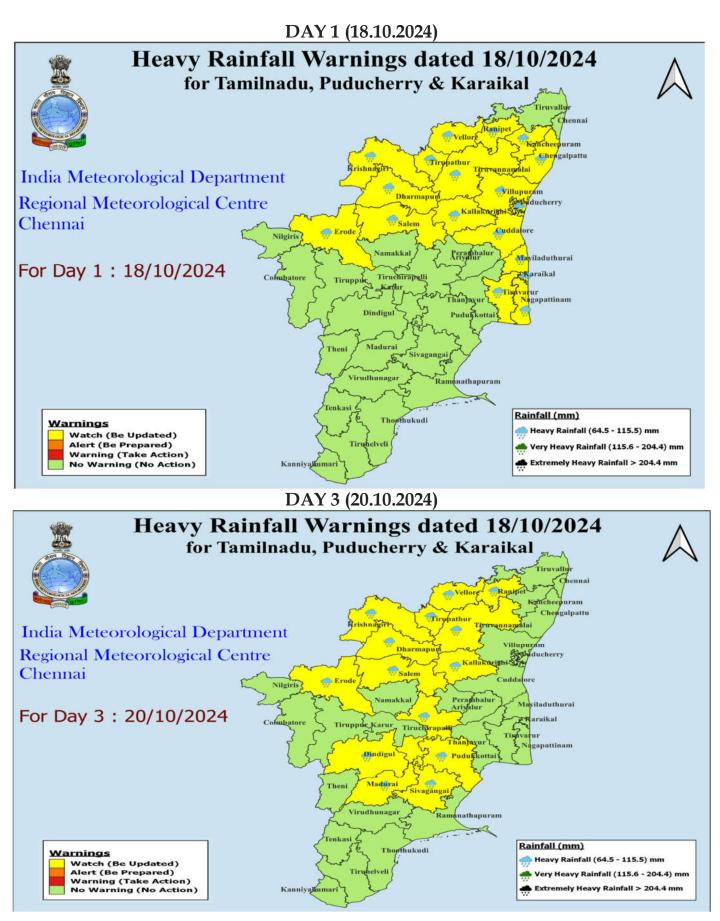


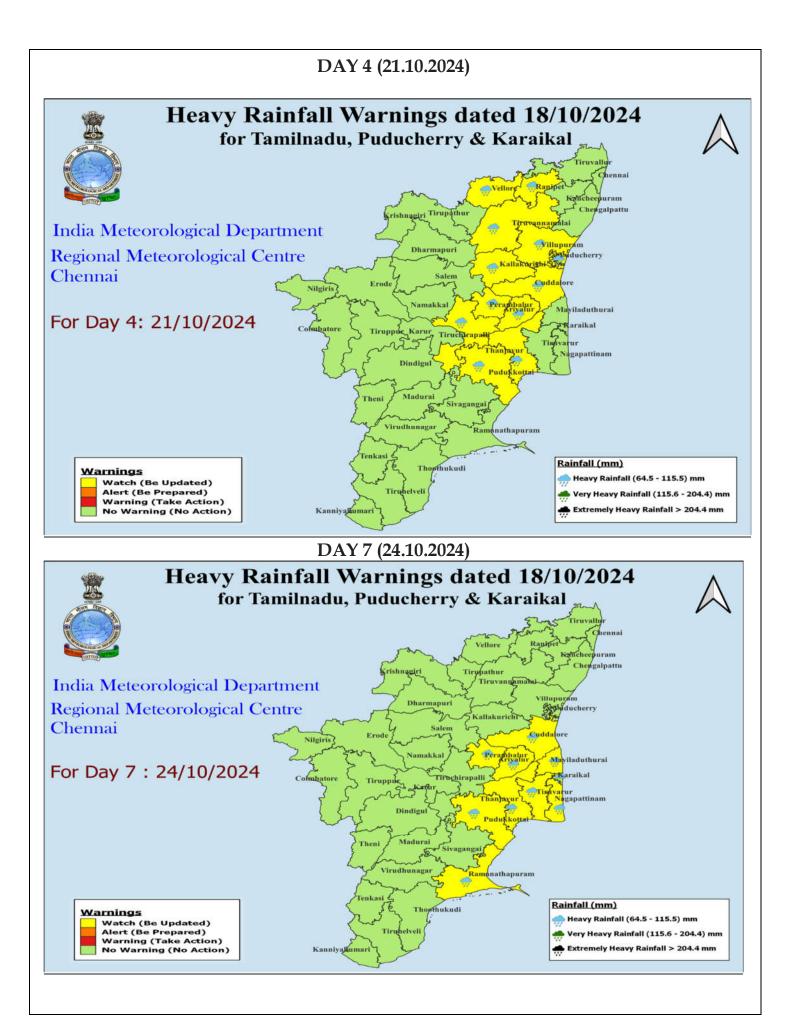






## HEAVY RAINFALL WARNING





# Legends:

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

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