

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: Saturday, May 25, 2024 (25 May 2024)

Time of issue: 1300 Hrs

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

<u>Summary of observations over Tamil Nadu and Puducherry recorded at 0830 hrs IST:</u>

Rainfall occurred at many places over South Tamilnadu; at isolated places over North Tamilnadu. Dry weather Prevailed over Karaikal area and Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Mylaudy (dist Kanniyakumari) 10, Mambzhathuraiyaru (dist Kanniyakumari) 9, Anaikedanku (dist Kanniyakumari), Balamore (dist Kanniyakumari), Thuckalay (distKanniyakumari), Periyar (dist Theni) 8 Kanniyakumari), each,Kottaram (dist Nalumukku (dist Tirunelveli). (distKannivakumari). Perunchani (dist Kanniyakumari), Dam Oothu Tirunelveli), Puthan Dam (dist Kanniyakumari), Suralacode (dist 7each, Mullanginavillai (dist Kanniyakumari) 6, Kalial (dist Kanniyakumari), Adayamadai (dist Kanniyakumari), Pechiparai (distKanniyakumari), Sivalogam (Chittar II) (dist Kannivakumari). Chittar-I (distKannivakumari). Bhoothapandy (dist Kannivakumari). Colachel (dist Kanniyakumari), Kakkachi (dist Tirunelveli), Thirupathisaram AWS (dist Kanniyakumari), Kurunthancode (dist Kanniyakumari), Papanasam (dist Tirunelveli) 5 each, Kuzhithurai (dist Kanniyakumari), Valparai PTO (dist Coimbatore), Kannimar (distKanniyakumari), Kodumudiyaru Dam (dist Tirunelveli), Mukkadal (distKanniyakumari), Valparai PAP (dist Coimbatore) 4 each, Adavinainnarkoil Dam (dist Tenkasi), Kanniyakumari (dist Kanniyakumari), Sivagiri(dist Tenkasi), Devakottai (dist Sivagangai), Thekkadi (dist Theni), Chinnakalar (distCoimbatore), Karuppanadhi Dam (dist Tenkasi), Paramathivelur (dist Namakkal), Ambasamudram (dist Tirunelveli), Thenkasi (dist Tenkasi), Servalar Dam (distTirunelveli), Manjolai (dist Tirunelveli), Manimutharu (dist Tirunelveli), UPASI Tea-Research-Foundation AWS (dist Coimbatore) 3 (dist Coimbatore), Eraniel (dist Kanniyakumari), Nambiyar Kanniyakumari), (distTirunelveli), Thirparappu (dist Kannadaian Anicut (dist Tirunelveli), K. Paramathi (dist Karur), Aralvaimozhi (dist Kanniyakumari), Gundar Dam (distTenkasi), Sholayar (dist Coimbatore), Karur (dist Karur), Anaippalayam (dist Karur), Valparai Taluk Office (dist Coimbatore), Kozhiporvilai (dist Kanniyakumari), Aravakurichi (dist Karur), Namakkal (dist Namakkal), Sankarankoil (dist Tenkasi), Radhapuram (dist Tirunelveli), Ayikudi (dist Sethu Baskar Agri CollegeAWS (dist Sivaganga), Tenkasi AWS (dist Tenkasi) 2 each, Ramanadhi Dam Section (dist Tenkasi), Shencottah (dist Tenkasi), Nanguneri (distTirunelveli), Puduchatram (dist Namakkal), Attur (dist Salem), Palayamkottai (distTirunelveli), Arantangi (dist Pudukkottai), Azhiyar (dist Coimbatore), Gudalur

(distTheni), Sivagangai PWD TB (dist Sivagangai), Rasipuram (dist Namakkal), Mayanur(dist Karur), Illayangudi (dist Siyagangai), Kadambur (dist Thoothukudi), Kodaikanal(dist Dindigul), Sendamangalam (dist Namakkal), Kariyapatti Virudhunagar), Pollachi (dist Coimbatore), Cheranmahadevi (dist Tirunelveli), Bodinaickanur (distTheni). Koppampatti (dist Thiruchirappalli), Karaikudi (dist Sivagangai), Emeralad (distThe Nilgiris), Sivaganga (dist Sivagangai), Vattamalai Resorvoir (dist Tiruppur), Kalakadu (dist Tirunelveli), Kilanilai (dist Pudukkottai), Avudayarkoil (distPudukkottai), Pilavakkal Periyar Dam (dist Virudhunagar), Sivakasi Tiruchendur Thoothukudi). (distVirudhunagar). (dist Gadana Dam (dist Tenkasi), Kulasekarapattinam (dist Thoothukudi), Kovilpatti (dist Thoothukudi), TNAU Cri Yethapur (dist Salem), Namakkal AMFU AWS (dist Namakkal) 1 each

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (**25.05.2024**), the maximum temperatures were **generally below normal at most places** over Tamilnadu, Puducherry & Karaikal area.

Highest maximum temperature was recorded at Chennai (Airport)-39.5°C.

Maximum temperature was 28-39°C over the plains of North Interior Tamilnadu and 34-36°C over the plains of South Interior Tamilnadu. The coastal areas of Tamilnadu, Puducherry & Karaikal recorded 31°C to 39°C and the hilly areas recorded 17°C to 24°C temperatures.

Chennai recorded normal maximum temperatures (MBK: 39.5°C, +0.4°C and NBK: 37.9°C, -0.3°C).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	
Appreciably rise (2.1° C t 4.0° C)	oOver Chennai, Kanyakumari, Nagapattinam, Salem, Ramanathapuram and Vellore districts & Karaikal area.
Appreciable fall (-2.1 ° C to -4.0° C)	oOver Coimbatore district.
Markedly fall (-4.1° C or less)	
No large change (-2.1 $^{\circ}$ C to 2.0 $^{\circ}$ C)	OOVer the rest of the subdivision.

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 Ramanathapuram district.
Below normal (-1.6 ° to -3.0 ° C)	Over Cuddalore, Dharmapuri, Karur and Madurai
·	(Airport) districts and Karaikal area.
Appreciably below normal	Over Nilgiris, Erode, Dindigul, Madurai (City), Salem,
(-3.1 to -5.0°C)	Thirupattur, Trichy and Coimbatore (Valparai)
	districts & Puducherry.

Markedly below normal (-5.1 or Over Coimbatore (Airport) and Tirunelveli districts.						
less)						
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.					

Namakkal recorded the lowest minimum temperature of 17.5 °C in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1	° c or more)	
Appreciable rise 4.0°)	(2.1 ° C t	0
Appreciable fall -4.0°)	(-2.1° C to	Over Karur district.
Markedly fall (-4.1	° C or less)	
No large change 2.0° C)	(-2.0° C to	Over the rest of the subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal	
(5.0 ° C or more)	
Appreciably above Normal	
(3.1° C to 5.0 ° C)	
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Tiruvallur, Nilgiris and Vellore district.
Below normal (-1.6 ° to -3.0 ° C)	Over Kanyakumari, Madurai, Nagapattinam, Ramanathapuram and Coimbatore districts.
Appreciably below normal	Over Erode and Karur districts.
(- 3.1° C to -5.0°C)	
Markedly below normal	
(- 5.0° C or less)	
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's **Depression** over Eastcentral Bay of Bengal moved North – Northeastwards, intensified into a deep depression at 0000UTC and lays centered at 0300 UTC of 25th May, 2024 over the same region near latitude 18.0°N and longitude 89.7°E, about 440 km south-southwest of Khepupara (Bangladesh), 440 km south-southeast of Sagar Islands (West Bengal) and 480 km south-southeast of Canning (West Bengal).

It is very likely to continue to move nearly northwards and intensify into a Cyclonic Storm over eastcentral & adjoining north Bay of Bengal around 25th May evening. Continuing to move further northwards, it would intensify into a Severe Cyclonic Storm by 26th May morning and cross Bangladesh & adjoining West Bengal coasts between Sagar Island and Khepupara by 26th May midnight as a Severe Cyclonic Storm with wind speed of 110-120 gusting to 135 kmph.

Yesterday's cyclonic circulation over south Kerala & neighbourhood persists and now seen at 3.1 km above mean sea level.

A trough runs from the cyclonic circulation over southeast Rajasthan to Telangana across Madhya Pradesh and Vidarbha at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (25.05.2024)	Light to moderate rain at a few places with thunderstorm, 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 Tenkasi, Tirunelveli and Kanyakumari districts.
Day 2	Light to moderate rain is likely to occur at one or two places over
(26.05.2024)	Tamilnadu, Puducherry and Karaikal area.
Day 3	Light to moderate rain is likely to occur at one or two places over
(27.05.2024)	Tamilnadu, Puducherry and Karaikal area.
Day 4	Light to moderate rain is likely to occur at one or two places over
(28.05.2024)	Tamilnadu, Puducherry and Karaikal area.
Day 5	Light to moderate rain is likely to occur at one or two places over
(29.05.2024)	Tamilnadu, Puducherry and Karaikal area.
Day 6	Light to moderate rain is likely to occur at one or two places over
(30.05.2024)	Tamilnadu, Puducherry and Karaikal area.
Day 7	Light to moderate rain is likely to occur at one or two places over
(31.05.2024)	Tamilnadu, Puducherry and Karaikal area.

	TEMPERATURE FORECAST
	Maximum Temperature :
	25.05.2024 to 29.05.2024
	Maximum Temperature is likely to increase gradually by 2-3°C over Tamilnadu, Puducherry & Karaikal during the next five days (25.05.2024-29.05.2024)
Day 1	<u>25.05.2024</u>
(25.05.2024) to Day 5	Maximum Temperature is likely to be normal to slightly below normal at many pockets over Tamilnadu, Puducherry & Karaikal during the next 24 hours.
(29.05.2024)	26.05.2024
	Maximum Temperature is likely to be near normal at many pockets over Tamilnadu, Puducherry & Karaikal.
	27.05.2024 to 29.05.2024
	Maximum Temperature is likely to be normal to above normal during Day 3 (27.05.2024) to Day 5 (29.05.2024)

HEAVY RAINFALL WARNING					
Day 1 (25.05.2024)	Heavy rain is likely to occur at isolated places over Tenkasi , Tirunelveli and Kanyakumari districts.				

THUNDERSTORM WARNING						
Day 1 (25.05.2024)	Thunderstorm, lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.					
LOCA	LFORECASTFORCHENNAICITYAND NEIGHBOURHOOD					
For next 24	Sky condition is likely to be partly cloudy. Light to Moderate rain is likely to					
hours	occur in some areas. Maximum temperature is likely to be 38-39°C and					

	Minimum temperature is likely to be 29-30°C.
For next 48	Sky condition is likely to be partly cloudy. Maximum temperature is likely to
hours	be 39-40°C and Minimum temperature is likely to be 29-30°C.
	P. SENTHAMARAI
CANNAN,	CCIENTICT (E)
	SCIENTIST 'F' For Deputy Director General of Meteorology,
	Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:25-05-2024 (4 Jyaistha 1946 SAKA)												
	Temperature Degrees celsius			Humidity percentage		Rainfall						
	Max	Maximum Minim		nimum	At		Millimeters		Centimeters			
Stations	Past	Dep.	Past	Dep.	0830	Dep. from	Past	Seasons	Departure	Year's	Annual	Weather
Stations	24	from	24	from	Hrs	normal		total	from	เบเลเ	normal	remarks
	Hrs	normal	Hrs	normal	IST	noi ma	Hrs	from	normal	from	iioi iiiai	
	₀C	°C	.c	°C	%	%	mm	1-3- 2024	mm	1-1- 2024	cm	
Adiramapattinam	34.0	-0.5	26.7	-0.4	82	9	0.0	185.8	48.6	22	124	
Chennai	37.9	-0.3	30.7	2.3	67	2	0.0	18.2	-35.0	8	140	
Chennai_AP	39.5	0.4	29.0	1.0	62	0	0.0	12.4	-55.1	9	138	
Coimbatore_AP	28.4	-6.5	23.4	-0.6	90	12	1.8	222.9	120.4	24	59	r*
Coonoor	21.7	-3.3	16.4	0.2	83	14	0.0	541.4	247.8	69	159	
Cuddalore	35.2	-2.5	27.8	0.5	83	14	0.0	62.0	-7.7	22	134	
Dharmapuri	34.2	-2.6	24.5	-0.1	74	8	tr	184.2	28.2	19	91	d*
Erode	35.6	-3.1	20.5	-3.1	78	17	0.6	78.8		9		r*
Kanyakumari	31.0	-1.0	24.0	-2.0	98	19	34.7	309.7	178.4	32	75	r*
KarurParamathi	34.5	-1.6	20.5	-4.8	80	9	23.0	154.2	25.0	17	59	r*
Karaikal	35.0	-1.9	26.9	-0.5	93	21	0.0	96.8	4.1	33	150	
Kodaikanal	17.2	-4.5	13.0	-0.3	100	30	10.0	268.2	-36.4	35	158	r*
Madurai_City	34.4	-3.7	23.0	-2.6	23	-53	tr	137.6		14		d*
Madurai_AP	35.8	-2.9	26.5	0.0	88	27	0.8	116.9	-13.3	13	85	r*
Nagapattinam	35.9	-1.0	25.2	-2.3	76	2	0.0	89.4	-6.8	38	143	
Namakkal	33.5		17.5		NA		17.0	166.4		18		
Palayamkottai	31.8	-6.2	24.9	-1.3	83	15	11.4	96.0	-43.4	14	73	r*
Pamban	34.1	0.0	27.8	-0.4	73	-4	0.0	240.0	131.2	31	91	
Parangipettai	32.5		27.8		79		0.0	73.4	-1.9	22	139	
Puducherry	34.4	-3.5	27.8	0.4	81	10	0.0	56.2	-28.5	23	134	
Salem	33.8	-3.5	25.3	0.1	78	6	tr	229.2	86.0	23	102	d*
Thanjavur	35.0		28.0		69		0.0	26.8	-54.9	9	95	
Thirupattur	34.8	-3.2	24.2	-0.9	70	7	0.0	69.4	-47.0	7	95	
Tiruchirappalli_A P	35.1	-3.5	27.4	0.4	70	5	tr	213.0	112.2	23	87	d*
Tiruthani	39.1	-1.1	29.0	2.3	55	-1	0.0	36.2	-42.1	6	101	
Tondi	36.0	2.0	25.1	-2.1	77	4	0.0	220.2	92.3	25	88	
Thoothukudi	34.0	-1.0	NA		NA		NA				63	
Udagamandalam	19.1	-3.9	14.2	2.0	89	11	2.8	248.2	44.0	30	116	r*
Valparai	24.0	-3.3	16.0	-1.9	92	4	38.8	474.0	198.7	57	290	r*
Vellore	39.0	-0.4	29.0	3.0	62	-4	0.0	65.6	-36.3	9	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.

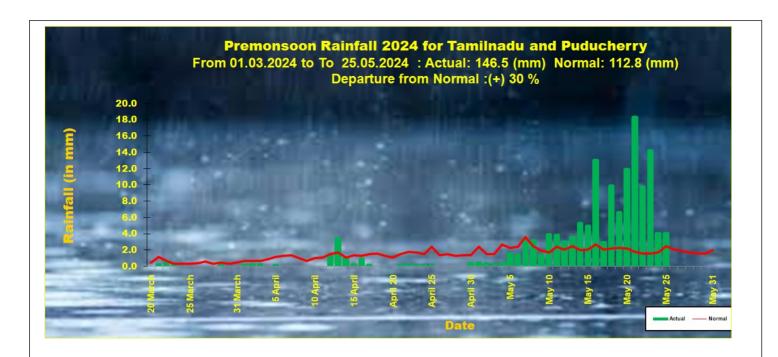
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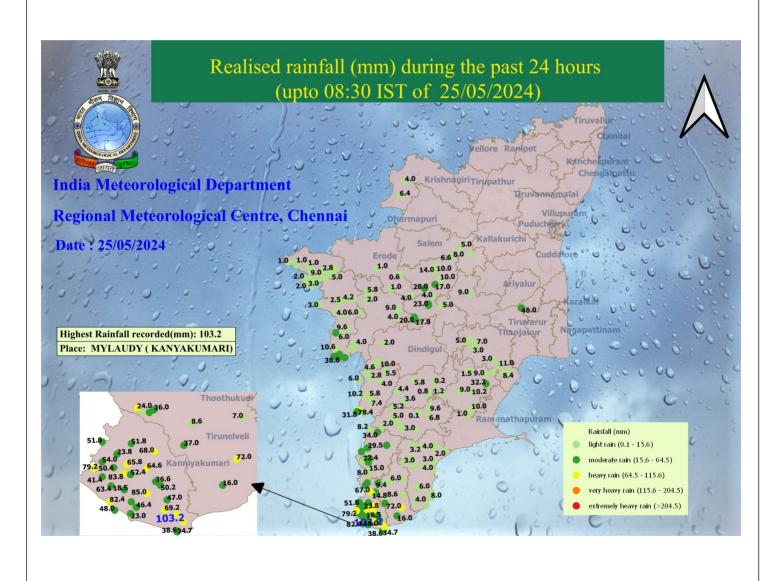
INDIA METEOROLOGICAL DEPARTMENT

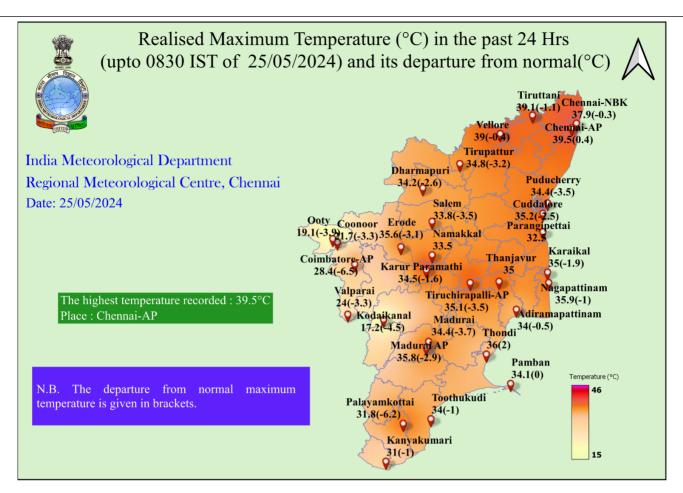
REGIONAL METEOROLOGICAL CENTRE, CHENNAI

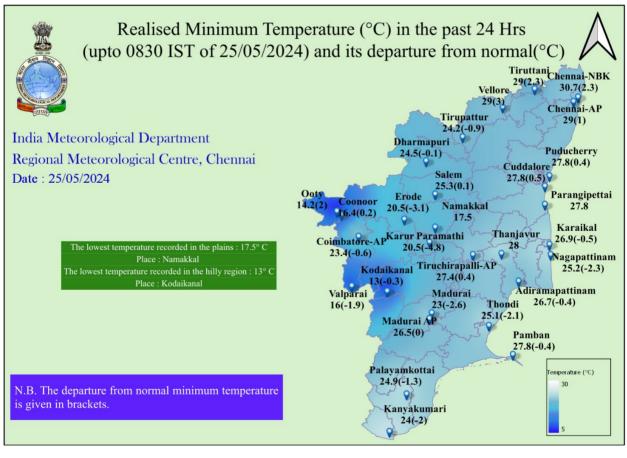
Districtwise dall	y / seasonal rainfall	distribution for	Tamii Nadu & Puc	lucherry
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DDI	E-MONSOON RAINFALL 2024		25.05.2024 From 01.03.2024 to 25.05.2024				
PRI	E-MONSOON KAINFALL 2024	25.05.2024					
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	4.1	2.5	59	146.8	112.9	30
31	MET. SUBDIVISIONS TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	2.5	-100	07.4	74.4	24
687	CHENGALPATTU	0.0	0.8	-100	97.1	74.1 51.0	31
461	CHENNAI	0.0	0.6	-100	31.6		-38 -59
462	COIMBATORE	9.5	2.9	227	18.1 275.0	44.4 144.3	91
463	CUDDALORE	0.0	1.1	-100			
464	DHARMAPURI	0.0	3.9	-100	80.6	71.6	13
465		1.7	3.7	-55	211.6	144.6	46 87
	DINDIGUL			-33	294.0	156.9	
466 688	ERODE KALLAKURICHI	0.4	3.3 1.5	-88	176.9	130.2	36
					55.4	72.6	-24
467 468	KANCHEEPURAM KANYAKUMARI	0.0 54.7	1.2 5.1	-100 972	22.0	61.7	-64
636	KARAIKAL		0.7	-100	445.3	243.2	83
		0.0	3.2	152	96.8	92.7	4
469	KARUR	8.1			139.0	101.0	38
470	KRISHNAGIRI	0.6	5.0	-88	135.4	130.4	4
471	MADURAI	0.4	3.1	-87	151.7	128.1	18
695	MAYILADUTHURAI	0.0	0.8	-100	87.4	79.8	10
472	NAGAPATTINAM	0.0	1.4	-100	103.6	86.6	20
473	NAMAKKAL	8.1	4.2	94	161.0	126.7	27
474	NILGIRIS	1.6	3.6	-57	316.6	189.1	67
475	PERAMBALUR	0.5	3.2	-86	81.2	80.6	1
476	PUDUCHERRY	0.0	1.2	-100	56.2	84.7	-34
477	PUDUKKOTTAI	1.9	2.4	-21	119.1	79.3	50
478	RAMANATHAPURAM	0.1	1.9	-97	166.5	104.0	60
689	RANIPET	0.0	1.6	-100	7.9	69.9	-89
479	SALEM	1.4	3.4	-57	175.8	143.2	23
480	SIVAGANGA	8.1	3.6	126	133.3	119.4	12
690	TENKASI	21.8	0.7	3019	154.6	173.9	-11
481	THANJAVUR	2.1	2.3	-9	118.8	89.2	33
482	THENI	12.7	2.0	533	209.9	161.8	30
483	TIRUNELVELI	27.5	0.7	3825	220.3	126.2	75
691	TIRUPATTUR	0.0	2.2	-100	121.9	96.4	26
535	TIRUPPUR	1.9	2.5	-24	148.8	116.2	28
484	TIRUVALLUR	0.0	0.9	-100	16.2	59.2	-73
485	TIRUVANNAMALAI	0.0	2.7	-100	87.2	86.1	1
486	TIRUVARUR	0.0	2.5	-100	150.8	97.2	55
488	TOOTHUKUDI	4.3	0.4	968	66.3	104.3	-36
487	TRICHY	0.4	3.3	-89	139.0	93.6	49
489	VELLORE	0.0	2.3	-100	71.8	90.8	-21
490	VILLUPURAM	0.0	1.1	-100	71.1	57.0	25
491	VIRUDHUNAGAR	4.3	2.6	64	165.0	138.2	19
	SUBDIVISION RAINFALL	4.0	2.5	59	146.5	112.8	30
EGEND	PDN*				arture from Norm		
	Rainfall for the 24 hrs ending at 0830 hrs of date						

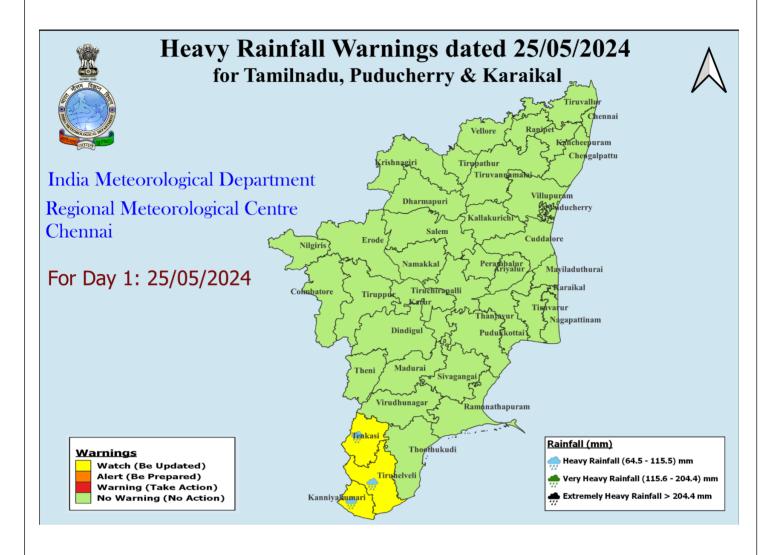








DAY 1 (25-05-2024)



<u>Legends:</u>

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 Ta mil 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 PDC	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar Puducherry and Karaikal

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