

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை
சென்னை - 600006
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: Sunday, December 25, 2022 (4 Pausa 1944)

Time of issue: 1300 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 one or two places over Tamilnadu; and over Puducherry & Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Chennai Collector Office 5, CD Hospital Tondaiarpatt (dist Chennai) 4, Chennai Meenambakkam, Chennai Nungambakkam, Kattapakkam (dist Kancheepuram) 3 each, Anna University (dist Chennai), MGR Nagar (dist Chennai), Poonamallee Arg (dist Tiruvallur), Hindustan University (dist Chengalpattu), DGP Office (dist Chennai), Poonamallee (dist Tiruvallur), Perambur (dist Chennai), Alandur (dist Chennai), Taramani Arg (dist Chennai), Ayanavaram Taluk Office (dist Chennai), Karaikal, ACS Medical College (dist Kancheepuram), Sriperumbudur (dist Kancheepuram), Sathyabama University ARG (dist Chengalpattu), Velankanni (dist Nagapattinam) 2 each, Nagapattinam (dist Nagapattinam), Tambaram (dist Chengalpattu), Ambattur (dist Tiruvallur), Chembarambakkam ARG (dist Tiruvallur), Sholinganallur (dist Chennai), Cuddalore (dist Cuddalore), Tarangambadi (dist Mayiladuthurai), Avadi (dist Tiruvallur), Puzhal ARG (dist Tiruvallur), Kodayakarai (dist Nagapattinam), Ponneri (dist Tiruvallur), Thamaraipakkam (dist Tiruvallur), Chengalpattu, Cholavaram (dist Tiruvallur), Cheyyar (dist Tiruvannamalai), Chidambaram AWS (dist Cuddalore), Thalaignayer (dist Nagapattinam), Chembarambakkam (dist Tiruvallur), Vedaranyam (dist Nagapattinam), Kancheepuram (dist Kancheepuram), Taluk Office Kundrathur (dist Kancheepuram) 1 each.

DESCRIPTION OF TEMPERATURE:

Tirupattur recorded the lowest minimum temperature of 18.4 °C in the plains of the subdivision.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly fall (-4.1° C or less)	-----
Appreciable fall (-2.1° C to -4.0°)	-----
Appreciable rise (2.1 ° C to 4.0°)	Over Karur, Salem, Tiruchirapalli and Tiruvallur districts.
Markedly rise (4.1° c or more)	Over Dharmapuri district.
No large change (-2.0° C to 2.0° C)	Over rest of the subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	Over Cuddalore, Dharmapuri, Tiruchirapalli and Tiruvarur districts.
Above Normal (1.6 ° C to 3.0 ° C)	Over Chennai, Coimbatore, Thanjavur, Nilgiris, Karur, Madurai, Nilgiris, Ramanathapuram and Vellore districts.
Below normal (-1.6 ° to -3.0 ° C)	-----
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 subdivision.

Synoptic Meteorological feature: Yesterday's **Depression** over Southwest Bay of Bengal off Sri Lanka coast moved southwestwards and lay centered at 0830 hours IST of 25th December over Southwest Bay of Bengal and adjoining Sri Lanka coast near latitude 8.8°N and longitude 82.0°E about 80 km east-northeast of Trincomalee (Sri Lanka), 140 km southeast of Jaffna (Sri Lanka), 320 km southeast of Nagapattinam and 510 km south-southeast of Chennai. It is likely to continue to move southwestwards and cross Sri Lanka coast to the south of Trincomalee around noon of today, the 25th December. Thereafter, it would move west-southwestwards and emerge into Comorin Area & neighbourhood by tomorrow, the 26th December morning.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(25-12-2022)	Light to moderate rain at many places with isolated thunderstorm & lightning is likely to occur over Coastal Tamilnadu, Puducherry & Karaikal area. Light to moderate rain at a few places with isolated thunderstorm & lightning is likely to occur over Interior Tamilnadu. Heavy rain is likely to occur at isolated places over Thoothukudi, Ramanathapuram, Sivaganga, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam and Mayiladuthurai districts of Tamilnadu and Karaikal area.
Day 2(26-12-2022)	Light to moderate rain at many places with isolated thunderstorm & lightning is likely to occur over South Tamilnadu. Light to moderate rain at a few places with isolated thunderstorm & lightning is likely to occur over North Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Theni, Tenkasi, Virudhunagar, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari, Sivaganga, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam and Mayiladuthurai districts of Tamilnadu and Karaikal area.
Day 3(27-12-2022)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.
Day 4(28-12-2022) & Day 5(29-12-2022)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.

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 26-27 °C and 23 °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 28-29 °C and 23-24 °C respectively.

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

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:25-12-2022 (4 Pausa 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	31.6	2.1	23.2	1.8	95	9	1.3	430.4	-241.7	157	124	r
Chennai	30.1	1.4	24.2	2.7	95	13	27.3	951.6	117.2	158	140	r
Chennai_AP	29.9	1.1	23.8	2.6	95	12	28.2	928.5	108.8	149	138	r
Coimbatore_AP	32.5	3.0	20.6	1.9	75	-8	0	180.9	-110.2	55	59	m*
Coonoor	24.0	4.7	12.0	1.9	88	13	0	629.8	-221.0	169	159	
Cuddalore	30.5	1.6	24.2	3.1	98	12	12.3	884.6	37.2	147	134	r
Dharmapuri	28.7	0.7	21.0	3.2	84	4	0	345.0	30.3	105	91	
Erode	34.6	--	20.0	--	79	--	0	316.2	--	113	--	
Kanyakumari	33.0	2.4	23.8	0	68	-3	0	255.6	-125.3	53	75	
KarurParamathi	34.5	5.1	22.0	2.5	73	-12	0	342.2	21.7	76	59	
Karaikal	29.4	1.1	23.6	1.1	98	13	13.8	694.3	-284.9	125	150	r
Kodaikanal	19.7	2.1	9.4	0.7	100	36	0	679.7	68.6	229	158	
Madurai City	32.2	1.6	21.4	-0.3	71	-8	0	503.8	--	125	--	
Madurai_AP	34.0	4.0	23.8	2.9	66	-12	0	366.2	8.8	106	85	
Nagapattinam	29.3	0.4	23.6	0.9	100	14	14.8	535.6	-416.4	129	143	r
Namakkal	34.0	--	19.0	--	--	--	0	481.3	--	--	--	
Palayamkottai	33.8	3.3	23.9	1.2	29	-54	0	306.8	-162.7	61	73	
Pamban	30.6	1.9	23.2	-1.0	89	7	0	532.3	-142.0	95	91	
Parangipettai	29.5	--	23.0	--	96	--	4.2	895.2	-38.3	151	139	r
Puducherry	30.4	0.9	22.6	1.5	98	9	3.8	663.5	-156.3	123	134	r
Salem	32.0	1.3	20.8	1.5	74	-3	0	321.5	9.7	123	102	z*
Thanjavur	31.0	1.4	23.8	2.7	79	-11	0	447.2	-132.7	103	95	
Thirupattur	28.2	-0.8	18.4	0.3	88	5	tr	444.5	185.1	144	95	d*
Tiruchirappalli_AP	31.9	2.4	25.0	4.0	75	-7	0	257.7	-132.9	89	87	m*
Tiruthani	30.0	0.9	23.0	4.3	87	8	2.2	493.4	35.2	113	101	r
Tondi	32.9	3.2	23.6	1.7	84	0	0	427.0	-94.9	91	88	
Thoothukudi	NA	--	NA	--	NA	--	NA	--	--	--	63	
Udagamandalam	22.9	1.8	8.1	1.5	88	20	0	416.2	45.4	184	116	
Valparai	28.0	--	12.5	--	94	--	0	778.0	362.6	500	--	
Vellore	29.9	1.2	19.3	1.6	93	4	3.4	400.5	22.8	107	103	r

*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

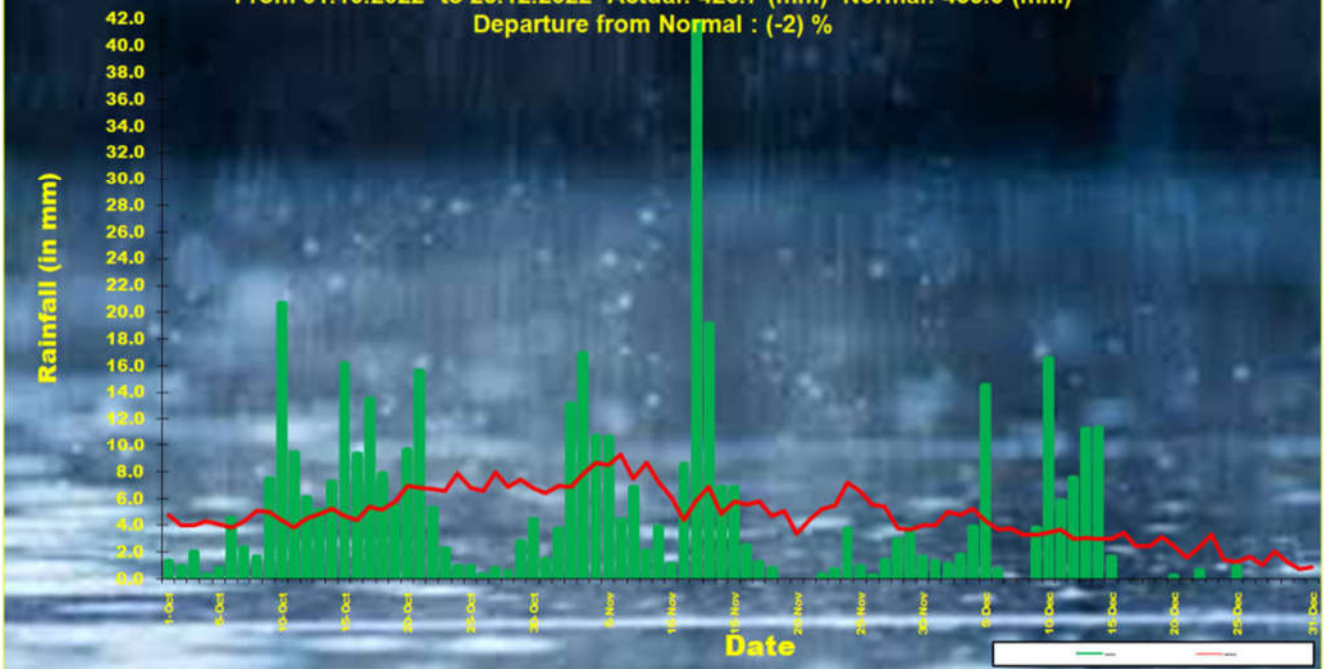
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		25.12.2022			From 01.10.2022 to 25.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.8	1.3	-37	425.9	433.5	-2
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0	1.4	-100	385	493.2	-22
687	CHENGALPATTU	7.2	1	622	731.6	696.4	5
461	CHENNAI	25.6	2.4	968	910.3	788.8	15
462	COIMBATORE	0	0.5	-100	458	332.7	38
463	CUDDALORE	1.2	2.7	-55	600.9	687.7	-13
464	DHARMAPURI	0	0.4	-100	345.2	311.9	11
465	DINDIGUL	0	1.4	-100	514.6	449.7	14
466	ERODE	0	0.3	-100	473.7	303.8	56
688	KALLAKURICHI	0	1.9	-100	355.4	447.6	-21
467	KANCHEEPURAM	6.4	0.7	809	789.8	579.3	36
468	KANYAKUMARI	0	0.6	-100	533.8	525.5	2
636	KARAIKAL	18.3	7.4	147	703.1	978.9	-28
469	KARUR	0	0.5	-100	312.8	308.4	1
470	KRISHNAGIRI	0	0.2	-100	363	276.4	31
471	MADURAI	0	0.6	-100	410.4	363	13
695	MAYILADUTHURAI	4.7	5.3	-12	914.7	868.6	5
472	NAGAPATTINAM	9.9	5.3	86	627.7	908.6	-31
473	NAMAKKAL	0	0.2	-100	370.9	267.9	38
474	NILGIRIS	0	1.2	-100	411.9	493	-16
475	PERAMBALUR	0	2.6	-100	350.8	425.7	-18
476	PUDUCHERRY	3.8	3.7	3	663.8	819.8	-19
477	PUDUKKOTTAI	0	0.7	-100	298.1	379.3	-21
478	RAMANATHAPURAM	0	2.9	-100	379.2	517.6	-27
689	RANIPET	1.4	1.2	14	432.6	399.3	8
479	SALEM	0	0.5	-100	345.4	328.4	5
480	SIVAGANGA	0	1	-100	366.6	414.7	-12
690	TENKASI	0	1.1	-100	370.6	455.4	-19
481	THANJAVUR	0.1	2.5	-98	445.4	567	-21
482	THENI	0	0.3	-100	393.5	357.5	10
483	TIRUNELVELI	0	2	-100	359.8	500.3	-28
691	TIRUPATTUR	0	0.7	-100	395.6	263.1	50
535	TIRUPPUR	0	0.2	-100	369.5	301.7	22
484	TIRUVALLUR	7.8	1	680	701.3	611.6	15
485	TIRUVANNAMALAI	1.8	2.1	-14	471.2	442	7
486	TIRUVARUR	0.5	3.5	-86	470.1	705.8	-33
488	TOOTHUKUDI	0	1.7	-100	289.4	431.9	-33
487	TRICHY	0	0.7	-100	274.3	373.1	-26
489	VELLORE	2.7	2	36	311.9	369.6	-16
490	VILLUPURAM	0.2	2.9	-95	463.4	520.5	-11
491	VIRUDHUNAGAR	0	0.8	-100	400.5	389.8	3
	SUBDIVISION RAINFALL	0.9	1.3	-34	426.7	435	-2
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

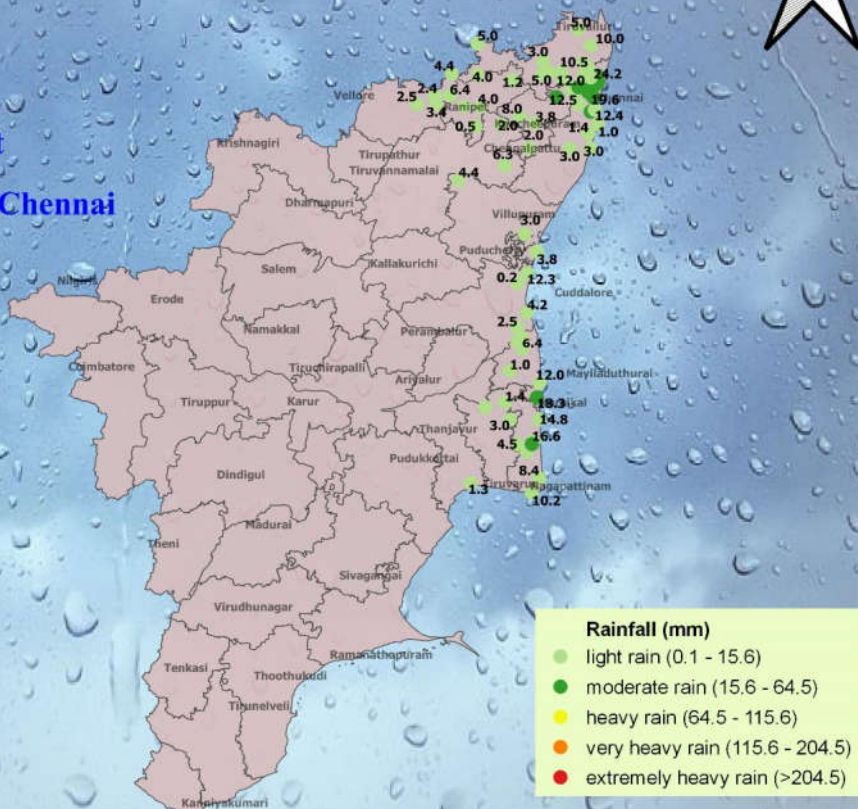
NE Monsoon Rainfall 2022 for Tamilnadu and Puducherry
 From 01.10.2022 to 25.12.2022 Actual: 426.7 (mm) Normal: 435.0 (mm)
 Departure from Normal : (-2) %



Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 25/12/2022)



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 25/12/2022



Rainfall (mm)

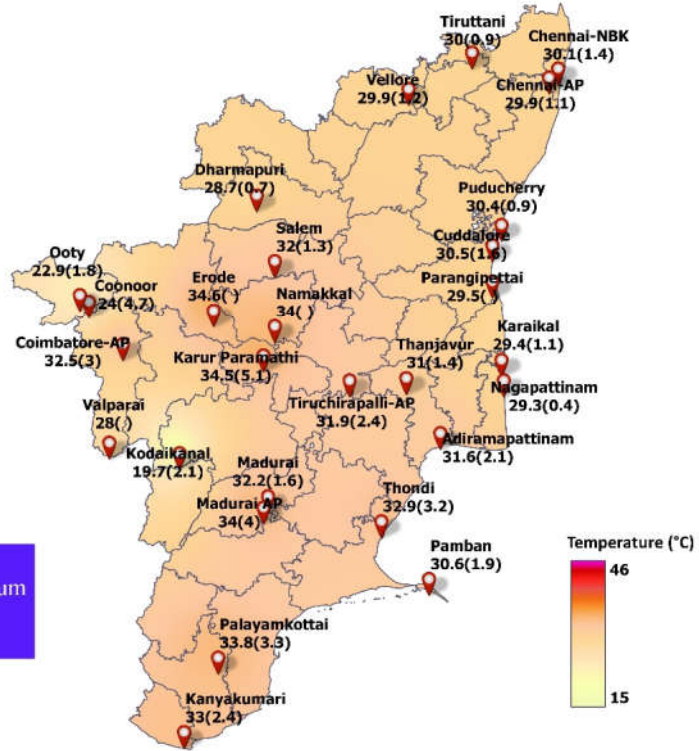
- light rain (0.1 - 15.6)
- moderate rain (15.6 - 64.5)
- heavy rain (64.5 - 115.6)
- very heavy rain (115.6 - 204.5)
- extremely heavy rain (>204.5)



Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 25/12/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 25/12/2022



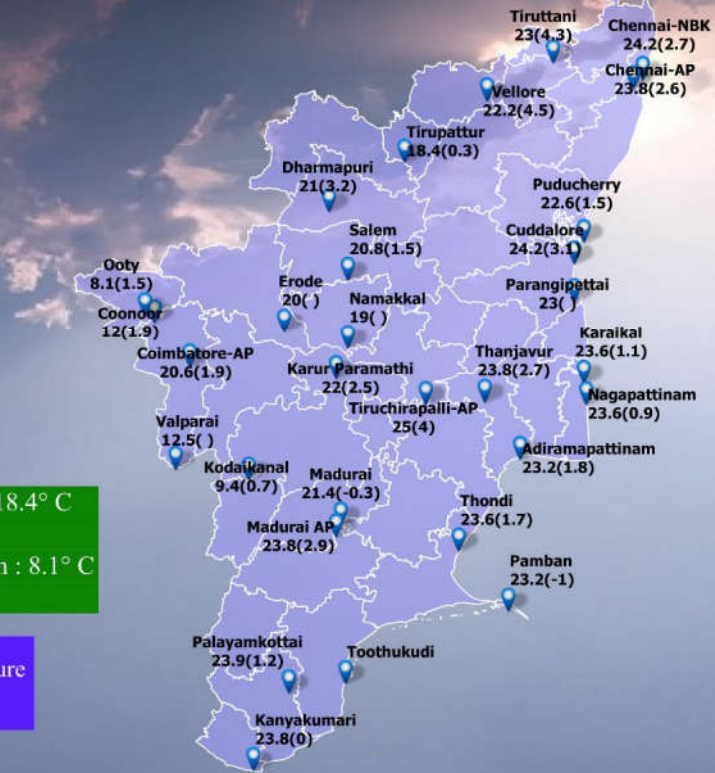
The highest temperature recorded : 34.6°C
Place : Erode

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 25/12/2022) and its departure from normal(°C)



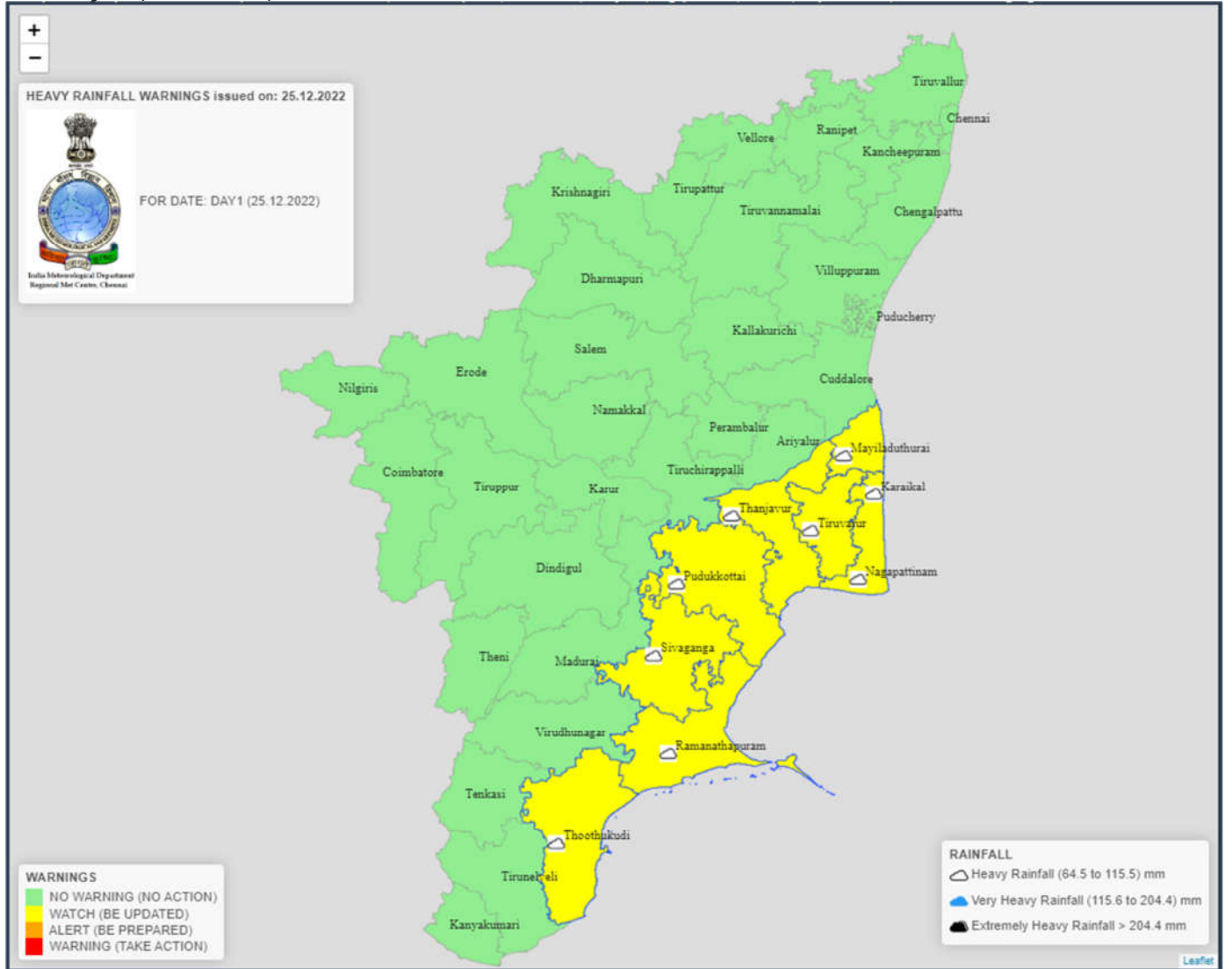
India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 25/12/2022



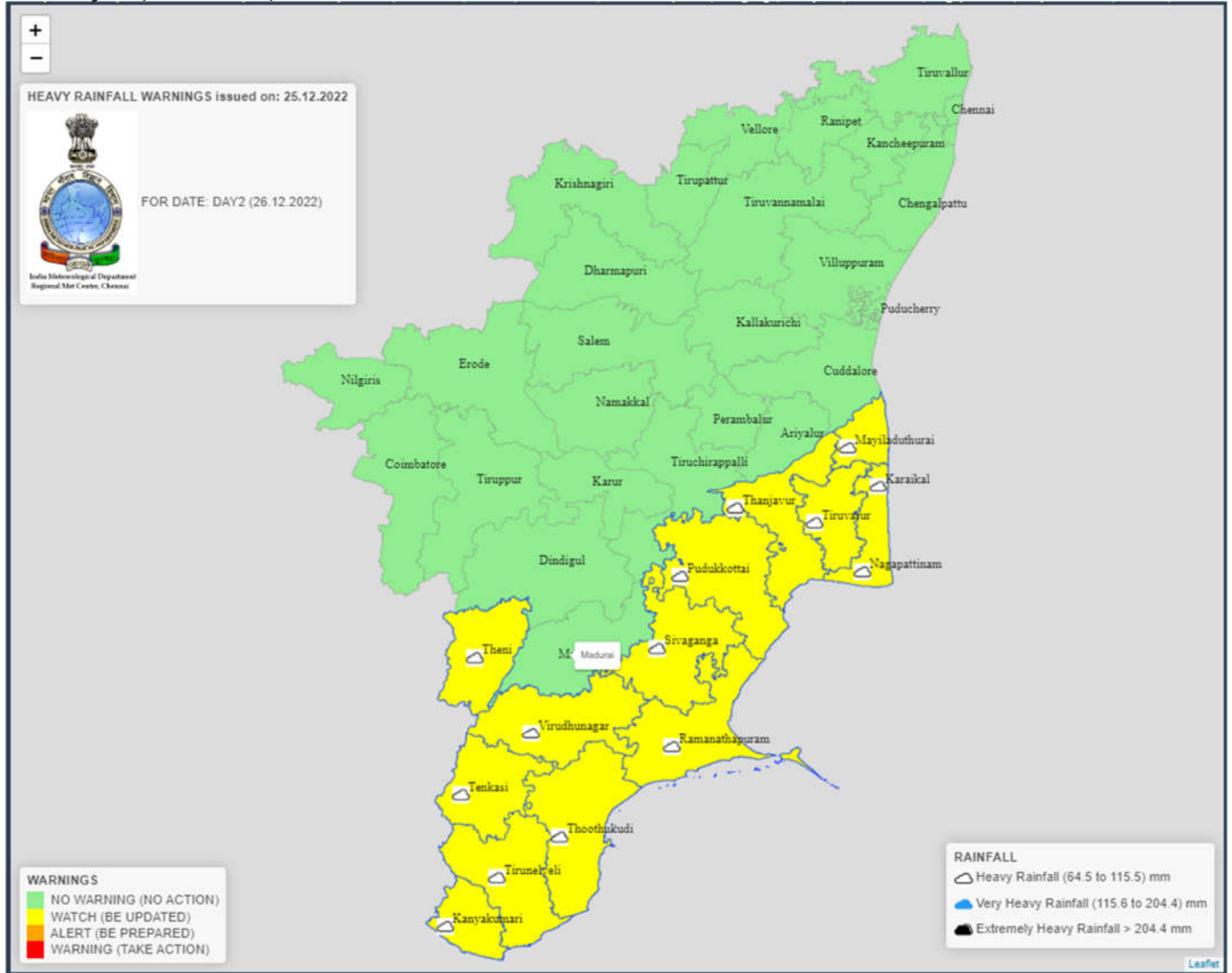
The lowest temperature recorded in the plains : 18.4° C
Place : TIRUPATTUR
The lowest temperature recorded in the hilly region : 8.1° C
Place : Ooty

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

For Day-1 (25.12.2022)



For Day-2 (26.12.2022)



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, 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