

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை
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தொலைபேசி : 044- 28271951



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: Monday, January 30, 2023 (10 Magha 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 isolated places over Tamilnadu and Karaikal area. Dry weather prevailed over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Sirkali (dist Mayiladuthurai), Sembanarkoil (dist Mayiladuthurai), Chidambaram AWS (dist Cuddalore) 2 each, Karaikal (dist Karaikal), Kollidam (dist Mayiladuthurai), Mayiladuthurai (dist Mayiladuthurai) 1 each.

DESCRIPTION OF TEMPERATURE:

Namakkal recorded the lowest minimum temperature of 14.0 °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 Coimbatore, Tiruvallur, Salem and Madurai districts.
Markedly rise (4.1° c or more)	Over Vellore 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 Tiruvallur, Cuddalore and Chennai districts.
Above Normal (1.6 ° C to 3.0 ° C)	Over Coimbatore, Tiruchirapalli and Thanjavur 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 Well-marked Low pressure area over Southeast Bay of Bengal & adjoining East Equatorial Indian Ocean moved west-northwestwards, concentrated into a depression and lay centered at 0830 IST of today, the 30th January, 2023 over Southeast & adjoining Southwest Bay of Bengal near latitude 7.7°N and longitude 87.2°E, about 670 km east-southeast of Trincomalee (Sri Lanka), 810 km east-northeast of Colombo (Sri Lanka) and 880 km east-southeast of Karaikal (India). It is very likely to move west-northwestwards till 31st January evening, then recurve south-southwestwards and cross Sri Lanka coast in the forenoon of 01st February.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1 (30-01-2023)	Light /moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal.
Day 2 (31-01-2023)	Light /moderate rain is likely to occur at a few places with thunderstorm & lightning at one or two places over Coastal Tamilnadu, Puducherry and Karaikal area. Light /moderate rain is likely to occur at isolated places with thunderstorm & lightning at one or two places over interior Tamilnadu.
Day 3 (01-02-2023)	Light /moderate rain is likely to occur at many places with thunderstorm & lightning at one or two places over South Tamilnadu. Light /moderate rain is likely to occur at isolated places with thunderstorm & lightning at one or two places over North Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thoothukudi, Ramanathapuram, Sivaganga, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Cuddalore districts of Tamilnadu and Karaikal.
Day 4 (02-02-2023)	Light /moderate rain is likely to occur at many places with thunderstorm & lightning at one or two places over South Tamilnadu. Light /moderate rain is likely to occur at isolated places with thunderstorm & lightning at one or two places over North Tamilnadu, Puducherry and Karaikal area.
Day 5 (03-02-2023)	Light /moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around **30-31 °C** and **24 °C** respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around **30-31 °C** and **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:30-01-2023 (10 Magha 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	1-1-2023	mm	1-1-2023	cm	
Adiramapattinam	30.5	-0.4	22.7	1.9	90	4	tr	23.8	-2.8	2	124	d
Chennai	30.0	0.2	25.0	3.9	92	12	3.2	4.1	-15.2	Tr	140	r
Chennai_AP	30.5	0.5	23.9	3.1	90	8	4.8	5.7	-19.4	1	138	r
Coimbatore_AP	32.2	0.6	20.4	1.7	75	-5	0	0	-2	0	59	m*
Coonoor	21.0	0.5	10.8	1.0	74	6	0	18.4	-22.1	2	159	
Cuddalore	30.0	0.3	24.0	3.5	91	6	0	2.6	-35	Tr	134	
Dharmapuri	29.7	-0.7	NA	--	81	4	0	0	-3.9	0	91	z*
Erode	34.6	--	18.2	--	84	--	0	0	--	0	--	
Kanyakumari	32.6	1.1	23.3	-0.4	72	3	0	1.4	-10.5	Tr	75	
KarurParamathi	34.0	2.3	18.0	-0.9	91	10	0	0	-5.1	0	59	
Karaikal	29.5	0.3	22.7	0.3	98	15	13.6	14.5	-29	1	150	r
Kodaikanal	20.1	1.5	7.4	-0.8	89	31	0	19	-6.5	2	158	
Madurai city	31.8	0.1	19.6	-1.4	80	3	0	1.4	--	1.4	--	
Madurai_AP	32.4	0.7	21.6	1.0	82	5	0	1.4	-13.1	Tr	85	m*
Nagapattinam	30.0	0.7	23.6	1.0	93	11	0.8	2.1	-44.3	Tr	143	r
Namakkal	32.0	--	14.0	--	--	--	0	0	--	0	--	
Palayamkottai	31.8	-0.4	23.1	0.6	69	-13	0	13.2	-5.2	1	73	
Pamban	29.6	0.2	23.0	-1.0	95	17	tr	17.7	-30.2	2	91	d
Parangipettai	32.2	--	24.0	--	93	--	0	27.5	-6.6	3	139	
Puducherry	31.9	1.7	21.7	0.9	93	6	0	0.4	-17.8	Tr	134	z*
Salem	32.6	-0.4	19.0	-0.3	81	8	0	0	-2	0	102	z*
Thanjavur	30.0	-1.7	22.8	2.4	74	-11	0	3	-9.4	Tr	95	
Thirupattur	29.8	-1.8	18.6	1.3	95	13	0	0	-1.9	0	95	m*
Tiruchirappalli_AP	30.5	-0.7	22.4	1.7	83	3	0	5.7	-4.2	1	87	m*
Tiruthani	30.6	-0.4	21.6	4.7	82	4	0	0	-11.8	0	101	m*
Tondi	30.8	0.6	22.6	1.1	91	8	0	5.5	-21.6	1	88	z*
Thoothukudi	NA	--	21.8	0.3	78	-6	0	10.4	-2.7	1	63	
Udagamandalam	23.0	1.3	6.4	0.5	62	4	0	1.2	-5.1	Tr	116	
Valparai	26.5	--	10.5	--	90	--	0	30.4	25.6	3	--	
Vellore	30.5	-0.2	22.2	4.5	86	-1	0	0	-8.6	0	103	m*

*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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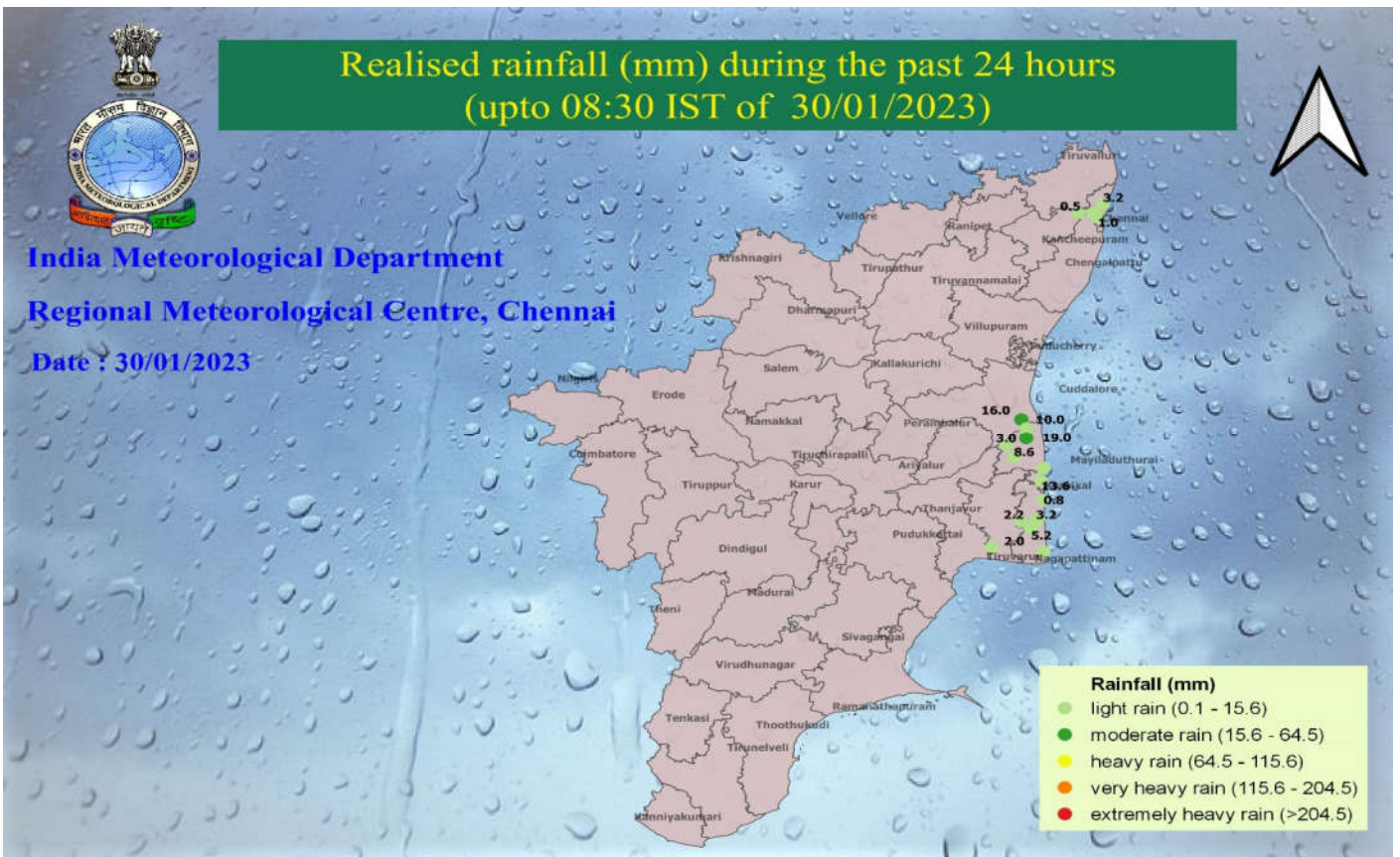
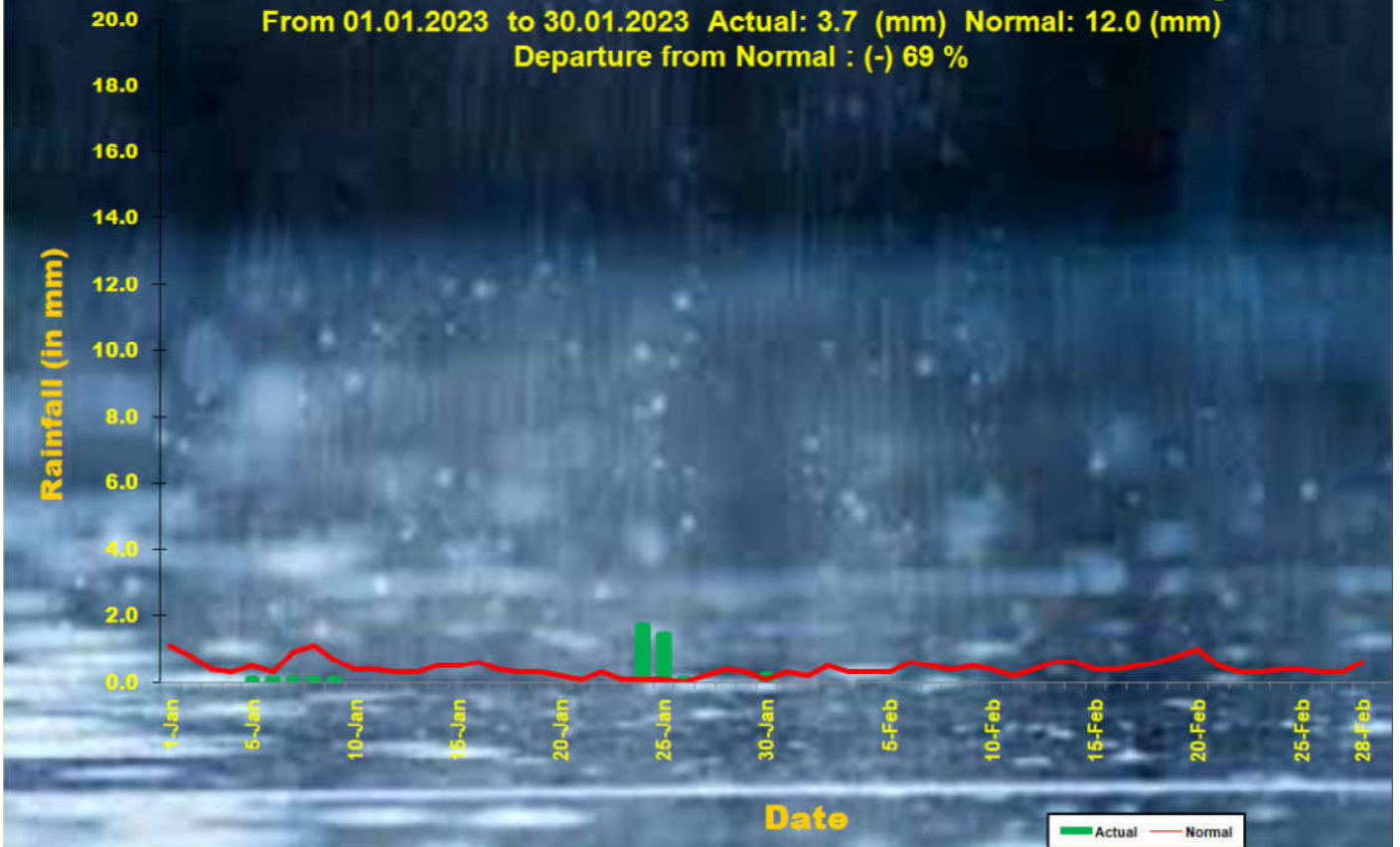
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

WINTER-MONSOON RAINFALL 2022		30.01.2023			From 01.01.2023 to 30.01.2023		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.1	0.2	-29	3.7	12.0	-69
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	0.3	-100	1.7	16.0	-89
687	CHENGALPATTU	0.0	0.1	-100	1.8	14.0	-87
461	CHENNAI	0.8	0.1	650	1.9	22.8	-92
462	COIMBATORE	0.0	0.1	-100	12.6	6.7	89
463	CUDDALORE	0.6	0.1	515	5.1	24.7	-79
464	DHARMAPURI	0.0	0.0	-100	0.0	3.8	-100
465	DINDIGUL	0.0	0.2	-100	4.3	11.2	-62
466	ERODE	0.0	0.0	-100	0.0	3.4	-100
688	KALLAKURICHI	0.0	0.3	-100	0.0	11.8	-100
467	KANCHEEPURAM	0.0	0.0	-100	0.5	11.6	-96
468	KANYAKUMARI	0.0	0.3	-100	6.5	14.8	-56
636	KARAIKAL	13.6	0.1	13500	14.5	43.5	-67
469	KARUR	0.0	0.0	-100	0.0	4.3	-100
470	KRISHNAGIRI	0.0	0.0	-100	0.0	2.6	-100
471	MADURAI	0.0	0.1	-100	0.9	10.0	-91
695	MAYILADUTHURAI	9.1	0.1	9020	11.4	32.8	-65
472	NAGAPATTINAM	3.4	0.2	1614	23.8	41.9	-43
473	NAMAKKAL	0.0	0.0	-100	0.2	4.2	-95
474	NILGIRIS	0.0	0.3	-100	10.1	17.4	-42
475	PERAMBALUR	0.0	0.0	-100	0.0	9.3	-100
476	PUDUCHERRY	0.0	0.0	-100	0.4	18.2	-98
477	PUDUKKOTTAI	0.0	0.2	-100	0.6	9.7	-94
478	RAMANATHAPURAM	0.0	0.2	-100	6.7	27.3	-75
689	RANIPET	0.0	0.0	-100	0.0	7.9	-100
479	SALEM	0.0	0.1	-100	0.0	3.7	-100
480	SIVAGANGA	0.0	0.1	-100	0.7	12.6	-94
690	TENKASI	0.0	0.8	-100	16.6	20.1	-17
481	THANJAVUR	0.0	0.1	-100	5.5	20.4	-73
482	THENI	0.0	0.1	-100	3.2	12.0	-73
483	TIRUNELVELI	0.0	0.4	-100	16.9	27.5	-39
691	TIRUPATTUR	0.0	0.0	-100	0.0	2.9	-100
535	TIRUPPUR	0.0	0.1	-100	0.0	3.6	-100
484	TIRUVALLUR	0.1	0.2	-32	0.7	14.5	-95
485	TIRUVANNAMALAI	0.0	0.1	-100	0.3	9.0	-97
486	TIRUVARUR	0.2	0.1	122	2.9	28.5	-90
488	TOOTHUKUDI	0.0	0.5	-100	8.7	15.3	-43
487	TRICHY	0.0	0.1	-100	1.7	7.5	-78
489	VELLORE	0.0	0.1	-100	0.0	6.5	-100
490	VILLUPURAM	0.0	0.0	-100	0.1	10.7	-99
491	VIRUDHUNAGAR	0.0	0.3	-100	9.8	14.5	-32
	SUBDIVISION RAINFALL	0.2	0.1	59	3.7	12.0	-69
LEGEND	PDN*	Percentage Departure from Normal					
		Rainfall for the 24 hrs ending at 0830 hrs of date					

Winter Monsoon Rainfall 2023 for Tamilnadu and Puducherry
 From 01.01.2023 to 30.01.2023 Actual: 3.7 (mm) Normal: 12.0 (mm)
 Departure from Normal : (-) 69 %



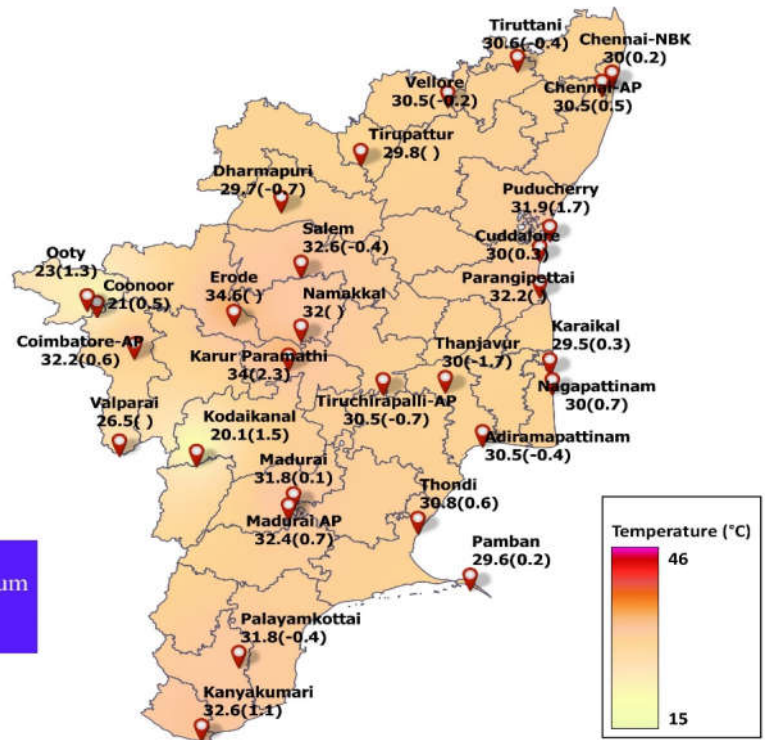


Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 30/01/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai

Date: 30/01/2023



The highest temperature recorded : 34.6°C
Place : Erode

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

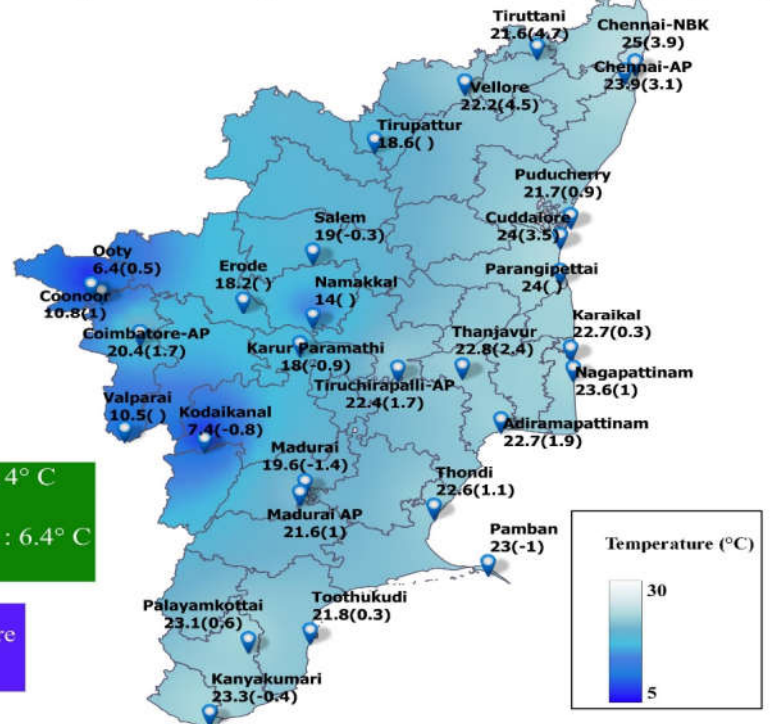


Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 30/01/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai

Date : 30/01/2023



The lowest temperature recorded in the plains : 14° C
Place : Namakkal
The lowest temperature recorded in the hilly region : 6.4° C
Place : Ooty

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

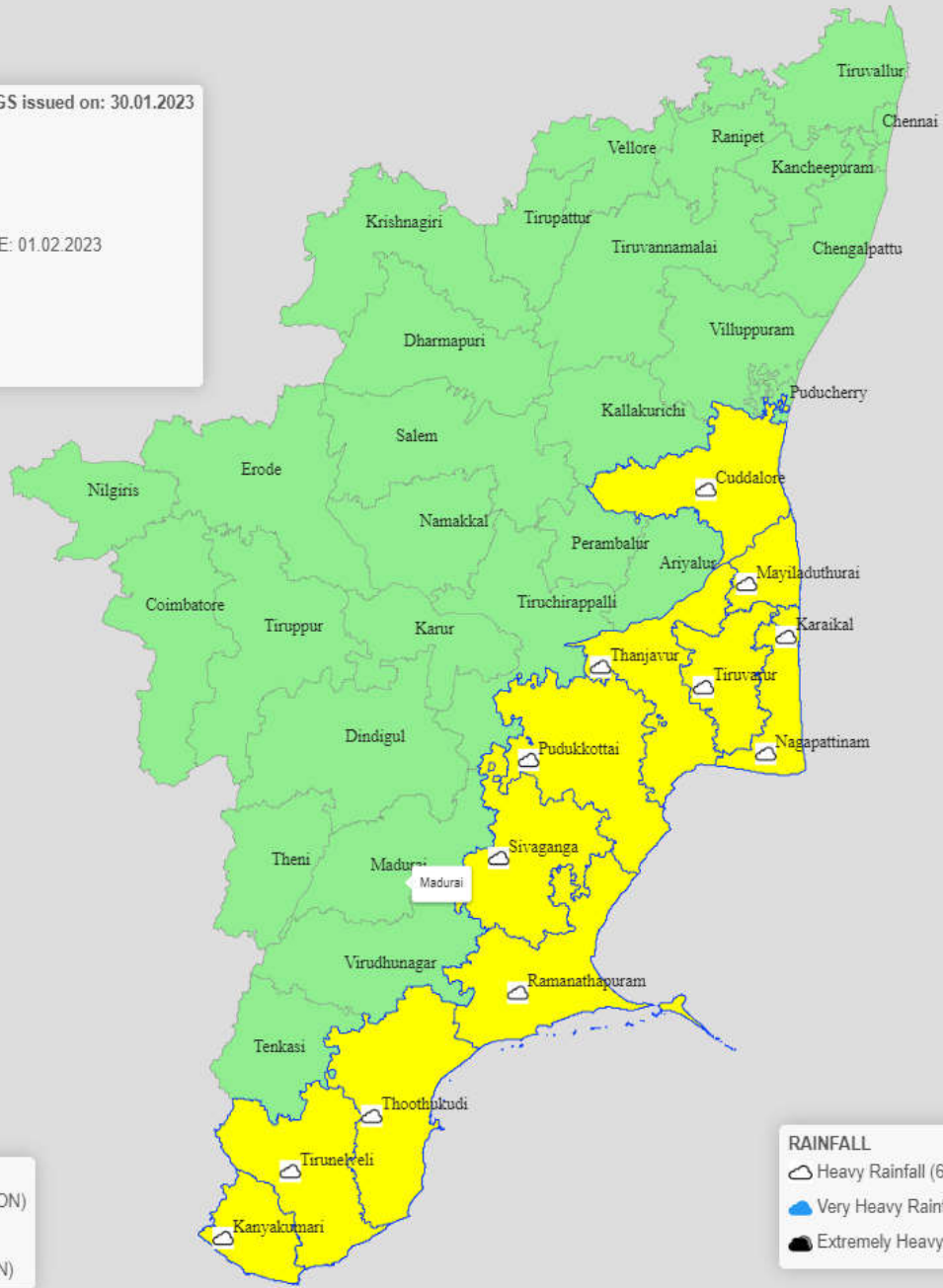
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HEAVY RAINFALL WARNINGS issued on: 30.01.2023



FOR DATE: 01.02.2023



WARNINGS

- NO WARNING (NO ACTION)
- WATCH (BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)

RAINFALL

- Heavy Rainfall (64.5 to 115.5) mm
- Very Heavy Rainfall (115.6 to 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, 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