

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

DATE: Wednesday, December 7, 2022 (16 Agrahayana 1944)

Time of issue: 1330 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. Dry weather prevailed over Puducherry and Karaikal area.

**CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: NIL.**

**DESCRIPTION OF TEMPERATURE:**

Namakkal & Periyakulam recorded lowest minimum temperature of 19.0 °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°)	-----
Markedly rise (4.1° c or more)	-----
No large change (-2.0° C to 2.0° C)	Over the subdivision.

**MINIMUM TEMPERATURE (DEPARTURE):**

Markedly above normal (5.1 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	Over Vellore;
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Coimbatore, Cuddalore, Dharmapuri, Madurai, Thanjavur, Tirupattur, Tiruchirapalli, Tiruvallur, Ramanathapuram and Thoothukudi;
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 the rest of subdivision.

**Synoptic Meteorological feature:**

Yesterday's Well marked pressure area over Southeast Bay of Bengal moved west-northwestwards and concentrated into a Depression over Southeast Bay of Bengal at 1730 IST of 06-12-2022 and intensified into a deep depression at 0530 IST of today (07-12-2022). It is likely to continue to move

west-northwestwards, intensify further gradually into a Cyclonic Storm around 7<sup>th</sup> December evening and reach Southwest Bay of Bengal off north Tamilnadu - Puducherry & adjoining south Andhra Pradesh coasts by 08<sup>th</sup> December morning. It will continue to move west-northwestwards towards north Tamilnadu - Puducherry & adjoining south Andhra Pradesh coasts during subsequent 48 hours.

#### **FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS**

<b>Day 1(07-12-2022)</b>	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.
<b>Day 2(08-12-2022)</b>	Light to moderate rain at many places is likely to occur over coastal Tamilnadu, Puducherry & Karaikal area. Light to moderate rain at a few places is likely to occur over interior Tamilnadu. <b>Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur and Pudukkottai districts of Tamilnadu and Karaikal. Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Kallakurichi, Perambalur, Ariyalur, Tiruchirappalli, Sivaganga and Ramanathapuram districts of Tamilnadu and Puducherry.</b>
<b>Day 3(09-12-2022)</b>	Light to moderate rain at most places is likely to occur over Tamilnadu, Puducherry & Karaikal area. <b>Heavy to very heavy rain at a few places with extremely heavy falls at one or two places is likely to occur over Kancheepuram, Chengalpattu and Villupuram districts of Tamilnadu and Puducherry. Extremely heavy rain is also likely to occur at one or two places.</b> <b>Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu. Heavy rain is likely to occur at isolated places over Dharmapuri, Salem, Namakkal, Karur, Tiruchirappalli, Perambalur, Ariyalur, Mayiladuthurai, Karaikal, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Sivaganga, Madurai and Dindigul districts of Tamilnadu and Karaikal.</b>
<b>Day 4(10-12-2022)</b>	Light to moderate rain at many places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry & Karaikal area. <b>Heavy to very heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Tirupattur, Vellore, Ranipet, Tiruvannamalai, Chengalpattu, Kancheepuram, Chennai and Tiruvallur districts of Tamilnadu. Heavy rain is likely to occur at isolated places over Nilgiris, Erode, Salem, Kallakurichi and Villupuram districts of Tamilnadu and Puducherry.</b>
<b>Day 5(11-12-2022)</b>	Light to moderate rain at many places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry & Karaikal area. <b>Heavy rain is likely to occur at isolated places over Tiruvallur, Kancheepuram, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Krishnagiri, Dharmapuri, Kallakurichi, Salem, Namakkal, Erode, Karur, Tiruchirappalli, Nilgiris, Coimbatore, Tiruppur, Dindigul, Theni, Madurai, Virudhunagar and Tenkasi districts of Tamilnadu.</b>

**WIND WARNING**

<b>Day 2(08-12-2022)</b>	Strong winds speed reaching 40-50 kmph gusting to 60 kmph likely to prevail along coastal Tamilnadu, Puducherry & Karaikal.
<b>Day 3(09-12-2022)</b>	Strong winds speed reaching 50-60 kmph gusting to 70 kmph likely to prevail over northern parts of coastal Tamilnadu, Puducherry & Karaikal from morning; wind speed will gradually increase to gale wind speed of the order of 60-70 kmph gusting to 80 kmph by the evening and continue till 10 <sup>th</sup> morning. Strong winds speed reaching 40-50 kmph gusting to 60 kmph likely over southern parts of coastal Tamilnadu.

**LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:**

**For next 24 HRS:** Sky condition is likely to be generally cloudy. Light/moderate rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around **29-30°C** and **23-24°C** respectively.

**For next 48 HRS:** Sky condition is likely to be generally cloudy. Moderate rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around **29°C** and **23°C** respectively.

**P. SENTHAMARAI KANNAN**  
**SCIENTIST 'E'**

**For Deputy Director General of Meteorology**  
**Regional Meteorological Centre, Chennai**

**For more details visit [www.mausam.imd.gov.in/chennai](http://www.mausam.imd.gov.in/chennai)**

## OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:07-12-2022 (16 Agrahayana 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	
Adiramapattinam	29.5	0.0	23.2	1.5	88	3	0	388.8	-178.8	153	124	m*
Chennai	30.3	1.4	24.0	2.4	80	-1	0	697.8	-50.5	133	140	m*
Chennai_AP	29.1	0.2	23.4	2.0	82	-1	0	656.8	-84.2	122	138	
Coimbatore_AP	29.0	-0.5	20.4	1.5	91	9	0	166.6	-106.5	53	59	m*
Coonoor	18.0	-2.2	10.4	0.1	61	-8	0	465.0	-300.9	153	159	
Cuddalore	29.2	0.2	23.8	2.7	90	4	0	796.1	60.9	139	134	z*
Dharmapuri	28.0	0.2	20.5	2.3	84	5	0	288.0	-5.8	99	91	z*
Erode	31.6	--	19.8	--	88	--	0	288.8	--	110	--	
Kanyakumari	32.7	2.4	23.5	-0.5	84	13	0	249.0	-97.5	52	75	
KarurParamathi	31.5	2.0	21.0	1.2	83	-1	0	323.0	27.9	74	59	
Karaikal	29.5	1.1	23.9	1.4	88	2	0	638.8	-194.0	120	150	z*
Kodaikanal	17.7	0.1	7.7	-1.4	52	-15	0	524.7	-5.5	213	158	
Madurai_AP	31.0	1.1	23.5	2.2	90	12	0	360.7	31.7	106	85	m*
Madurai City	29.0	-1.1	21.4	-0.6	85	7	0	502.4	--	124	--	
Nagapattinam	30.0	1.0	24.1	1.4	87	0	0	471.3	-334.0	123	143	z*
Namakkal	31.0	--	19.0	--	--	--	0	443.2	--	--	--	
Palayamkottai	33.0	2.5	23.7	0.9	74	-10	0	301.4	-111.1	60	73	
Pamban	29.6	0.9	24.0	-0.4	80	-3	0	502.5	-61.8	92	91	
Parangipettai	30.0	--	23.8	--	88	--	0	796.2	-7.5	142	139	z*
Puducherry	30.2	1.0	21.8	0.4	91	2	0	595.9	-118.9	117	134	z*
Salem	30.6	0.2	19.5	0.3	86	10	0	298.4	8.8	121	102	z*
Thanjavur	29.0	-0.7	23.6	2.4	82	-6	0	369.0	-132.2	96	95	
Thirupattur	28.4	-0.6	21.4	3.0	87	2	0	360.7	122.4	136	95	m*
Tiruchirappalli_AP	29.9	0.4	23.4	2.3	87	6	0	240.9	-96.9	87	87	m*
Tiruthani	30.3	1.0	21.0	2.6	77	-2	0	347.2	-63.8	98	101	z*
Tondi	30.7	1.2	23.8	1.7	87	3	0	401.6	-40.8	88	88	
Thoothukudi	31.0	1.2	24.4	2.4	82	-1	0	315.1	-127.8	58	63	
Uthagamandalam	21.5	1.0	6.2	-0.6	63	-8	0	295.8	-41.9	172	116	
Valparai	27.0	--	11.5	--	94	--	0	630.4	239.0	485	--	
Vellore	29.3	0.6	21.1	3.2	90	3	0	304.1	-28.9	97	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.

# GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

## INDIA METEOROLOGICAL DEPARTMENT

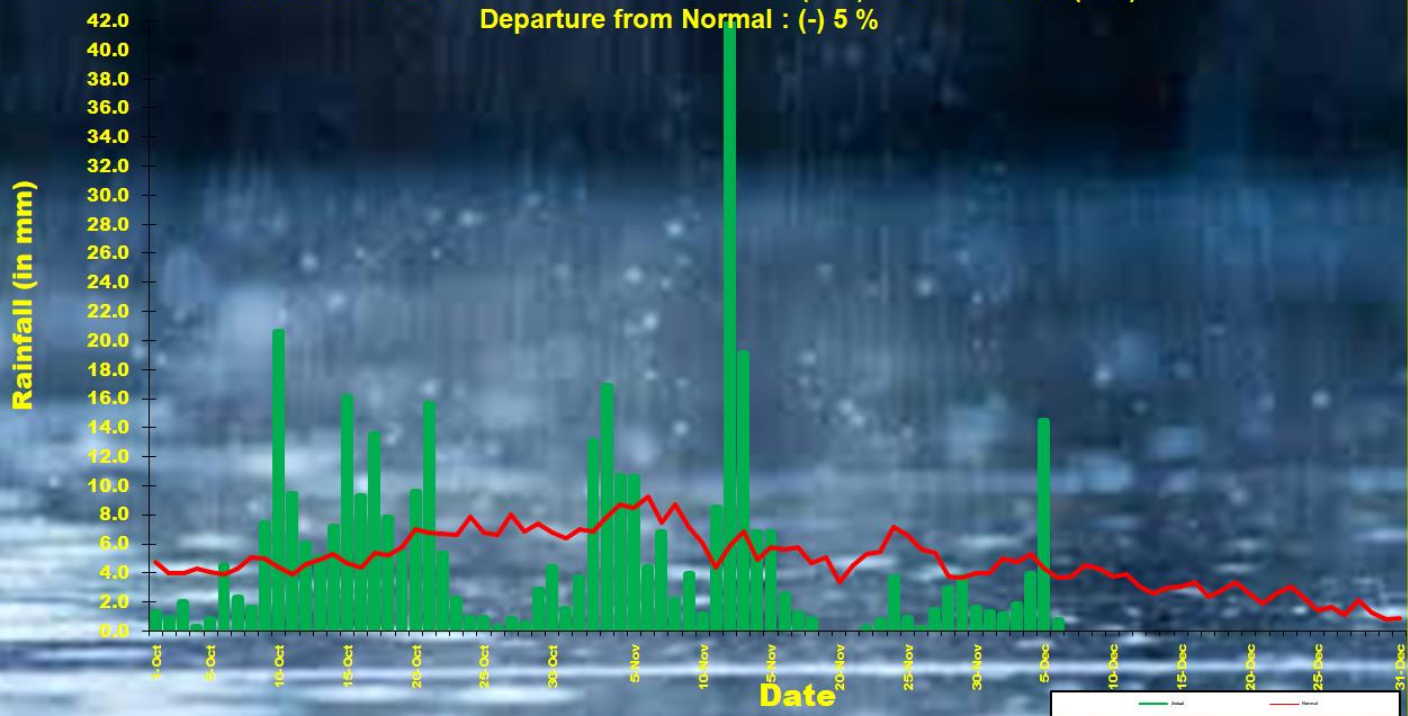
### REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		07.12.2022			From 01.10.2022 to 07.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	3.8	-99	366.5	383.5	-4
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	4.5	-100	296.8	419.2	-29
687	CHENGALPATTU	0.0	6.7	-100	537.0	618.1	-13
461	CHENNAI	0.0	7.0	-100	665.6	714.5	-7
462	COIMBATORE	0.0	2.6	-100	369.5	305.5	21
463	CUDDALORE	0.0	6.6	-100	541.0	583.3	-7
464	DHARMAPURI	0.0	2.9	-100	300.7	290.2	4
465	DINDIGUL	0.0	3.9	-100	448.0	399.9	12
466	ERODE	0.0	2.1	-100	453.4	280.7	62
688	KALLAKURICHI	0.0	4.2	-100	291.7	384.2	-24
467	KANCHEEPURAM	0.0	8.2	-100	538.5	514.9	5
468	KANYAKUMARI	0.0	3.1	-100	514.6	490.1	5
636	KARAIKAL	0.0	9.3	-100	647.6	832.8	-22
469	KARUR	0.0	2.3	-100	280.1	278.6	1
470	KRISHNAGIRI	0.0	1.4	-100	298.3	258.7	15
471	MADURAI	0.0	1.3	-100	393.8	329.4	20
695	MAYILADUTHURAI	0.0	8.9	-100	837.5	730.1	15
472	NAGAPATTINAM	0.0	10.1	-100	544.7	758.3	-28
473	NAMAKKAL	0.0	1.8	-100	349.7	249.4	40
474	NILGIRIS	0.0	4.0	-100	323.4	448.3	-28
475	PERAMBALUR	0.0	3.0	-100	312.5	376.7	-17
476	PUDUCHERRY	0.0	13.5	-100	596.2	714.8	-17
477	PUDUKKOTTAI	0.0	4.3	-100	265.6	325.9	-18
478	RAMANATHAPURAM	0.0	4.3	-100	351.0	437.8	-20
689	RANIPET	0.0	5.6	-100	291.4	353.9	-18
479	SALEM	0.0	2.4	-100	297.9	300.9	-1
480	SIVAGANGA	0.0	2.4	-100	350.0	362.7	-4
690	TENKASI	0.0	2.7	-100	356.0	409.3	-13
481	THANJAVUR	0.0	6.7	-100	381.3	478.3	-20
482	THENI	0.0	3.1	-100	371.6	327.4	14
483	TIRUNELVELI	0.0	4.8	-100	344.2	427.8	-20
691	TIRUPATTUR	0.0	2.3	-100	298.8	240.3	24
535	TIRUPPUR	0.0	2.4	-100	350.6	278.0	26
484	TIRUVALLUR	0.0	6.3	-100	491.1	553.1	-11
485	TIRUVANNAMALAI	0.0	5.3	-100	353.6	388.3	-9
486	TIRUVARUR	0.0	9.5	-100	402.2	594.5	-32
488	TOOTHUKUDI	0.0	3.5	-100	283.0	382.0	-26
487	TRICHY	0.0	2.8	-100	247.4	327.6	-24
489	VELLORE	1.3	4.6	-73	220.3	329.7	-33
490	VILLUPURAM	0.0	3.9	-100	384.3	450.0	-15
491	VIRUDHUNAGAR	0.0	1.9	-100	376.1	351.1	7
	SUBDIVISION RAINFALL	0.0	3.8	-99	367.3	384.8	-5
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 07.12.2022 Actual: 367.3 (mm) Normal: 384.8 (mm)  
 Departure from Normal : (-) 5 %



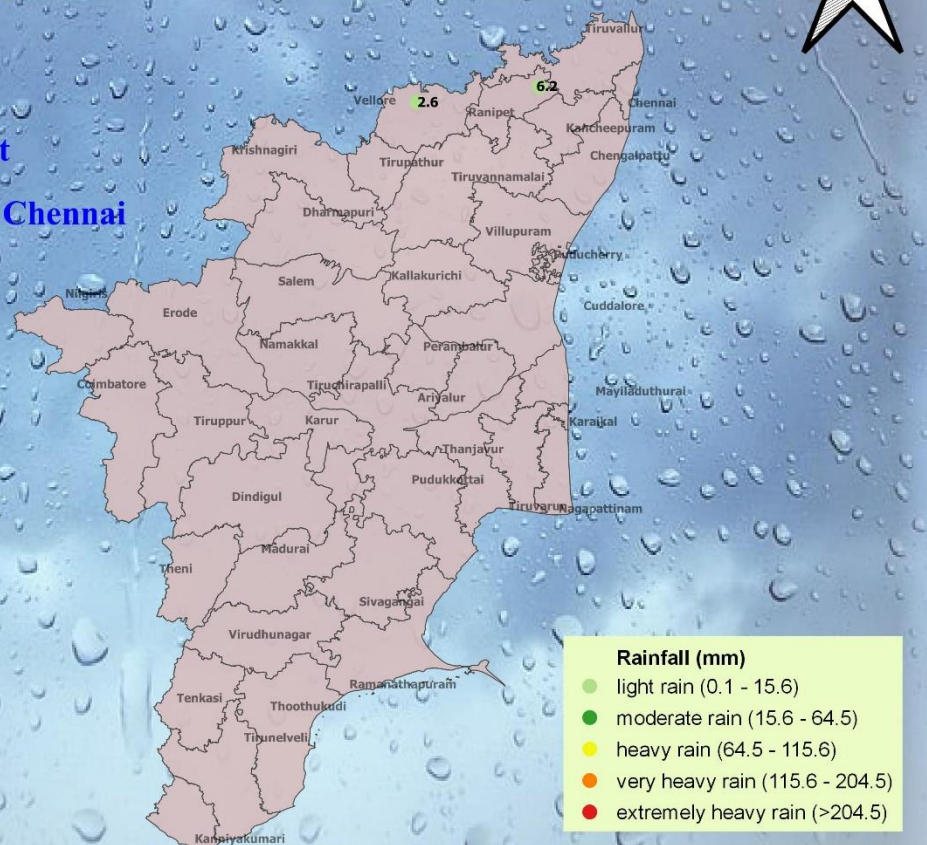
**Realised rainfall (mm) during the past 24 hours  
 (upto 08:30 IST of 07/12/2022)**



**India Meteorological Department**

**Regional Meteorological Centre, Chennai**

**Date : 07/12/2022**







## Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 07/12/2022 ) and its departure from normal(°C)

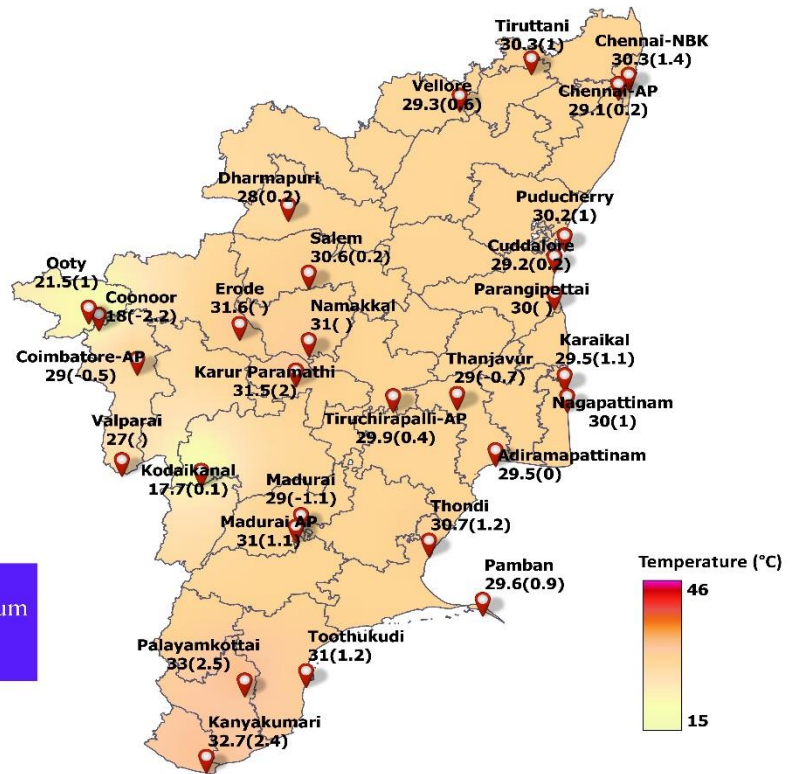


India Meteorological Department  
Regional Meteorological Centre, Chennai

Date: 07/12/2022

The highest temperature recorded : 33°C  
Place : Palayamkottai

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 07/12/2022 ) and its departure from normal(°C)



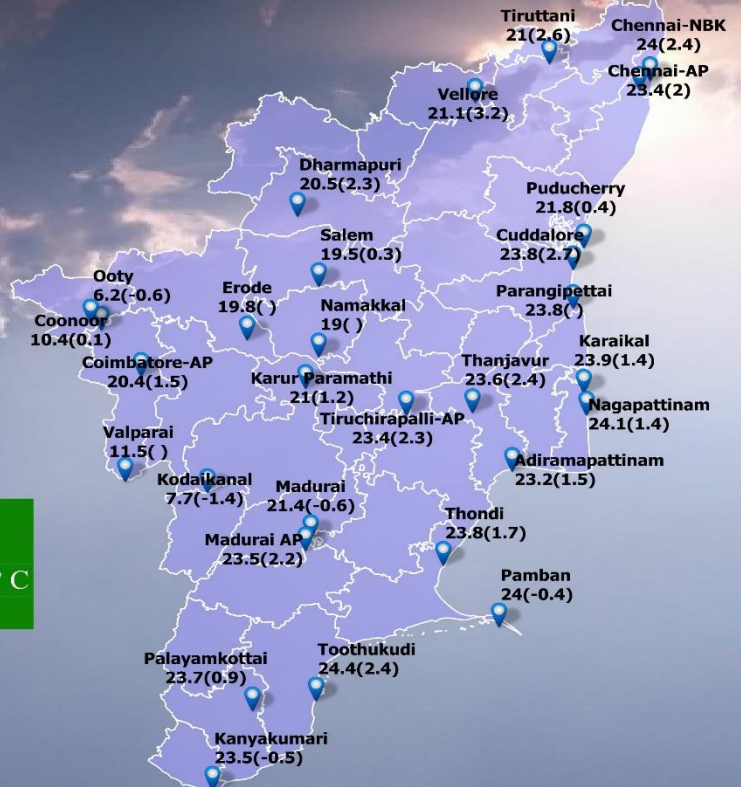
India Meteorological Department  
Regional Meteorological Centre, Chennai

Date : 07/12/2022

The lowest temperature recorded in the plains : 19° C  
Place : Namakkal

The lowest temperature recorded in the hilly region : 6.2° C  
Place : Ooty

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





HEAVY RAINFALL WARNINGS issued on: 07.12.2022



FOR DATE: 07.12.2022

India Meteorological Department  
Regional Met Centre, Chennai



**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

Leaflet



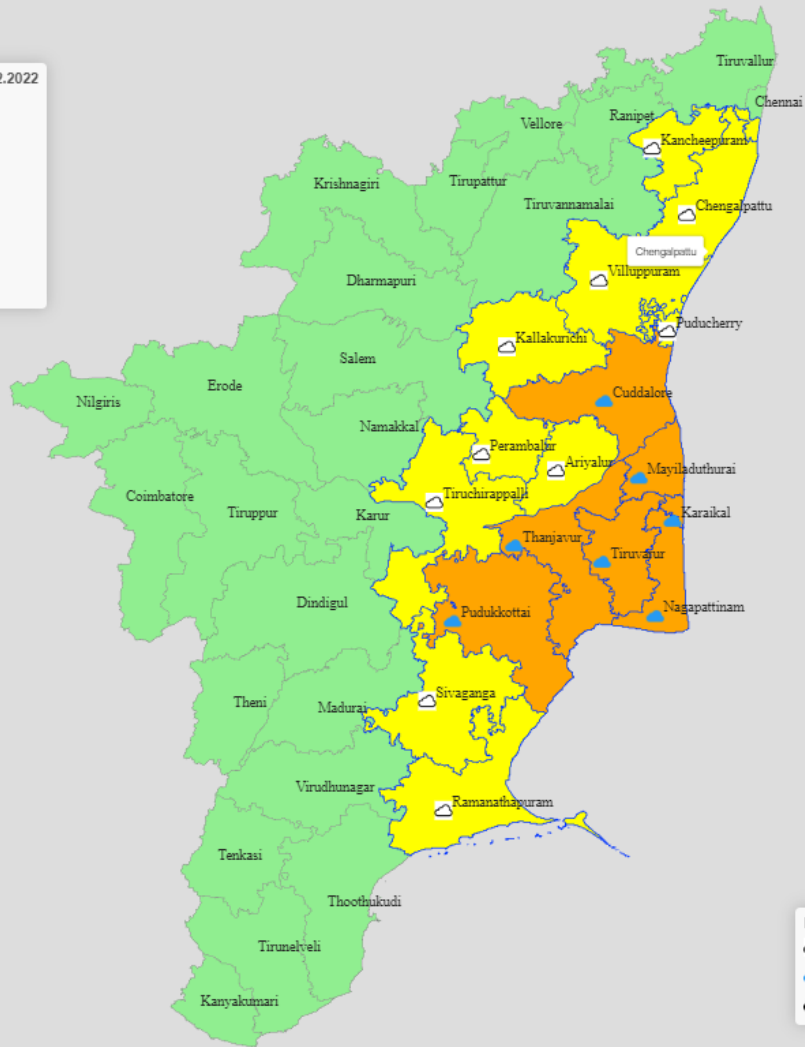


HEAVY RAINFALL WARNINGS issued on: 07.12.2022



FOR DATE: 08.12.2022

India Meteorological Department  
Regional Met Centre, Chennai



#### 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

Leaflet

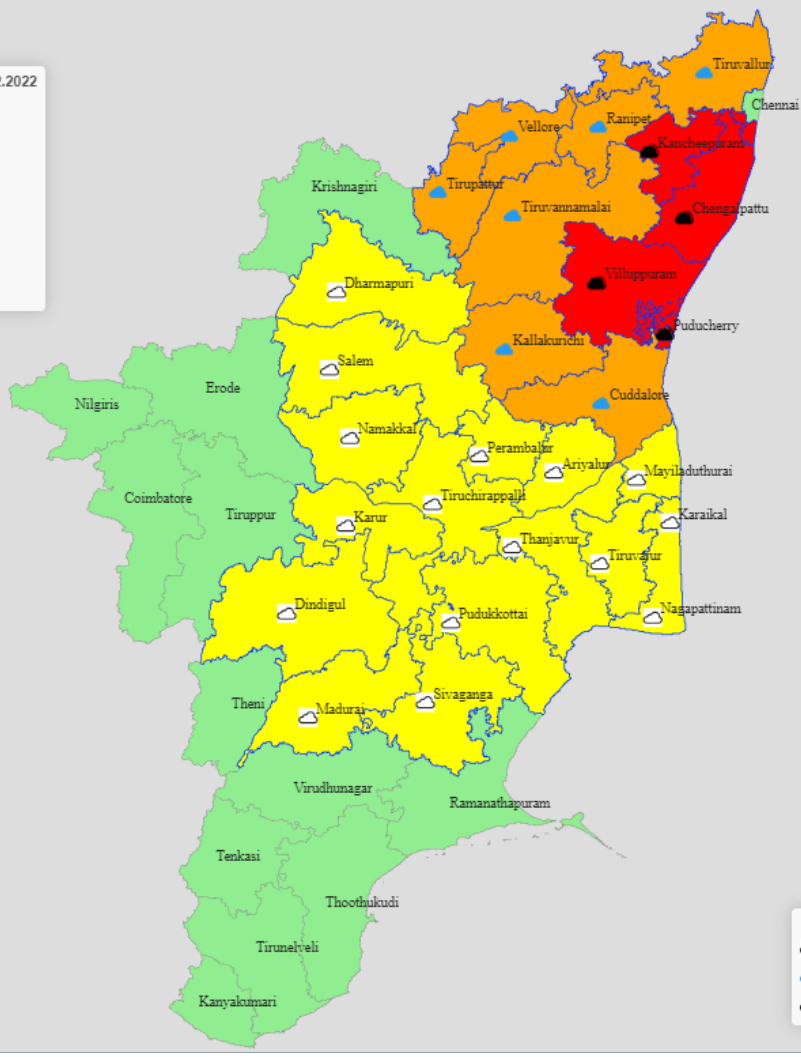


HEAVY RAINFALL WARNINGS issued on: 07.12.2022



FOR DATE: 09.12.2022

India Meteorological Department  
Regional Met Centre, Chennai



**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

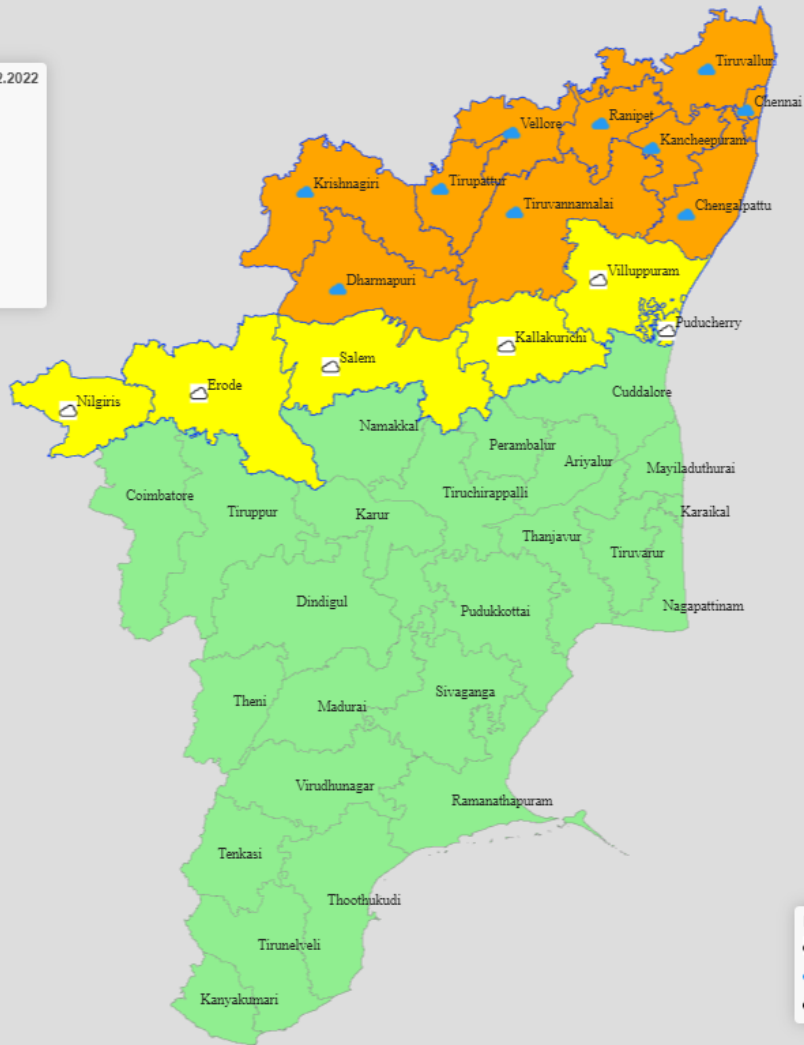


HEAVY RAINFALL WARNINGS issued on: 07.12.2022



FOR DATE: 10.12.2022

India Meteorological Department  
Regional Met Centre, Chennai



**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

Leaflet

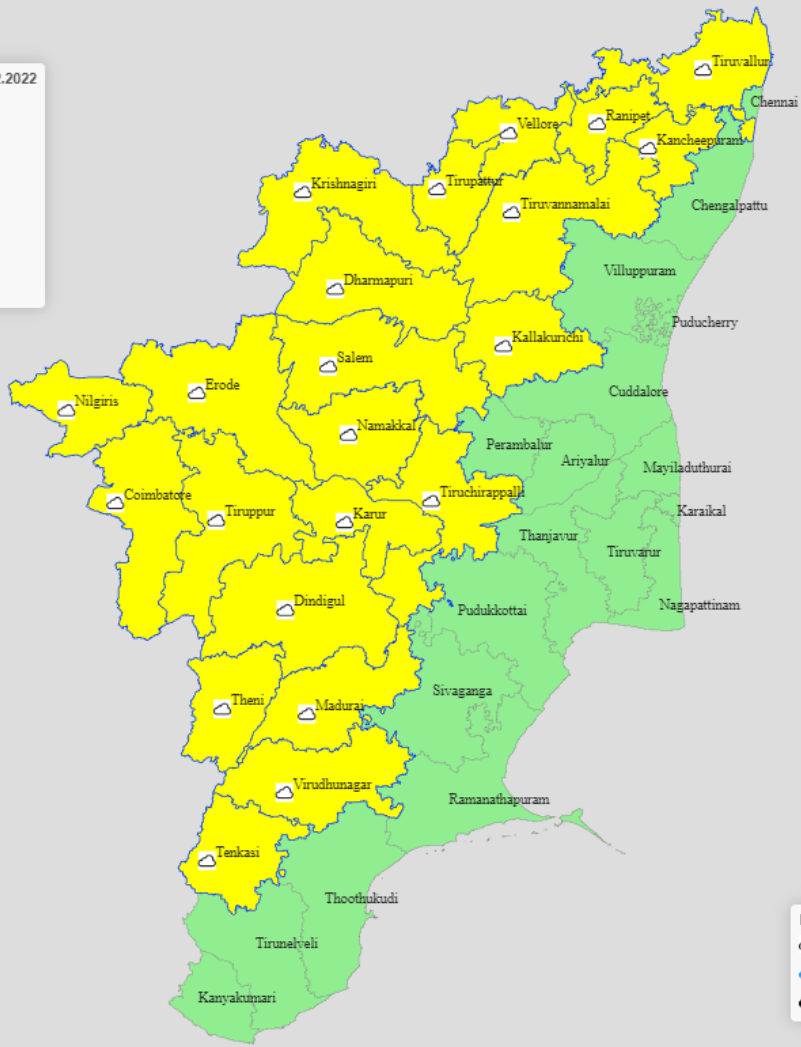


HEAVY RAINFALL WARNINGS issued on: 07.12.2022



FOR DATE: 11.12.2022

- 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



**LEGEND:****Spatial rainfall distribution:**

<b>% Stations reporting Rainfall</b>	<b>Category</b>
76-100	Widespread (WS/ most places)
51-75	Fairly Widespread (FWS/ many places)
26-50	Scattered (SCT/ few places)
1 -25	Isolated (ISOL/ one or two places)
No Rain	Dry

**Rainfall intensity:**

<b>24-hr accumulated rainfall (cm/day)</b>	<b>Category</b>
Upto 1	Light rain
2-6	Moderate rain
7-11	Heavy rain
12-20	Very heavy rain
≥ 21	Extremely heavy rain

**Description of rainfall with respect to normal:**

<b>Rainfall percentage departure from normal</b>	<b>Category</b>
≥ +60%	LARGE excess
+20% to +59%	Excess
-19% to +19%	Normal
-20% to -59%	Deficient
≤ -60%	LARGely deficient

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

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