

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

DATE: Wednesday, December 21, 2022 (30 Agrahayana 1944)

Time of issue: 1230 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 Karaikal area. Dry weather prevailed over Puducherry.

**CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:** Nalumukku (dist Tirunelveli) 3, Kakkachi (dist Tirunelveli), Manjolai (dist Tirunelveli) and Oothu (dist Tirunelveli) 1 each.

#### DESCRIPTION OF TEMPERATURE:

Namakkal recorded lowest minimum temperature of 17.0 °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°)	Over Karur district.
Appreciable rise (2.1 ° C to 4.0°)	Over Kanyakumari district.
Markedly rise (4.1° c or more)	-----
No large change (-2.0° C to 2.0° C)	Over the 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)	-----
Above Normal (1.6 ° C to 3.0 ° C)	Over Coimbatore, Tirupattur, Thoothukudi 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 the rest of the subdivision.

**Synoptic Meteorological feature:**

Yesterday's **Low Pressure Area** over central parts of South Bay of Bengal & adjoining East Equatorial Indian Ocean lay as a **Well Marked Low Pressure Area** at 0530 hrs IST of today, the 21<sup>st</sup> December 2022 over Southwest Bay of Bengal & adjoining East Equatorial Indian Ocean and persist over the same region at 0830 hrs IST of today, with the associated cyclonic circulation extending upto mid-tropospheric levels. It is likely to move northwestwards and concentrate into a **depression** over southwest Bay of Bengal off Sri Lanka coast during next 48 hours. Thereafter, it is likely to move west-southwestwards towards Comorin Area across Sri Lanka.

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

<b>Day 1(21-12-2022) to Day 3(23-12-2022)</b>	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
<b>Day 4(24-12-2022)</b>	Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry & Karaikal area.
<b>Day 5(25-12-2022)</b>	Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over north Tamilnadu, Puducherry & Karaikal area. Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over south Tamilnadu. <b>Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thoothukudi, Ramanathapuram, Thenkasi and Virudhunagar districts of Tamil Nadu.</b>

**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 29-30 °C and 23 °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 29-30 °C and 23 °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:20-12-2022 (29 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	1-1-2022	cm	
Adiramapattinam	28.6	-0.8	22.6	0.8	87	1	1.9	429.1	-212.8	157	124	r
Chennai	29.1	0.4	23.3	1.4	85	4	0	924.3	111.7	155	140	
Chennai_AP	29.1	0.3	23.3	1.7	85	2	0	900.3	98	146	138	m*
Coimbatore_AP	30.0	0.5	20.6	1.7	73	-9	0	180.9	-108	55	59	z*
Coonoor	20.0	0.3	12.0	2.0	86	19	0	629.8	-205.6	169	159	
Cuddalore	29.8	0.9	23.2	1.8	87	1	0	872.3	46.7	146	134	
Dharmapuri	27.0	-0.8	18.0	-0.1	76	-5	0	345.0	35.6	105	91	
Erode	33.2	--	19.0	--	77	--	0	316.2	--	112	--	
Kanyakumari	29.7	-0.7	21.0	-3.0	28	-45	3.0	255.6	-120.5	53	75	r
KarurParamathi	32.5	3.1	22.0	2.1	87	3	0	342.2	28.1	76	59	
Karaikal	27.9	-0.4	23.5	0.7	91	6	2.6	668.4	-275.5	123	150	r
Kodaikanal	17.6	0.6	10.7	1.7	89	16	0	679.7	82.8	229	158	
Madurai City	30.0	-0.6	22.0	-0.2	73	-4	0	503.8	--	125	--	
Madurai_AP	32.7	2.9	23.1	1.7	69	-9	tr	366.2	14	106	85	d, z
Nagapattinam	28.1	-0.7	23.7	0.6	91	5	0.5	510.6	-398	127	143	r, z
Namakkal	32.0	--	19.0	--	--	--	0	481.3	--	--	--	
Palayamkottai	33.5	3.5	23.5	0.8	73	-10	0	306.8	-152.4	61	73	
Pamban	27.5	-1.2	23.3	-1.0	89	6	0.8	528.7	-118.4	95	91	r
Parangipettai	31.0	--	23.5	--	88	--	0	891.0	-11.9	151	139	
Puducherry	29.9	0.7	21.2	0	88	-1	0	659.7	-135.1	123	134	z*
Salem	31.0	0.4	19.3	-0.4	74	-2	0	321.5	13.9	123	102	z*
Thanjavur	29.0	-0.4	22.0	0.6	78	-11	0	447.2	-107.9	103	95	
Thirupattur	26.8	-2.3	19.6	1.6	92	8	0	444.5	189.1	144	95	
Tiruchirappalli_AP	29.3	-0.1	22.6	1.3	80	-2	0	257.7	-119.2	89	87	m*
Tiruthani	30.5	1.0	20.2	1.4	78	-1	0	491.2	41.4	112	101	
Tondi	29.1	-0.5	23.0	0.9	83	-1	1.1	426.4	-79.7	91	88	r
Thoothukudi	29.0	-0.6	23.7	1.6	74	-10	2.3	323.2	-169.2	59	63	r
Udagamandalam	20.8	-0.1	8.4	1.0	69	3	0	416.2	50.1	184	116	
Valparai	26.0	--	13.0	--	115	--	0	778.0	365.5	500	--	
Vellore	29.1	0.5	19.6	1.8	84	-4	0	397.1	28.8	107	103	z*

\*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**

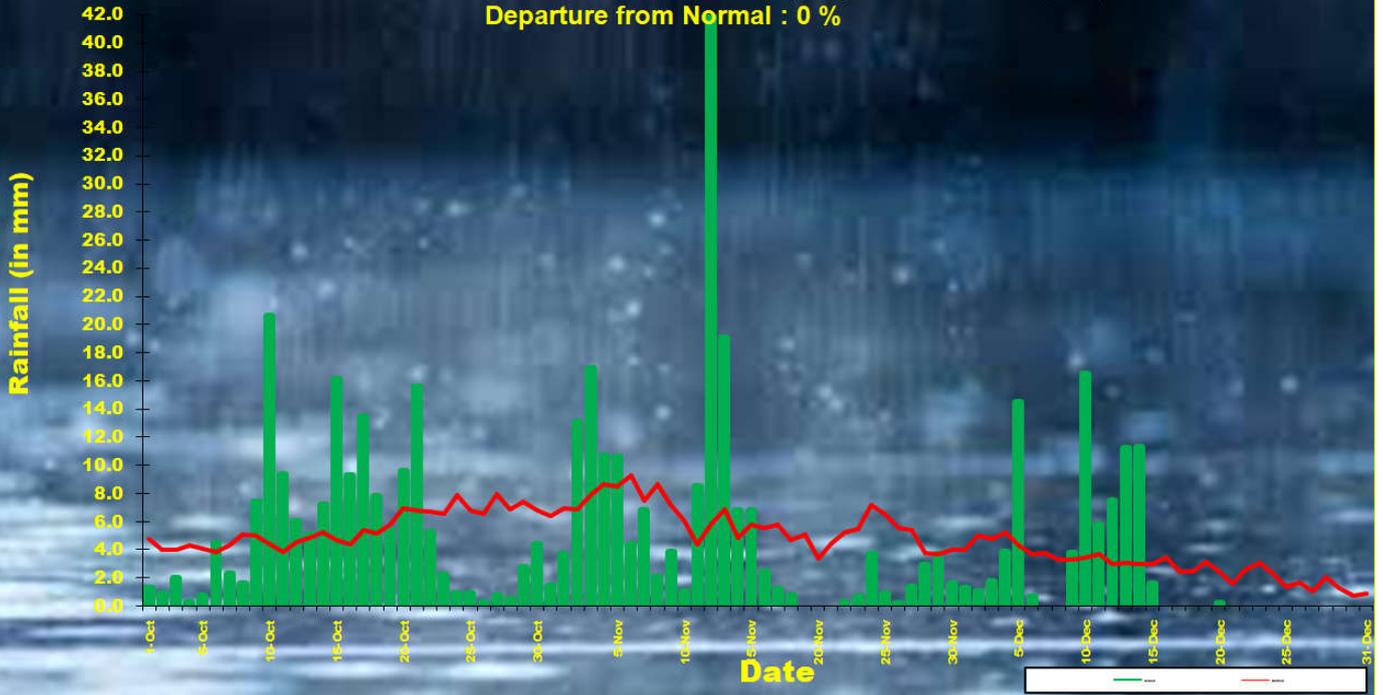
**INDIA METEOROLOGICAL DEPARTMENT**

**REGIONAL METEOROLOGICAL CENTRE, CHENNAI**

**Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry**

NE-MONSOON RAINFALL 2022		21.12.2022			From 01.10.2022 to 21.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	<b>STATES</b>						
31	TAMIL NADU	0	1.6	-97	424.5	425	0
	<b>MET. SUBDIVISIONS</b>						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0	2	-100	385	475.9	-19
687	CHENGALPATTU	0	3.4	-100	724.4	687.5	5
461	CHENNAI	0	2.9	-100	884.7	771.4	15
462	COIMBATORE	0	0.5	-100	458	329.5	39
463	CUDDALORE	0	3.5	-100	599.7	670.6	-11
464	DHARMAPURI	0	0.8	-100	345.2	307.9	12
465	DINDIGUL	0	1.2	-100	514.6	442.3	16
466	ERODE	0	0.7	-100	473.7	299.5	58
688	KALLAKURICHI	0	2.2	-100	355.4	436.4	-19
467	KANCHEEPURAM	0	1.4	-100	783.4	571.5	37
468	KANYAKUMARI	0.2	1.1	-86	533.8	520.2	3
636	KARAIKAL	0.5	6.7	-93	677.7	950.6	-29
469	KARUR	0	1.3	-100	312.8	303.1	3
470	KRISHNAGIRI	0	0.7	-100	363	274.1	32
471	MADURAI	0	1.1	-100	410.4	358	15
695	MAYILADUTHURAI	0	5	-100	909.1	837.6	9
472	NAGAPATTINAM	1.2	6.7	-82	587.5	874.5	-33
473	NAMAKKAL	0	0.6	-100	370.9	264.4	40
474	NILGIRIS	0	1.3	-100	411.9	486.1	-15
475	PERAMBALUR	0	1.6	-100	350.8	415.8	-16
476	PUDUCHERRY	0	6.8	-100	660	801.6	-18
477	PUDUKKOTTAI	0	3.3	-100	296.7	369.9	-20
478	RAMANATHAPURAM	0.5	3.9	-88	375.2	504.9	-26
689	RANIPET	0	0.8	-100	431.2	391.1	10
479	SALEM	0	0.7	-100	345.4	324.6	6
480	SIVAGANGA	0.2	2	-91	366.6	405.2	-10
690	TENKASI	0	0.9	-100	370.6	450.7	-18
481	THANJAVUR	0	3.5	-100	444.7	545.9	-19
482	THENI	0	0.7	-98	393.5	353.9	11
483	TIRUNELVELI	0.2	2	-90	359.8	488.9	-26
691	TIRUPATTUR	0	0.4	-100	395.6	259.1	53
535	TIRUPPUR	0	0.5	-100	369.5	298.4	24
484	TIRUVALLUR	0	2.8	-100	693.5	602.2	15
485	TIRUVANNAMALAI	0	0.7	-100	469.4	433.6	8
486	TIRUVARUR	0	4	-100	468.2	682.4	-31
488	TOOTHUKUDI	0	1.6	-100	289.2	424.5	-32
487	TRICHY	0	1.4	-100	274.3	364.2	-25
489	VELLORE	0	1	-100	309.2	362.4	-15
490	VILLUPURAM	0	1.4	-100	463.2	507.1	-9
491	VIRUDHUNAGAR	0	1.2	-100	400.5	385.4	4
	<b>SUBDIVISION RAINFALL</b>	<b>0</b>	<b>1.6</b>	<b>-97</b>	<b>425.3</b>	<b>426.5</b>	<b>0</b>
<b>LEGEND</b>	<b>PDN*</b>	<b>Percentage Departure from Normal</b>					
	<b>**</b>	<b>Rainfall for the 24 hrs ending at 0830 hrs of date</b>					

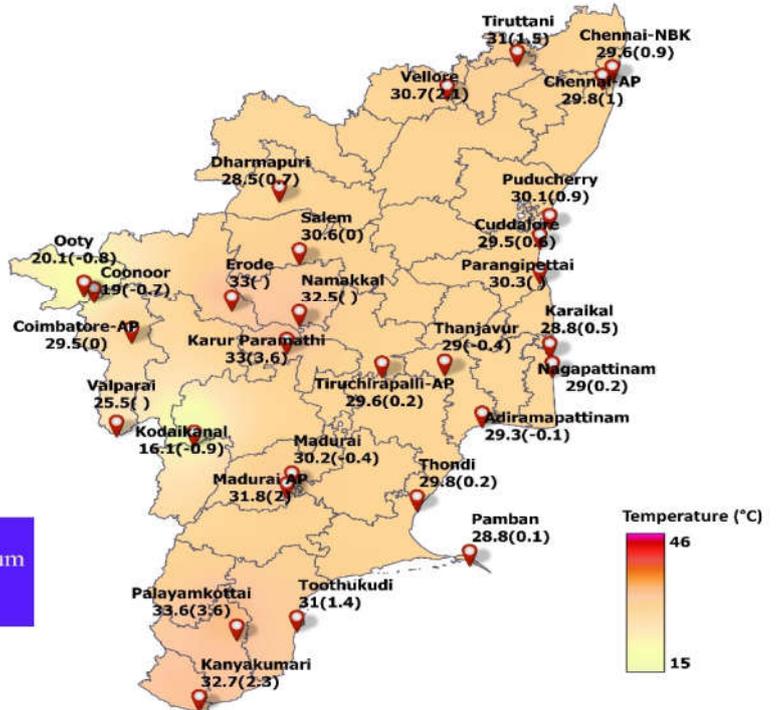
**NE Monsoon Rainfall 2022 for Tamilnadu and Puducherry**  
 From 01.10.2022 to 21.12.2022 Actual: 425.3 (mm) Normal: 426.5 (mm)  
 Departure from Normal : 0 %



**Realised Maximum Temperature (°C) in the past 24 Hrs**  
 (upto 0830 IST of 21/12/2022 ) and its departure from normal(°C)



India Meteorological Department  
 Regional Meteorological Centre, Chennai  
 Date: 21/12/2022



The highest temperature recorded : 33.6°C  
 Place : Palayamkottai

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



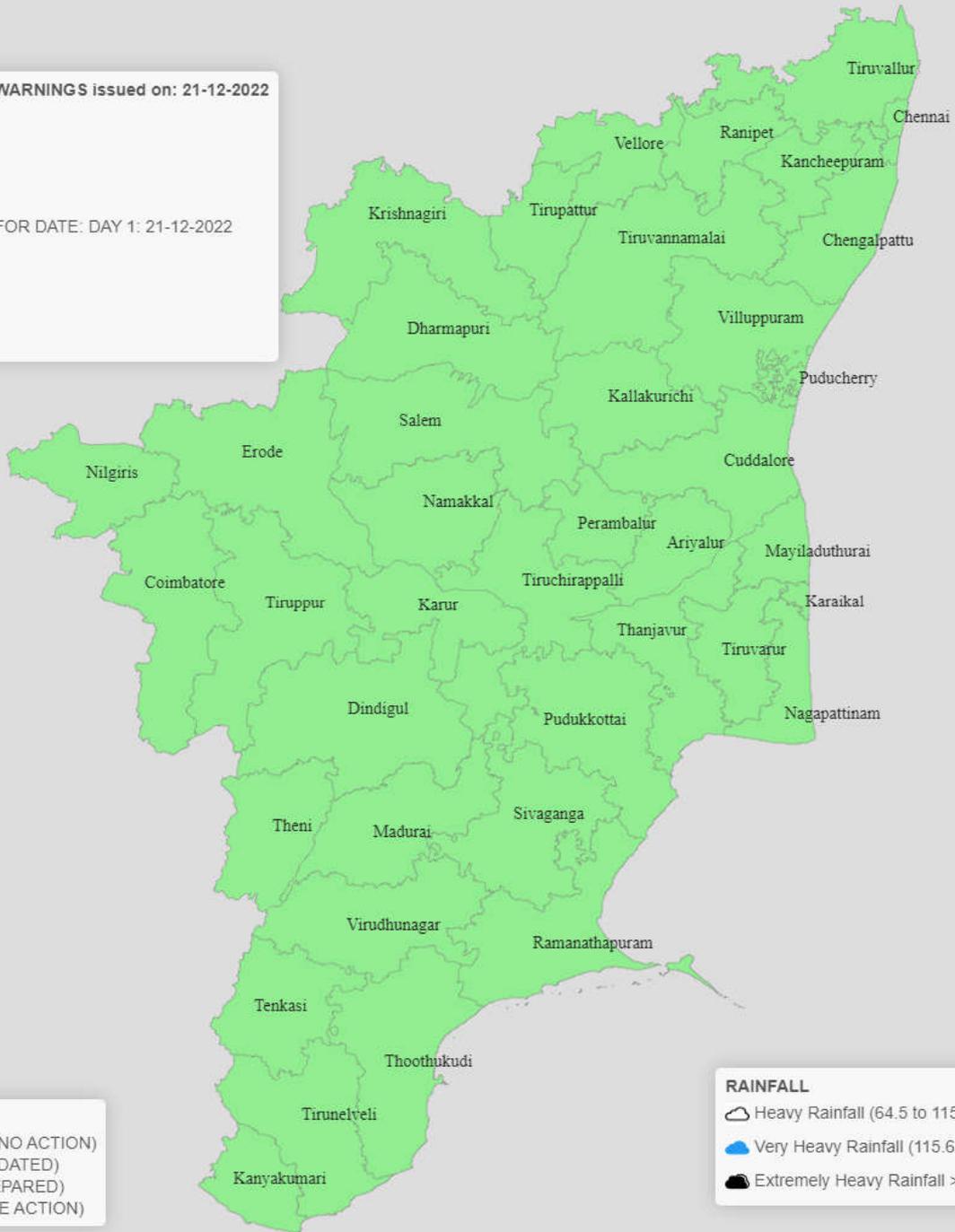
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HEAVY RAINFALL WARNINGS issued on: 21-12-2022



FOR DATE: DAY 1: 21-12-2022



**WARNINGS**

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

**RAINFALL**

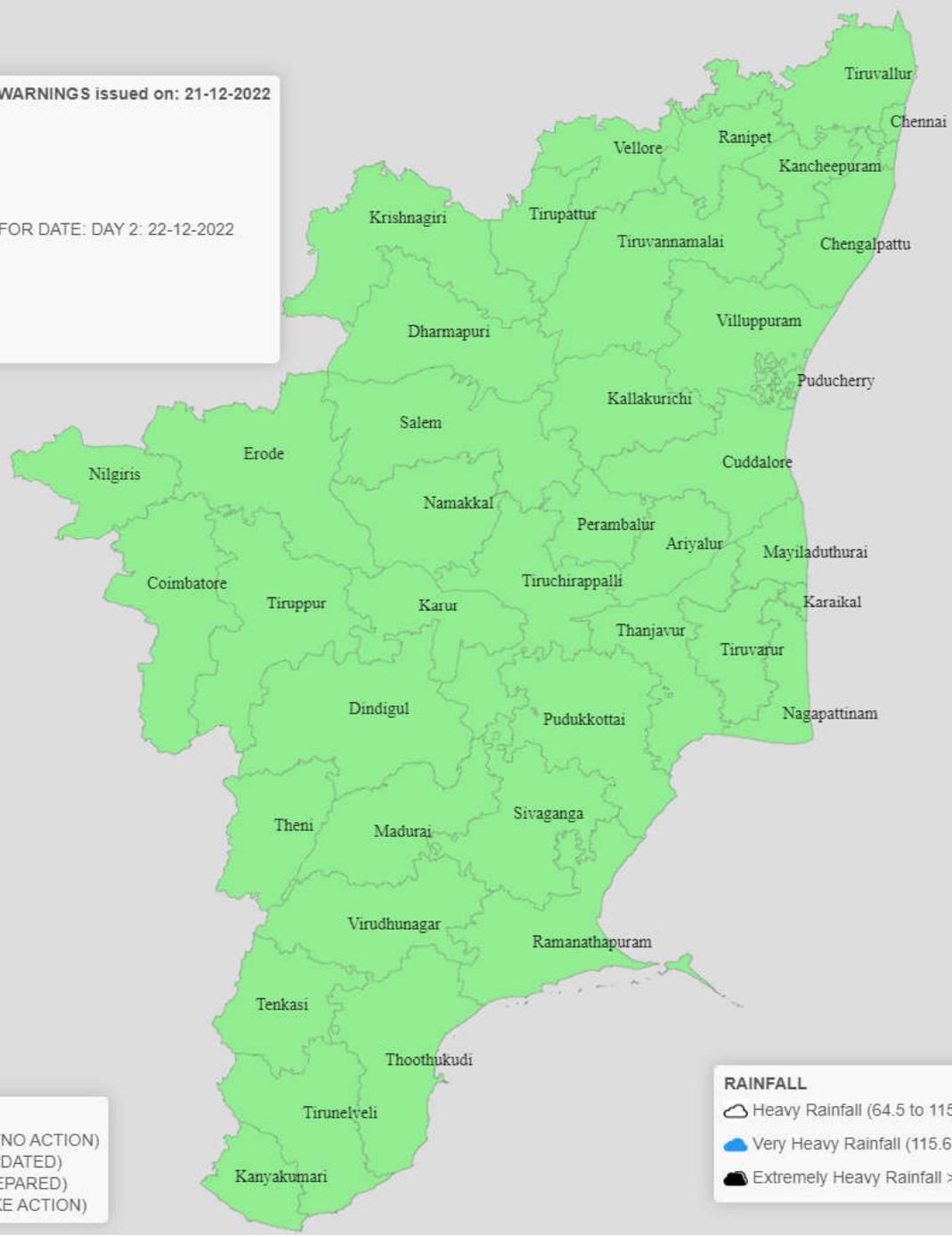
-  Heavy Rainfall (64.5 to 115.5) mm
-  Very Heavy Rainfall (115.6 to 204.4) mm
-  Extremely Heavy Rainfall > 204.4 mm



HEAVY RAINFALL WARNINGS issued on: 21-12-2022



FOR DATE: DAY 2: 22-12-2022



**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

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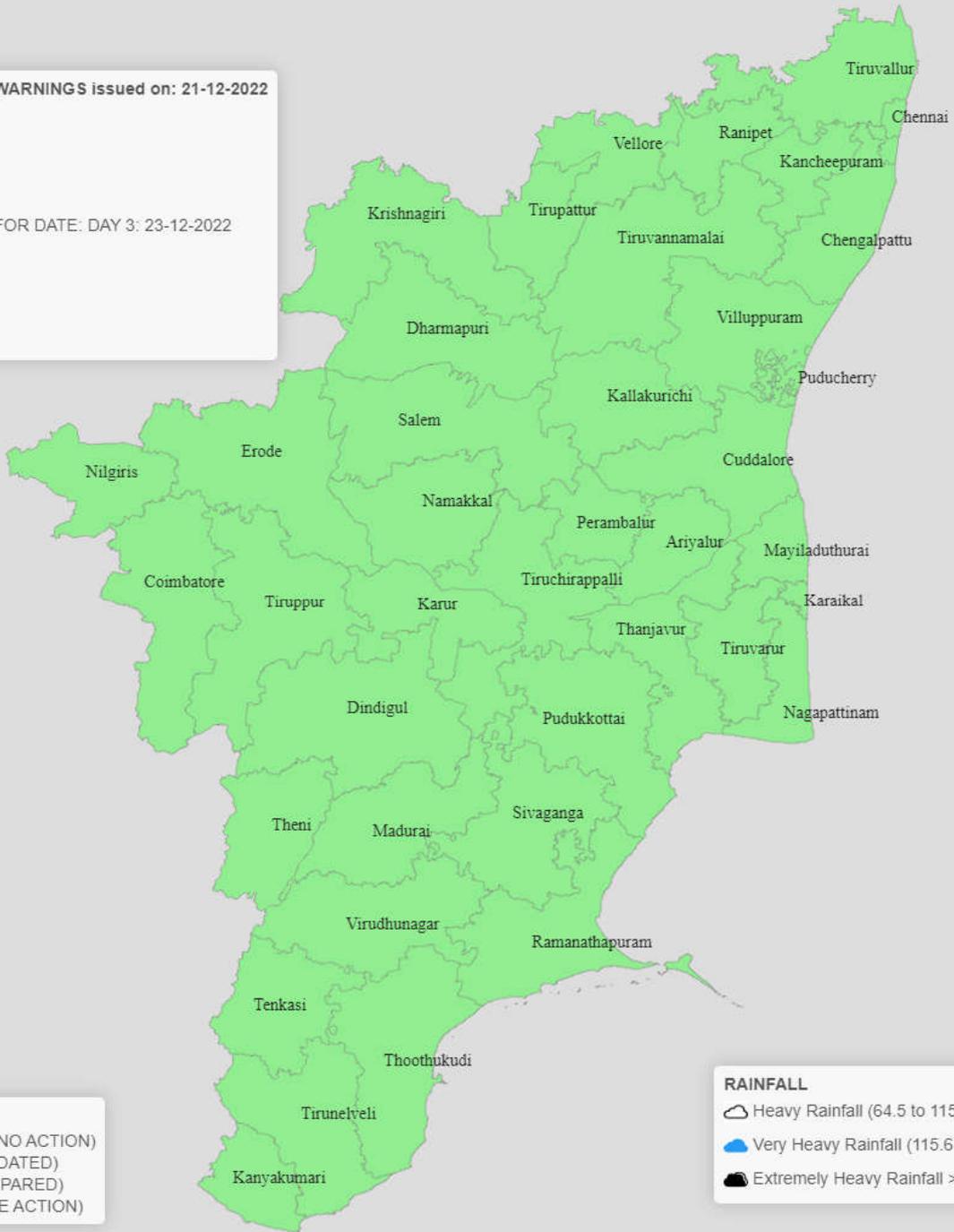
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HEAVY RAINFALL WARNINGS issued on: 21-12-2022



India Meteorological Department  
Regional Met Centre, Chennai

FOR DATE: DAY 3: 23-12-2022



**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

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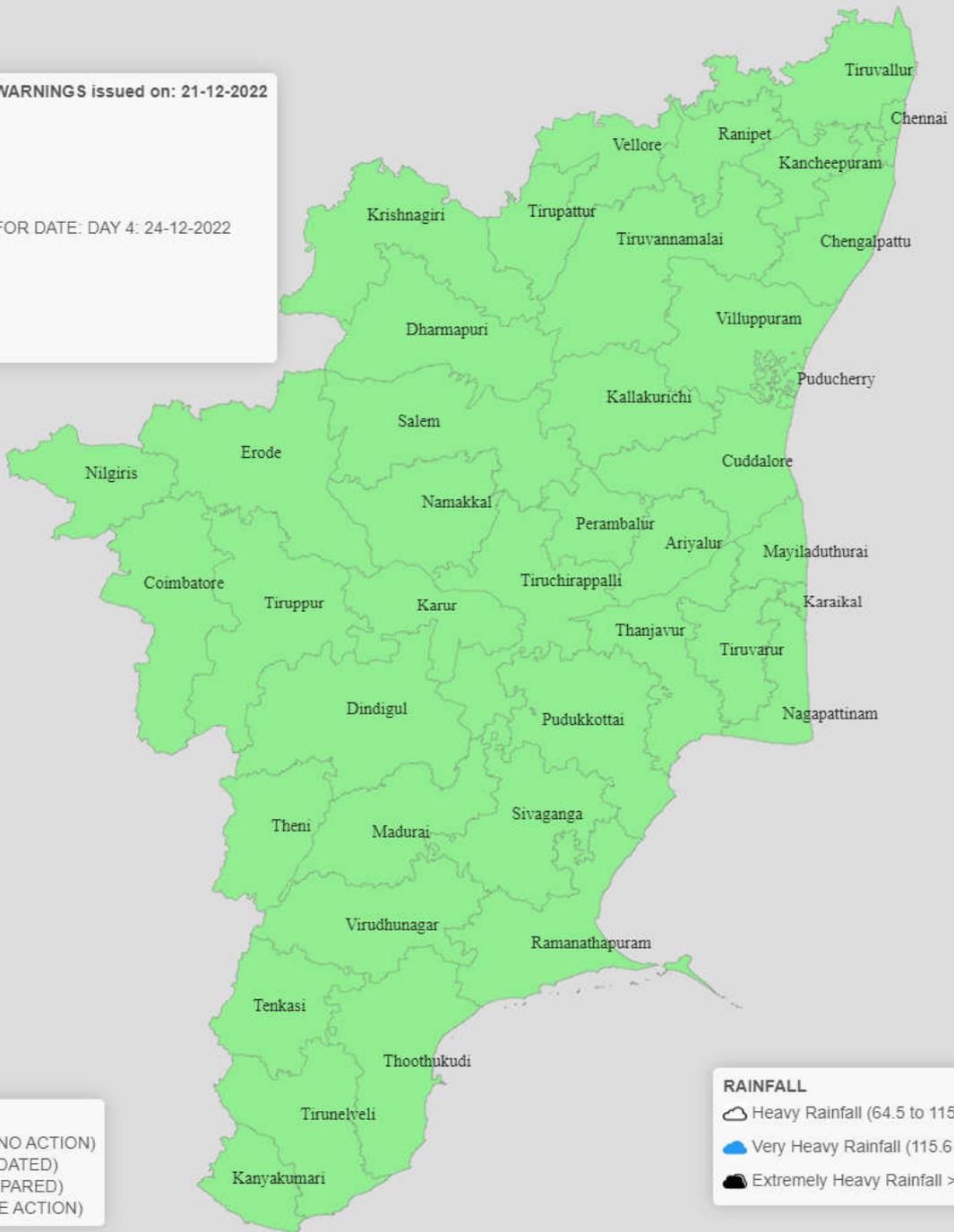
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HEAVY RAINFALL WARNINGS issued on: 21-12-2022



India Meteorological Department  
Regional Met Centre, Chennai

FOR DATE: DAY 4: 24-12-2022



**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

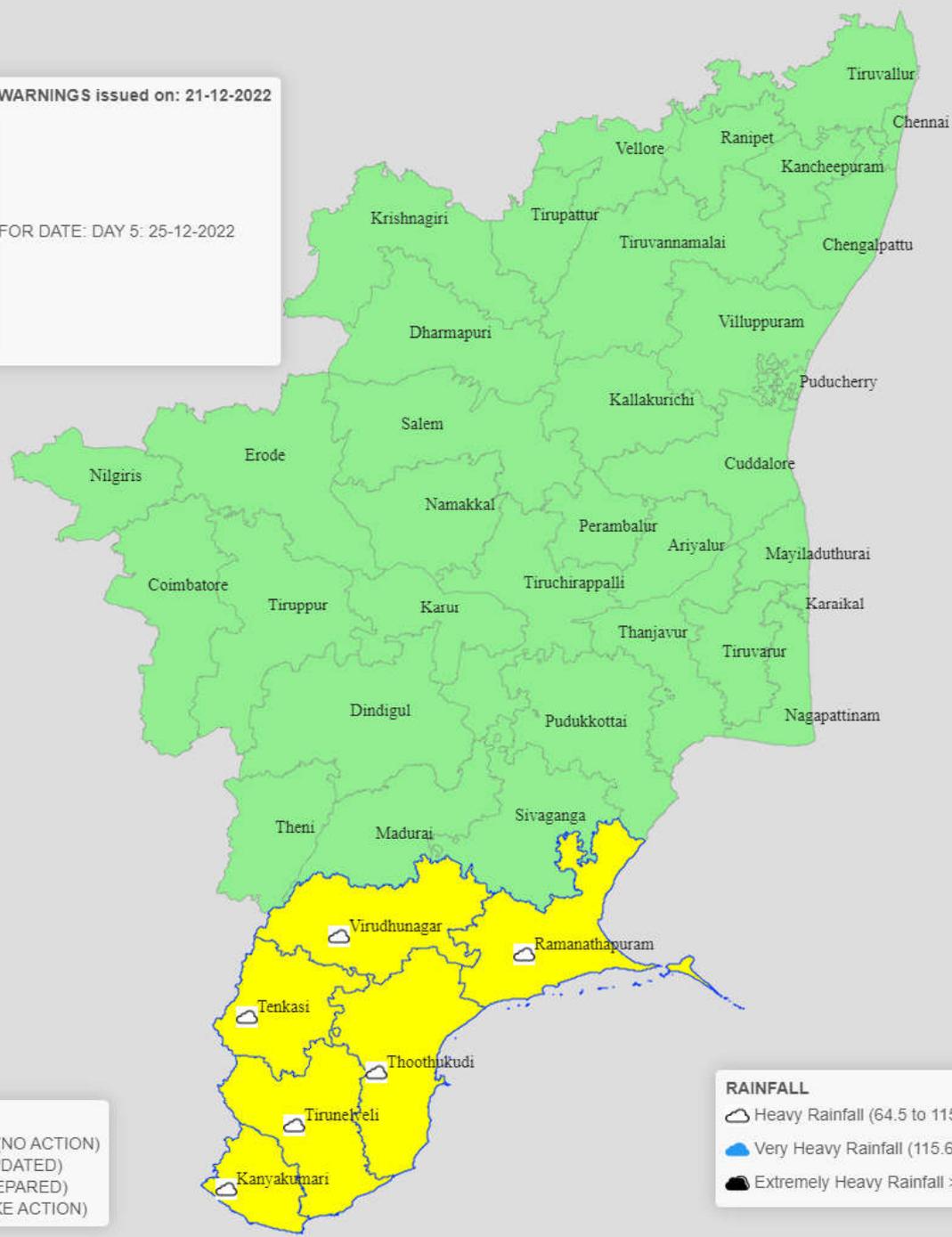


**HEAVY RAINFALL WARNINGS issued on: 21-12-2022**



FOR DATE: DAY 5: 25-12-2022

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

**Legends:**

<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

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