

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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Chennai-600006
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DATE: Tuesday, December 20, 2022 (29 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:

Light rain at one or two places occurred over Tamilnadu and Karaikal area. Dry weather prevailed over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Kodiayakarai (dist Nagapattinam), Vedaranyam (dist Nagapattinam) 2 each, Nalumukku (dist Tirunelveli), Velankanni (dist Nagapattinam) 1 each.

DESCRIPTION OF TEMPERATURE:

Dharmapuri recorded lowest minimum temperature of 18.0 °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 Kanyakumari district.
Appreciable rise (2.1 ° C to 4.0°)	Over Chennai, Karur, Dindigul and Madurai districts.
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 Chennai, Coimbatore, Nilgiris Cuddalore, Karur, Dindigul, Madurai, Tirupattur, Thoothukudi and Vellore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Kanyakumari district.
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 with the associated cyclonic circulation extending upto mid-tropospheric levels persists. It is likely to move west-northwestwards slowly towards Sri-Lanka coast during next 2 days.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(20-12-2022) to Day 3(22-12-2022)	Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
Day 4(23-12-2022)	Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area.
Day 5(24-12-2022)	Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry & Karaikal area.

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 23-24 °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 29-30 °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: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

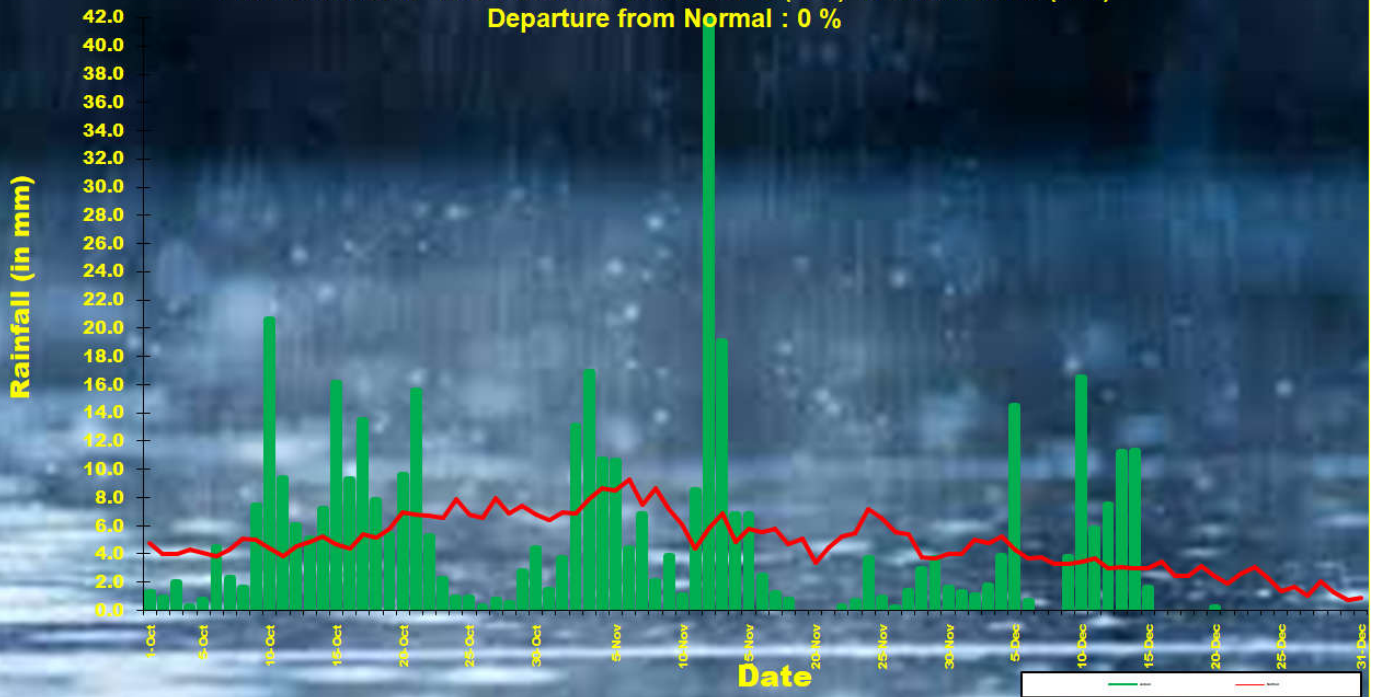
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		20.12.2022			From 01.10.2022 to 20.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.2	2.5	-92	424.5	423.4	0
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.8	-100	385.0	473.9	-19
687	CHENGALPATTU	0.0	4.1	-100	724.4	684.1	6
461	CHENNAI	0.0	2.1	-100	884.7	768.5	15
462	COIMBATORE	0.0	1.5	-100	458.0	329.0	39
463	CUDDALORE	0.0	4.9	-100	599.7	667.1	-10
464	DHARMAPURI	0.0	1.5	-100	345.2	307.1	12
465	DINDIGUL	0.0	3.1	-100	514.6	441.1	17
466	ERODE	0.0	1.6	-100	473.7	298.8	59
688	KALLAKURICHI	0.0	4.1	-100	355.4	434.2	-18
467	KANCHEEPURAM	0.0	3.6	-100	783.4	570.1	37
468	KANYAKUMARI	0.8	1.1	-27	533.6	519.1	3
636	KARAIKAL	2.6	5.7	-54	677.2	943.9	-28
469	KARUR	0.0	1.5	-100	312.8	301.8	4
470	KRISHNAGIRI	0.0	1.1	-100	363.0	273.4	33
471	MADURAI	0.0	2.5	-100	410.4	356.9	15
695	MAYILADUTHURAI	0.0	5.4	-100	909.1	832.6	9
472	NAGAPATTINAM	8.2	6.1	34	586.3	867.8	-32
473	NAMAKKAL	0.0	1.3	-100	370.9	263.8	41
474	NILGIRIS	0.0	1.8	-100	411.9	484.8	-15
475	PERAMBALUR	0.0	1.4	-100	350.8	414.2	-15
476	PUDUCHERRY	0.0	3.7	-100	660.0	794.8	-17
477	PUDUKKOTTAI	0.1	2.1	-96	296.7	366.6	-19
478	RAMANATHAPURAM	0.1	2.7	-95	374.7	501.0	-25
689	RANIPET	0.0	2.1	-100	431.2	390.3	10
479	SALEM	0.0	1.3	-100	345.4	323.9	7
480	SIVAGANGA	0.0	2.4	-100	366.4	403.2	-9
690	TENKASI	0.2	2.4	-93	370.6	449.8	-18
481	THANJAVUR	0.2	2.6	-91	444.7	542.4	-18
482	THENI	0.0	2.6	-98	393.5	353.2	11
483	TIRUNELVELI	0.6	3.9	-85	359.6	486.9	-26
691	TIRUPATTUR	0.0	2.0	-100	395.6	258.7	53
535	TIRUPPUR	0.0	1.6	-100	369.5	297.9	24
484	TIRUVALLUR	0.0	4.3	-100	693.5	599.4	16
485	TIRUVANNAMALAI	0.0	3.8	-100	469.4	432.9	8
486	TIRUVARUR	0.9	3.0	-70	468.2	678.4	-31
488	TOOTHUKUDI	1.1	2.4	-55	289.2	422.9	-32
487	TRICHY	0.0	1.6	-100	274.3	362.8	-24
489	VELLORE	0.0	2.8	-100	309.2	361.4	-14
490	VILLUPURAM	0.0	1.8	-100	463.2	505.7	-8
491	VIRUDHUNAGAR	0.0	1.9	-100	400.5	384.2	4
	SUBDIVISION RAINFALL	0.2	2.5	-92	425.3	424.9	0
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 20.12.2022 Actual: 425.3 (mm) Normal: 424.9 (mm)
 Departure from Normal : 0 %



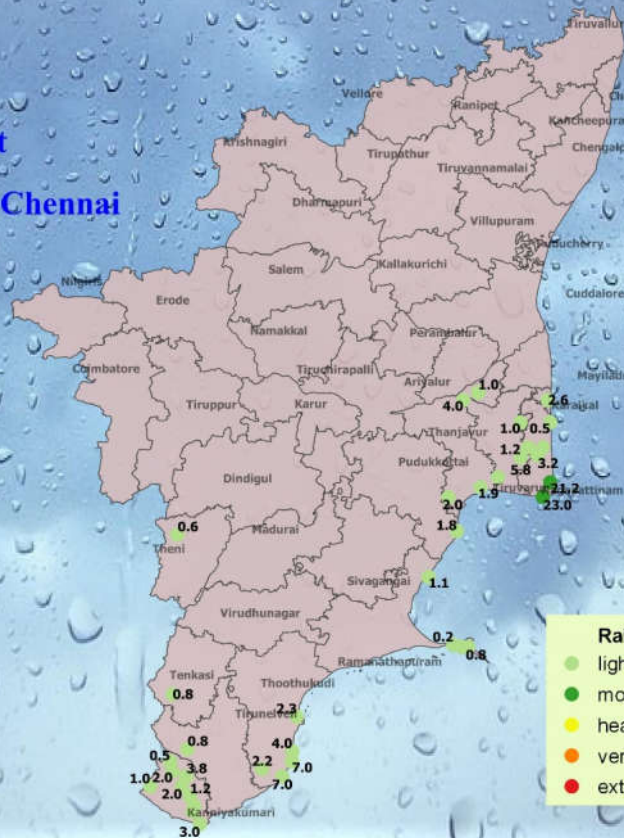
**Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 20/12/2022)**



India Meteorological Department

Regional Meteorological Centre, Chennai

Date : 20/12/2022





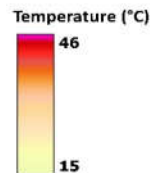
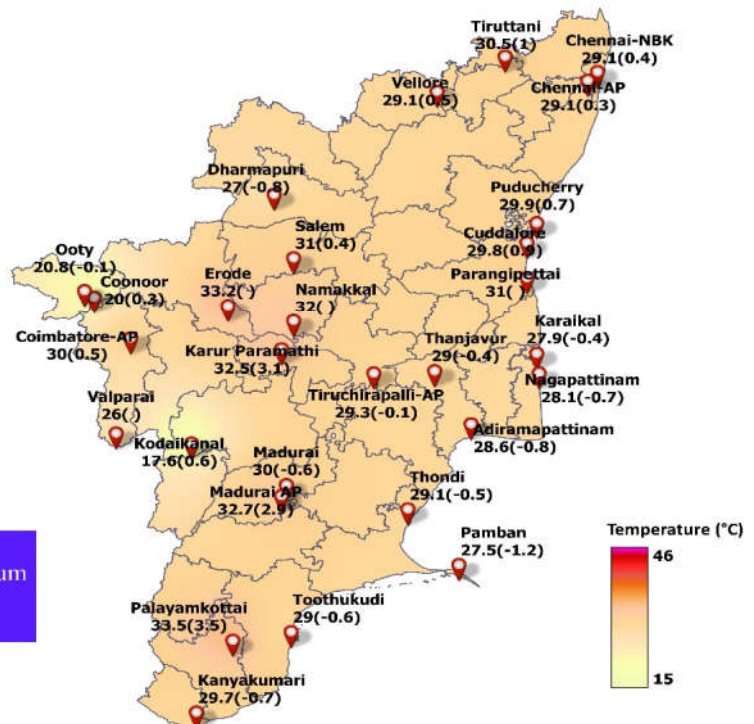
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 20/12/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 20/12/2022

The highest temperature recorded : 33.5°C
Place : Palayamkottai

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



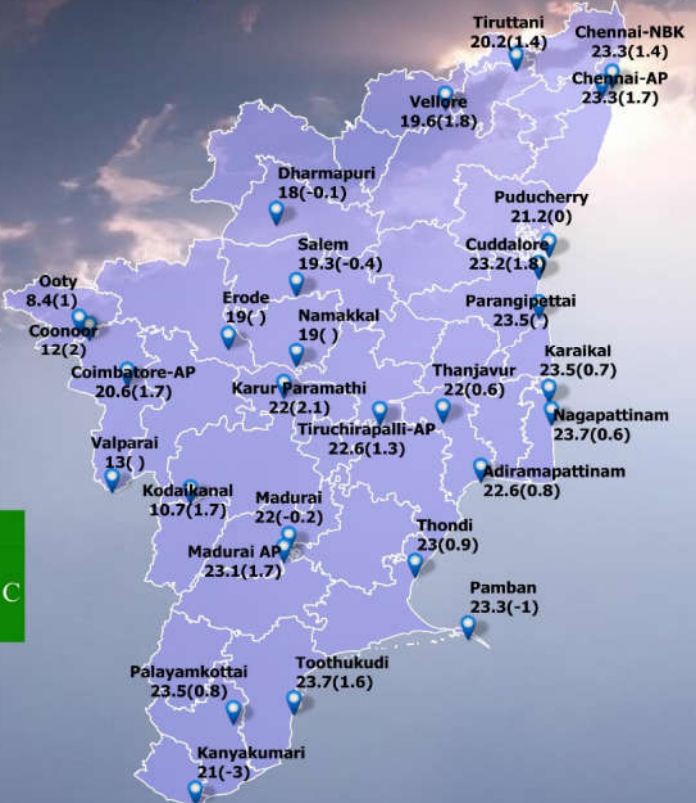
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 20/12/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 20/12/2022

The lowest temperature recorded in the plains : 18°C
Place : Dharmapuri
The lowest temperature recorded in the hilly region : 8.4°C
Place : Ooty

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



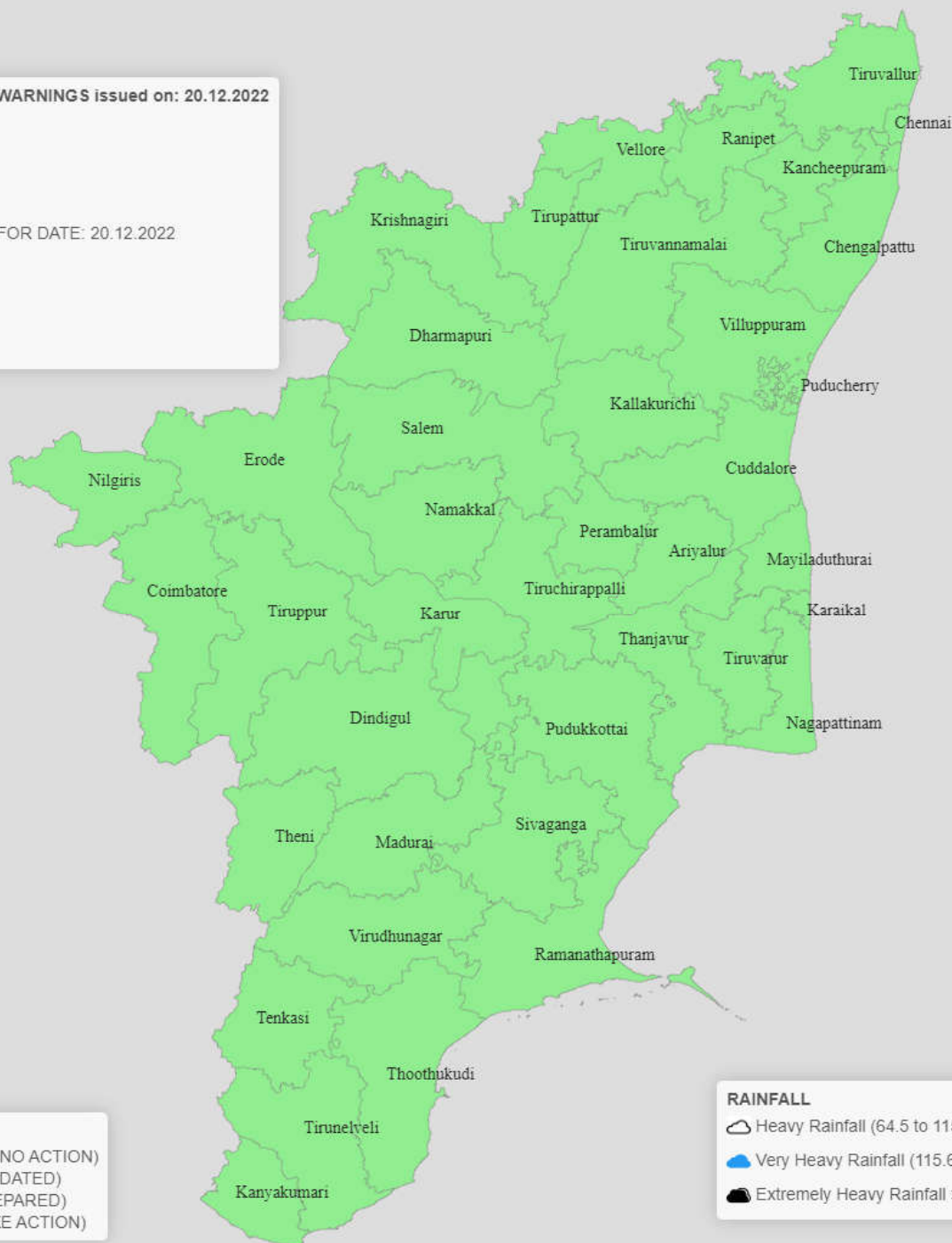


HEAVY RAINFALL WARNINGS issued on: 20.12.2022



India Meteorological Department
Regional Met Centre, Chennai

FOR DATE: 20.12.2022



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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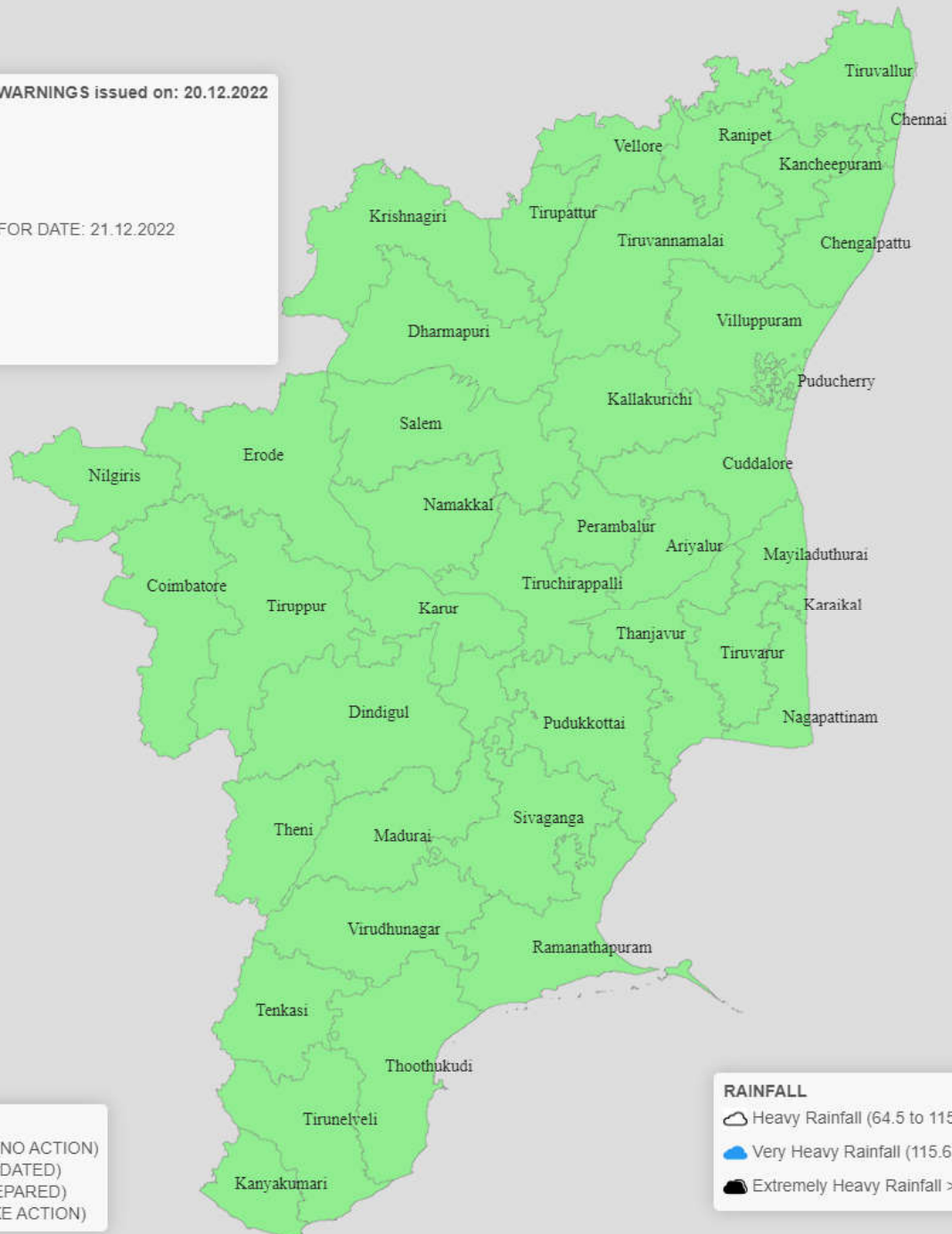
HEAVY RAINFALL WARNINGS issued on: 20.12.2022

India Meteorological Department
Regional Met Centre, Chennai

FOR DATE: 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

Leaflet

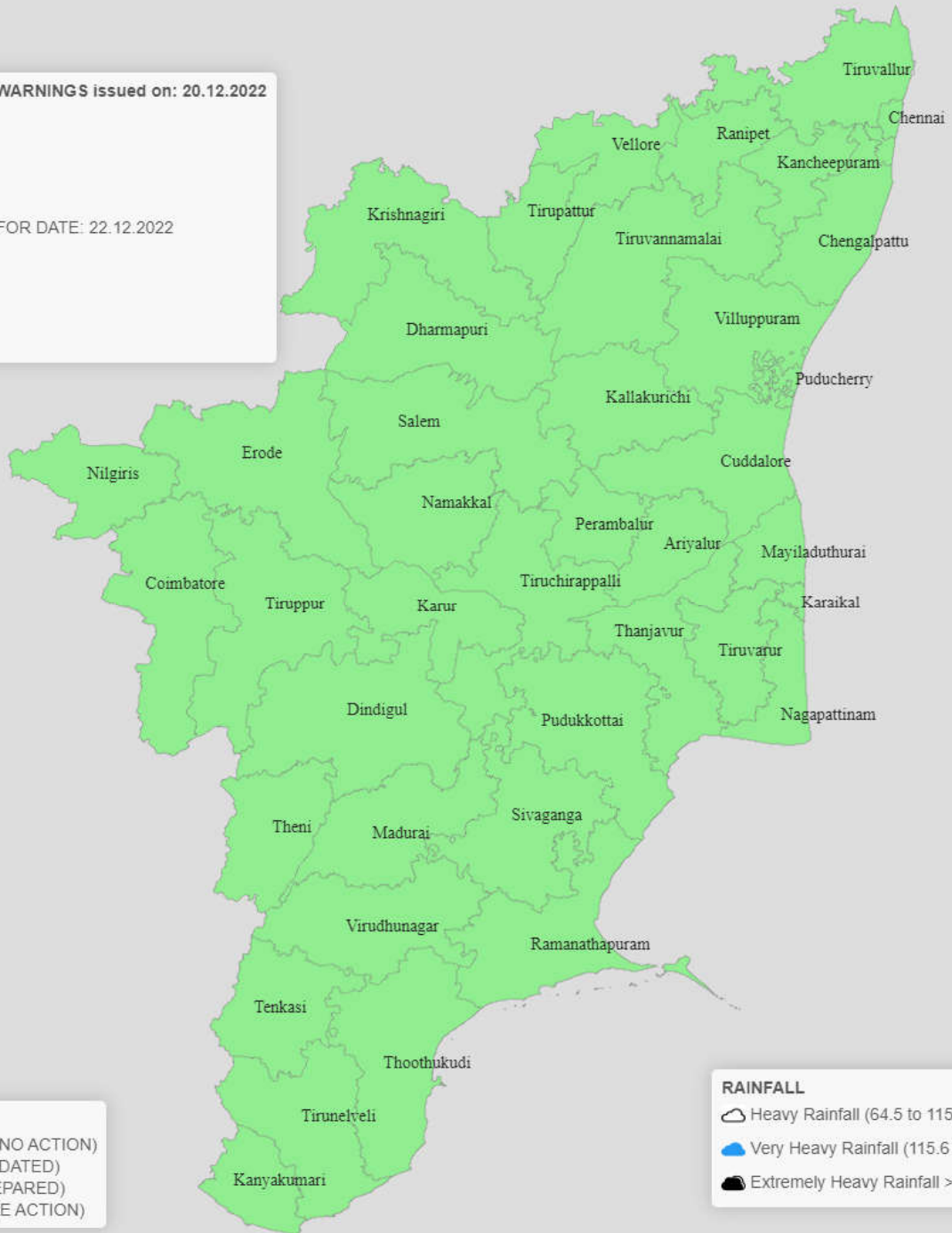
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HEAVY RAINFALL WARNINGS issued on: 20.12.2022



FOR DATE: 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

Leaflet

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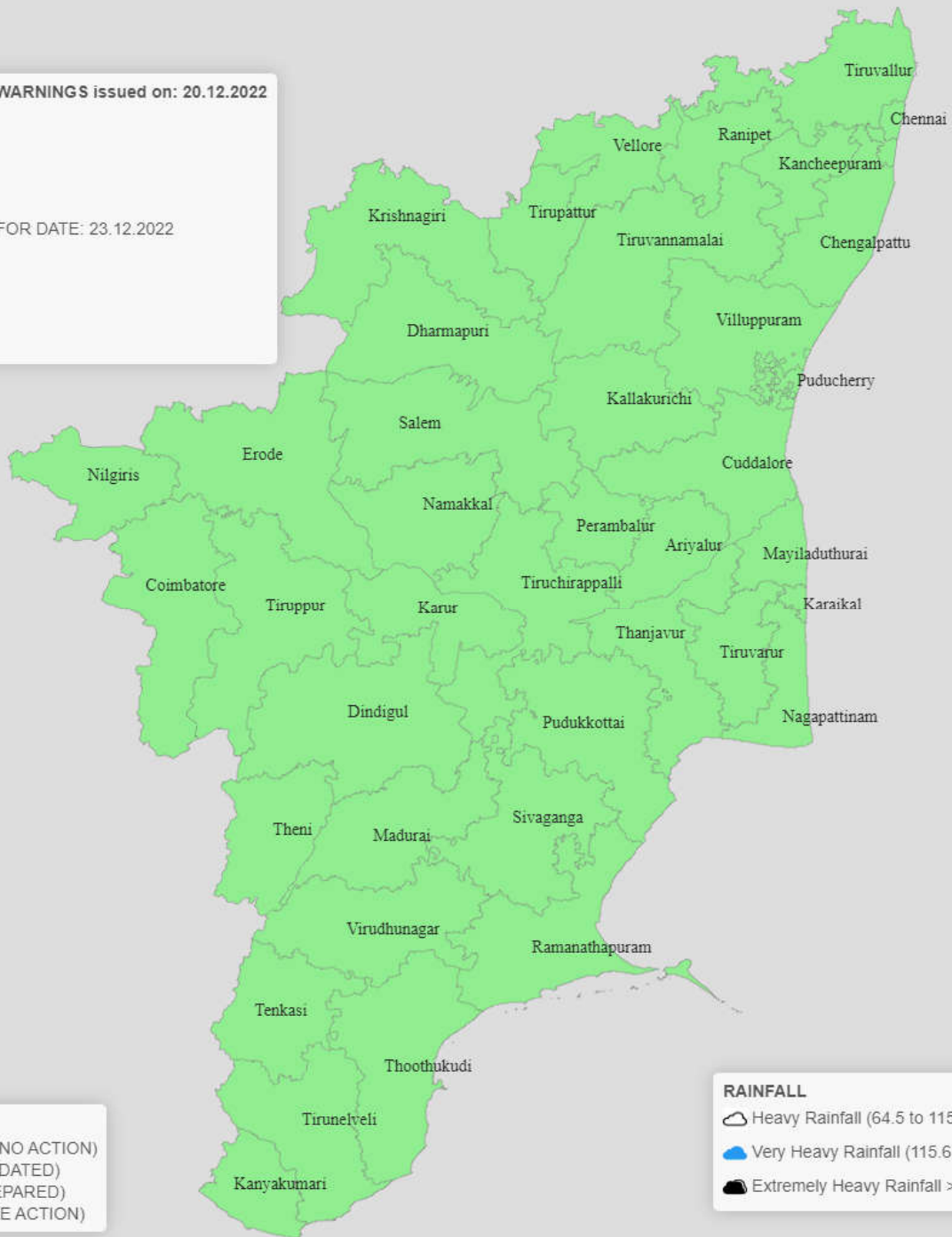
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HEAVY RAINFALL WARNINGS issued on: 20.12.2022



FOR DATE: 23.12.2022

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

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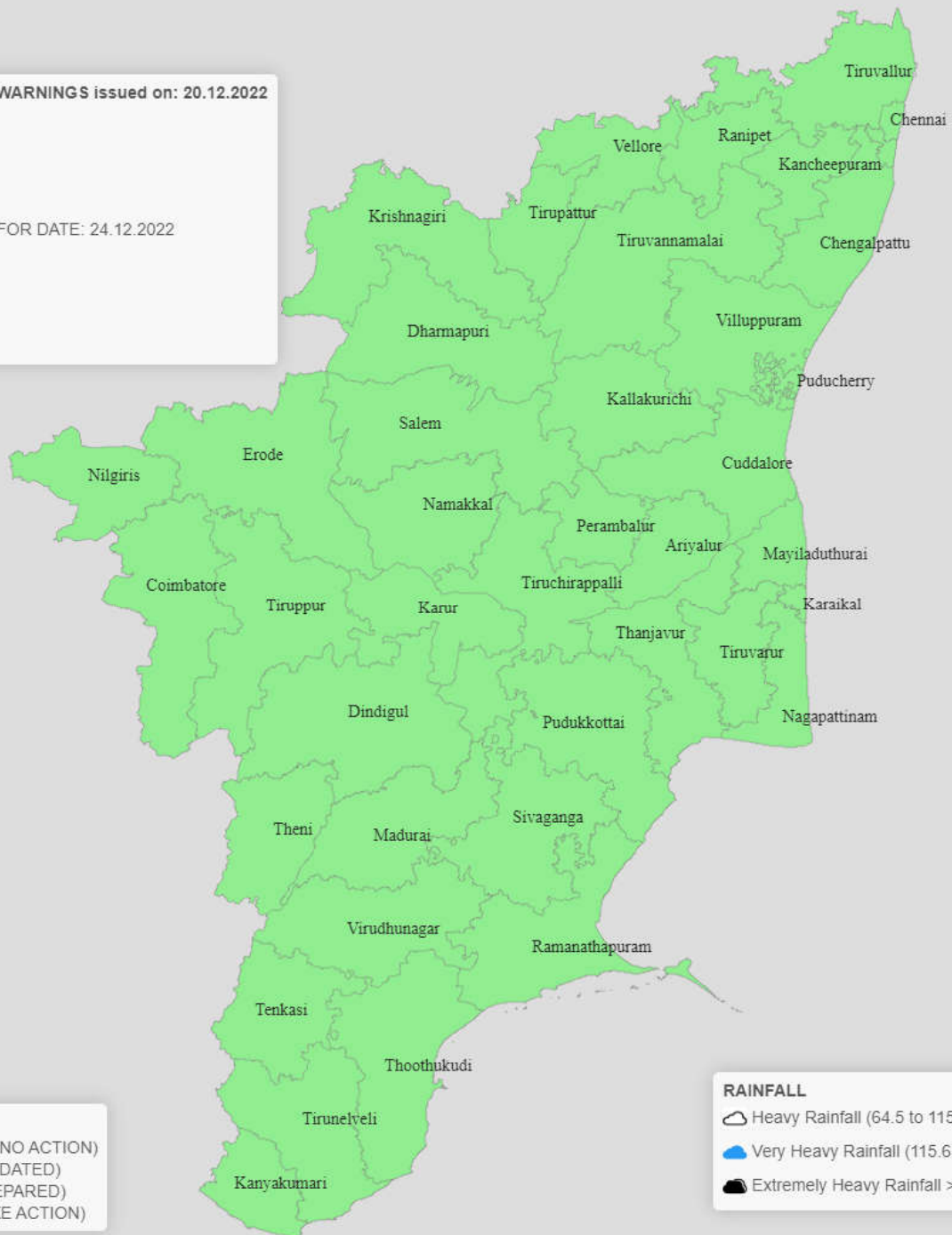
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HEAVY RAINFALL WARNINGS issued on: 20.12.2022



India Meteorological Department
Regional Met Centre, Chennai

FOR DATE: 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

Leaflet

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

