

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: Thursday, December 1, 2022 (10 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 isolated places over Tamilnadu and Karaikal area. Dry weather prevailed over Puducherry.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Kodiayakarai (dist Nagapattinam) 8, Vedaranyam (dist Nagapattinam) 5, Chidambaram AWS (dist Cuddalore), Alanguudi (dist Pudukkottai), Madukkur (dist Thanjavur), Chidambaram (dist Cuddalore), Mahabalipuram (dist Chengalpattu), Vamban Agro (dist Pudukkottai) 3 each, Tarangambadi (dist Mayiladuthurai), Pudukkottai (dist Pudukkottai), Annamalai Nagar (dist Cuddalore), Sirkali (dist Mayiladuthurai), Pattukottai (dist Thanjavur), Padalur (dist Perambalur), Malaiyur (dist Pudukkottai), Manalmedu (dist Mayiladuthurai) 2 each, Adirampatnam (dist Thanjavur), Kancheepuram (dist Kancheepuram), Theerthandathanam (dist Ramanathapuram), Chennai Airport (dist Chennai), Vattanam (dist Ramanathapuram), Parangipettai (dist Cuddalore), Kollidam (dist Mayiladuthurai), Red Hills (dist Tiruvallur), Karaikal (dist Karaikal), Tondi (dist Ramanathapuram), Manamelkudi (dist Pudukkottai), Maduranthagam (dist Chengalpattu), MRC Nagar ARG (dist Chennai), Tirur Agro (dist Tiruvallur) 1 each.

DESCRIPTION OF TEMPERATURE:

Namakkal recorded lowest minimum temperature of 16.5 °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 Nilgiris and Coimbatore.
Appreciable rise (2.1 ° C to 4.0°)	Over Chennai, Cuddalore, Vellore and Puducherry.
Markedly rise (4.1° c or more)	Over Tiruvallur.
No large change (-2.0° C to 2.0° C)	Over the rest of subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	Over Vellore and Tiruvallur
Above Normal (1.6 ° C to 3.0 ° C)	Over Chennai, Cuddalore, Thanjavur, Tirupattur, Tiruchirapalli and Nagapattinam;
Below normal (-1.6 ° to -3.0 ° C)	Over Nilgiris and Karur.
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

Light to moderate Easterlies/ Northeasterlies prevail over the region in the lower tropospheric levels. A Low Pressure Area is likely to form over Southeast Bay of Bengal & adjoining south Andaman Sea around 05th December. It is likely to move westnorthwestwards and concentrate into a Depression over Southeast Bay of Bengal during next 48 hours. Thereafter, it is likely to continue to move west-northwestwards and reach near Tamilnadu Puducherry coasts on 08th December, 2022.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(01-12-2022)	Light to moderate rain is likely to occur at a few places with isolated Thunderstorm & lightning over Coastal Tamilnadu, Puducherry & Karaikal area. Light to moderate rain is likely to occur at one or two places with isolated Thunderstorm & lightning over Interior Tamilnadu.
Day 2(02-12-2022)	Light to moderate rain is likely to occur at a few places with isolated Thunderstorm & lightning over Tamilnadu, Puducherry & Karaikal area.
Day 3(03-12-2022)	Light to moderate rain is likely to occur at many places with isolated Thunderstorm & lightning over Coastal Tamilnadu, Puducherry & Karaikal area. Light to moderate rain is likely to occur at one or two places with isolated Thunderstorm & lightning over Interior Tamilnadu.
Day 4(04-12-2022)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.
Day 5(05-12-2022)	Light to moderate rain is likely to occur at isolated places over North Tamilnadu, Puducherry & Karaikal area. Light to moderate rain is likely to occur at a few places over south Tamilnadu.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be generally cloudy. Light/moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum and minimum temperature is likely to be around 30 °C and 24-25°C respectively.

For next 48 HRS: Sky condition is likely to be generally cloudy. Light/moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum and minimum temperature is likely to be around 30 °C and 24-25°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

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:01-12-2022 (10 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 1-10-2022	Departure from normal	Year's total from 1-1-2022	Annual normal	
	°C	°C	°C	°C	%	%	mm	mm	mm	cm	cm	
Adiramapatinam	31.3	1.6	22.0	-0.2	94	8	13.4	316.4	-197.8	146	124	r
Chennai	30.7	1.2	25.2	2.9	90	8	0.6	697.8	17.4	133	140	r
Chennai_AP	30.3	0.8	24.5	2.4	94	12	12.4	655.6	-14.3	122	138	r
Coimbatore_AP	29.0	-0.8	19.0	-0.8	75	-7	0	156	-107.8	52	59	m*
Coonoor	19.0	-0.7	9.0	-1.8	50	-26	0	428.7	-292.5	149	159	
Cuddalore	30.0	0.7	24.0	2.2	95	8	1.7	723.9	64.6	131	134	r
Dharmapuri	27.5	-1	19.5	0.7	87	9	0	282	0.4	99	91	z*
Erode	32.2	--	17.4	--	84	--	0	274.4	--	108	--	
Kanyakumari	31.0	0.6	24.4	0.4	72	-2	0	221.2	-111.2	50	75	
KarurParamathi	33.0	3.3	18.5	-2.1	83	0	0	320.8	44.1	74	59	
Karaikal	30.0	1.2	23.7	0.7	95	9	0	550.3	-204.5	111	150	
Kodaikanal	19.5	2.7	8.0	-1.4	100	23	0	499.3	-0.7	211	158	
Madurai City	30.0	-1.0	21.1	1.5	88	12	0	482.0	--	122	--	
Madurai_AP	31.4	1.3	22.0	0.1	87	8	0	357.6	37.5	105	85	
Nagapattinam	30.2	0.8	25.0	1.7	89	3	1.7	393.6	-323.3	115	143	r
Namakkal	31.0	--	16.5	--	--	--	0	439.0	--	--	--	
Palayamkottai	33.5	2.8	23.8	0.5	76	-7	0	191.4	-197.4	49	73	
Pamban	N.A	--	N.A	--	100	19	6.8	447.3	-64.9	87	91	r
Parangipettai	32.2	--	24.5	--	96	--	10.4	752.8	41.4	137	139	r
Puducherry	31.2	1.5	22.4	0.2	91	2	0.2	549.2	-91.7	112	134	r
Salem	30.1	-0.8	18.6	-1.4	84	8	0	295.7	15.2	121	102	z*
Thanjavur	30.0	0.5	24.4	2.9	82	-5	0	286.8	-171.3	87	95	
Thirupattur	27.2	-2.2	21.4	2.3	93	10	0	360.7	135	136	95	m*
Tiruchirappalli_AP	30.7	1	24.0	2.1	84	3	0	199.7	-116.1	83	87	m*
Tiruthani	31.0	0.8	23.2	3.9	91	15	2	347.2	-24.6	98	101	r
Tondi	31.2	1.4	23.0	0.4	89	6	8.2	395.5	-17	88	88	r
Thoothukudi	30.2	0.1	24.0	1.5	83	0	0	293.7	-127.6	56	63	
Uthagamandalam	20.2	-0.2	5.7	-1.7	31	-43	0	289.8	-29	171	116	
Valparai	24.5	--	12.0	--	91	--	0	626	246.1	485	--	
Vellore	29.9	0.7	22.0	3.2	96	9	2.2	300.3	-8.8	97	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

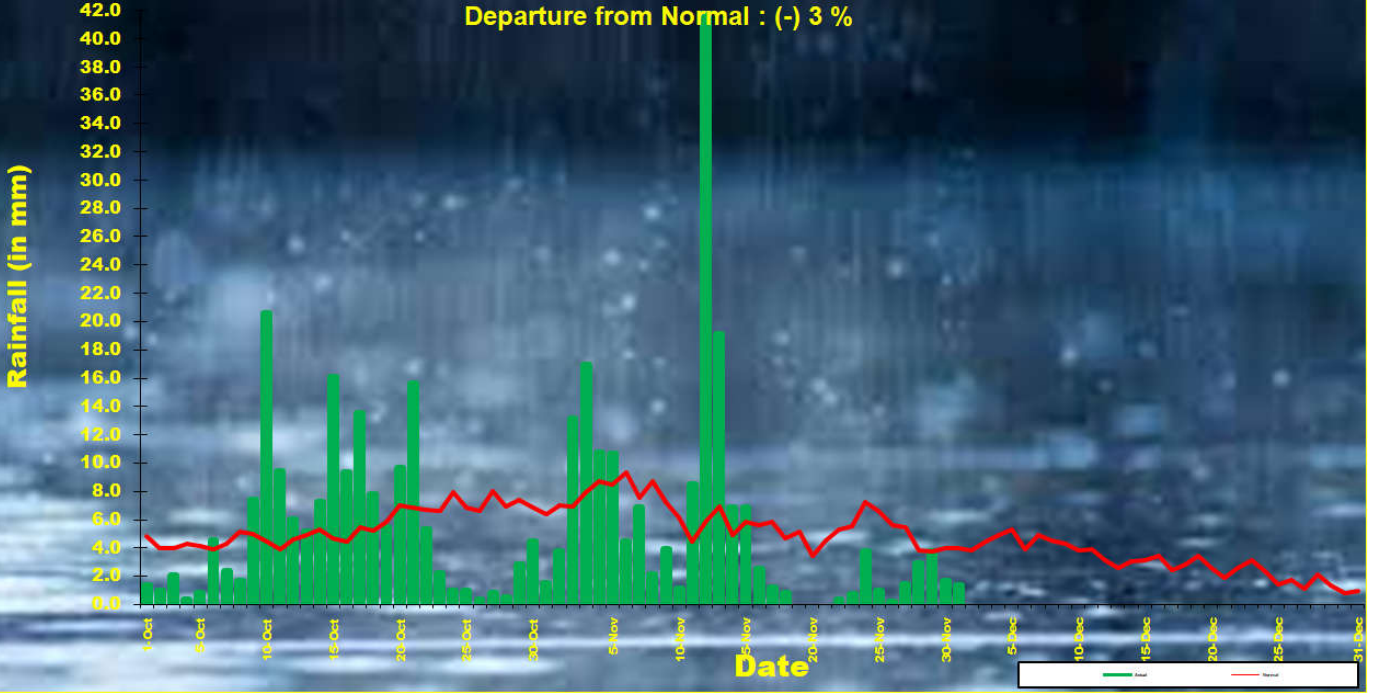
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		01.12.2022			From 01.10.2022 to 01.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	1.3	4	-69	345.0	356.8	-3
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	3.2	3.9	-18	238.9	376.5	-37
687	CHENGALPATTU	5.5	9.0	-39	531.4	554.5	-4
461	CHENNAI	3.0	7.2	-58	664.4	652.2	2
462	COIMBATORE	0.0	1.4	-100	363.9	294.1	24
463	CUDDALORE	4.2	8.0	-48	499.3	525.1	-5
464	DHARMAPURI	0.0	2.2	-100	297.7	276.6	8
465	DINDIGUL	0.6	2.5	-76	427.1	378.8	13
466	ERODE	0.0	1.7	-100	443.4	270.3	64
688	KALLAKURICHI	0.0	4.3	-100	279.2	353.3	-21
467	KANCHEEPURAM	3.8	8.3	-54	533.6	459.7	16
468	KANYAKUMARI	0.0	4.2	-100	467.5	473.7	-1
636	KARAIKAL	8.3	14.6	-43	559.1	754.8	-26
469	KARUR	0.0	3.1	-100	262.1	264.9	-1
470	KRISHNAGIRI	0.0	1.4	-100	298.1	248.8	20
471	MADURAI	0.4	2.0	-82	377.5	318.9	18
695	MAYILADUTHURAI	13.9	9.7	44	744.4	652.8	14
472	NAGAPATTINAM	18.5	10.8	71	485.6	680.1	-29
473	NAMAKKAL	0.0	1.6	-100	342.2	237.7	44
474	NILGIRIS	0.0	4.3	-100	309.6	427.0	-27
475	PERAMBALUR	1.5	4.3	-64	289.4	350.6	-17
476	PUDUCHERRY	0.2	13.3	-98	549.5	640.9	-14
477	PUDUKKOTTAI	3.8	3.0	28	232.7	300.1	-22
478	RAMANATHAPURAM	3.3	5.1	-36	324.6	400.5	-19
689	RANIPET	0.3	4.0	-92	288.3	322.4	-11
479	SALEM	0.0	1.9	-100	292.3	287.9	2
480	SIVAGANGA	0.7	2.6	-73	321.5	341.6	-6
690	TENKASI	0.0	4.6	-100	336.3	388.8	-14
481	THANJAVUR	3.8	6.2	-38	304.7	431.0	-29
482	THENI	0.0	2.0	-100	354.9	313.4	13
483	TIRUNELVELI	0.1	7.2	-98	283.4	396.5	-29
691	TIRUPATTUR	0.0	2.3	-100	297.8	226.5	31
535	TIRUPPUR	0.0	1.8	-100	333.3	265.9	25
484	TIRUVALLUR	2.5	6.1	-59	489.7	498.3	-2
485	TIRUVANNAMALAI	0.7	4.0	-83	347.1	355.8	-2
486	TIRUVARUR	2.1	8.6	-76	309.8	528.5	-41
488	TOOTHUKUDI	0.1	6.3	-98	252.6	358.3	-30
487	TRICHY	0.0	3.3	-100	220.9	305.9	-28
489	VELLORE	0.3	3.6	-91	216.6	306.3	-29
490	VILLUPURAM	0.7	5.7	-88	371.4	407.6	-9
491	VIRUDHUNAGAR	0.0	3.1	-100	362.2	336.0	8
	SUBDIVISION RAINFALL	1.3	4.0	-68	345.7	357.9	-3
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 01.12.2022 Actual: 345.7 (mm) Normal: 357.9 (mm)
 Departure from Normal : (-) 3 %

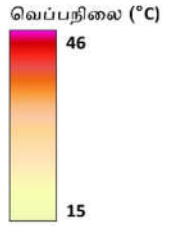
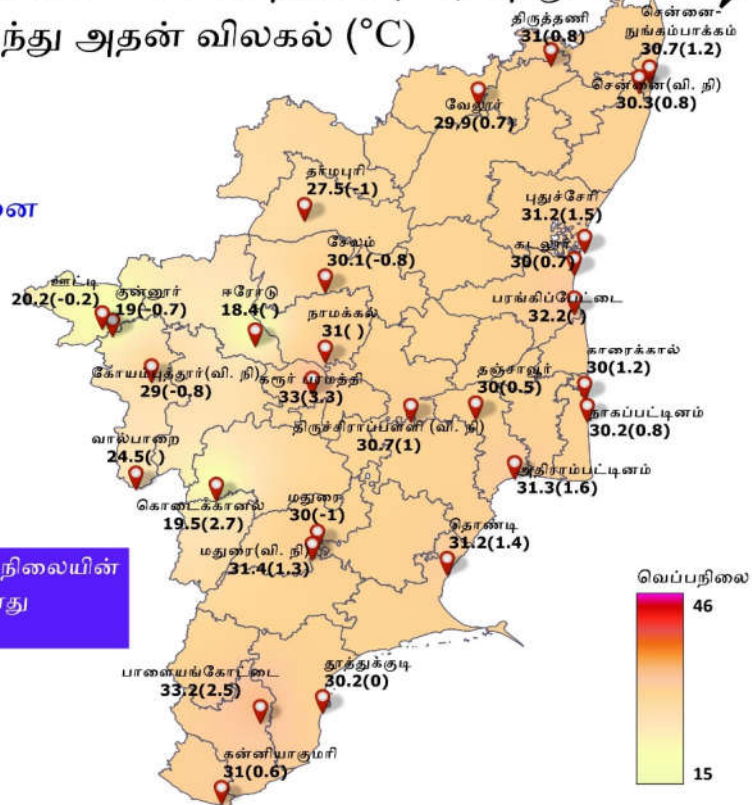


01/12/2022 காலை 8.30 மணியுடன் முடிவடைந்த 24 மணி
 நேரத்தில் பதிவான அதிகபட்ச வெப்பநிலை (°C) மற்றும்
 இயல்பிலிருந்து அதன் விலகல் (°C)

இந்திய வானிலைத் துறை
 மண்டல வானிலை நிலையம், சென்னை
 தேதி: 01/12/2022

அதிகபட்ச வெப்பநிலை : 33.2° C
 இடம் : பாளையங்கோட்டை

குறிப்பு: இயல்பிலிருந்து அதிகபட்ச வெப்ப நிலையின்
 விலகல் அடைப்புக் குறியில் கொடுக்கப்பட்டுள்ளது
 வி.நி : விமான நிலையம்



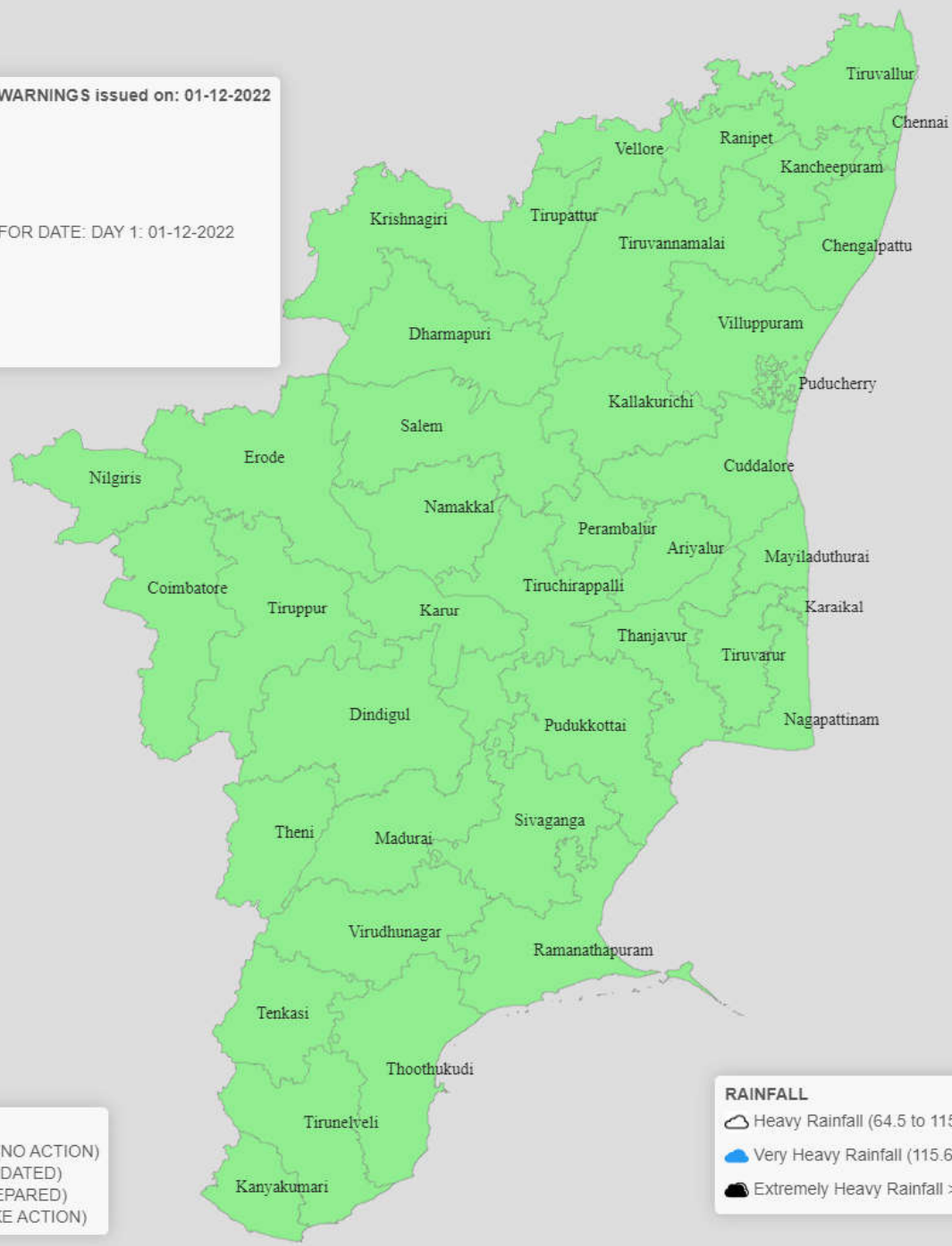


HEAVY RAINFALL WARNINGS issued on: 01-12-2022



FOR DATE: DAY 1: 01-12-2022

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

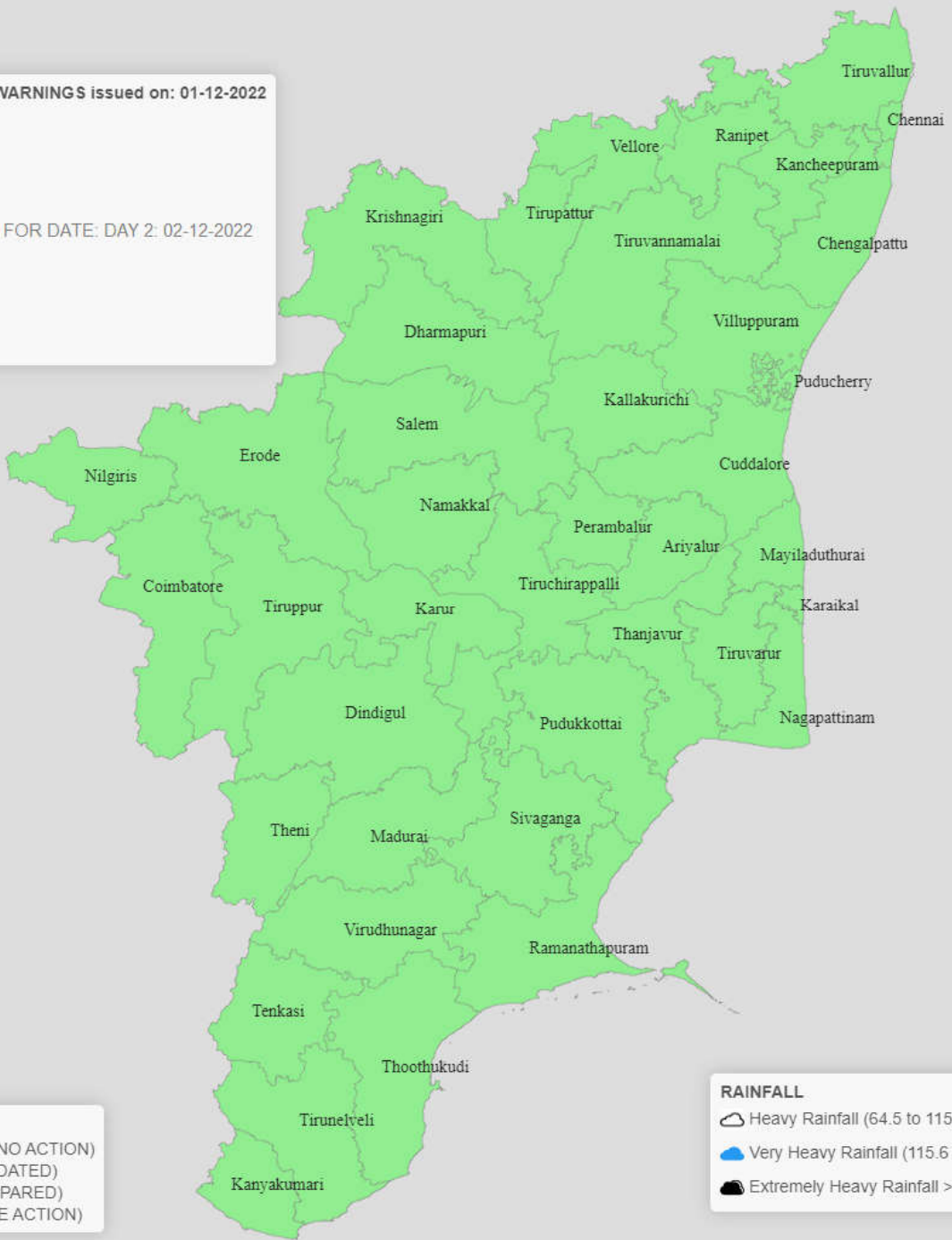
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HEAVY RAINFALL WARNINGS issued on: 01-12-2022



FOR DATE: DAY 2: 02-12-2022



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

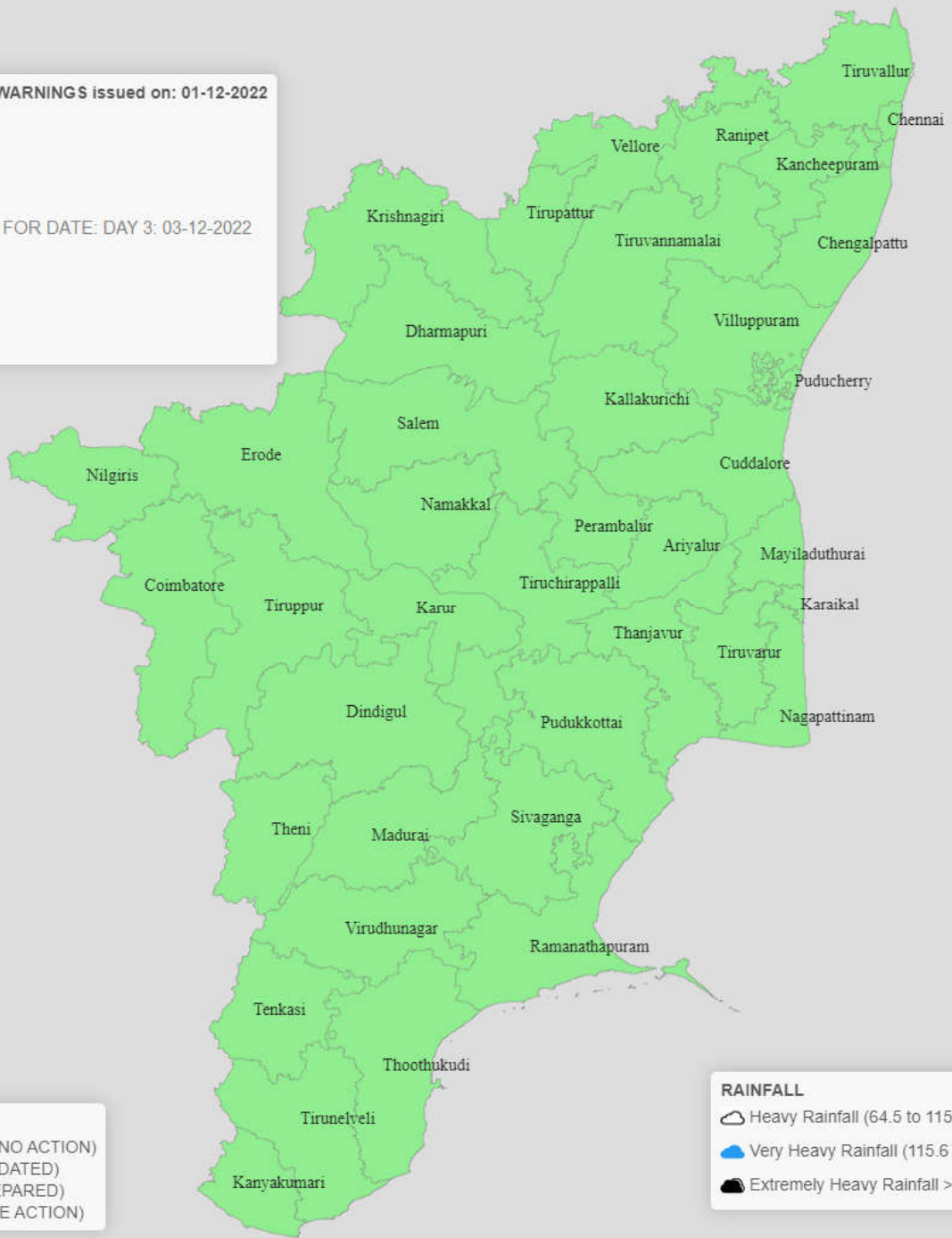
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HEAVY RAINFALL WARNINGS issued on: 01-12-2022



FOR DATE: DAY 3: 03-12-2022



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

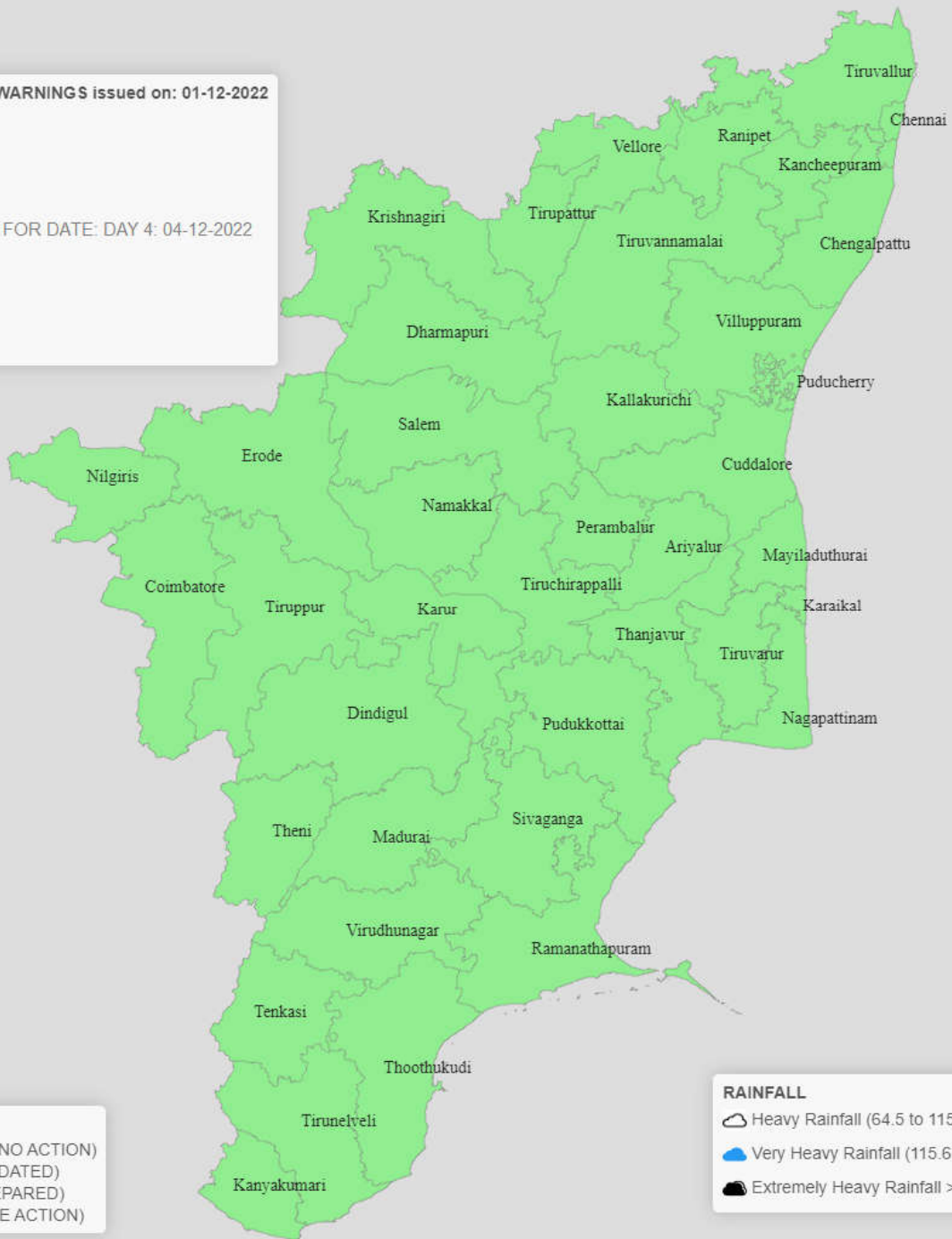
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HEAVY RAINFALL WARNINGS issued on: 01-12-2022



FOR DATE: DAY 4: 04-12-2022



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

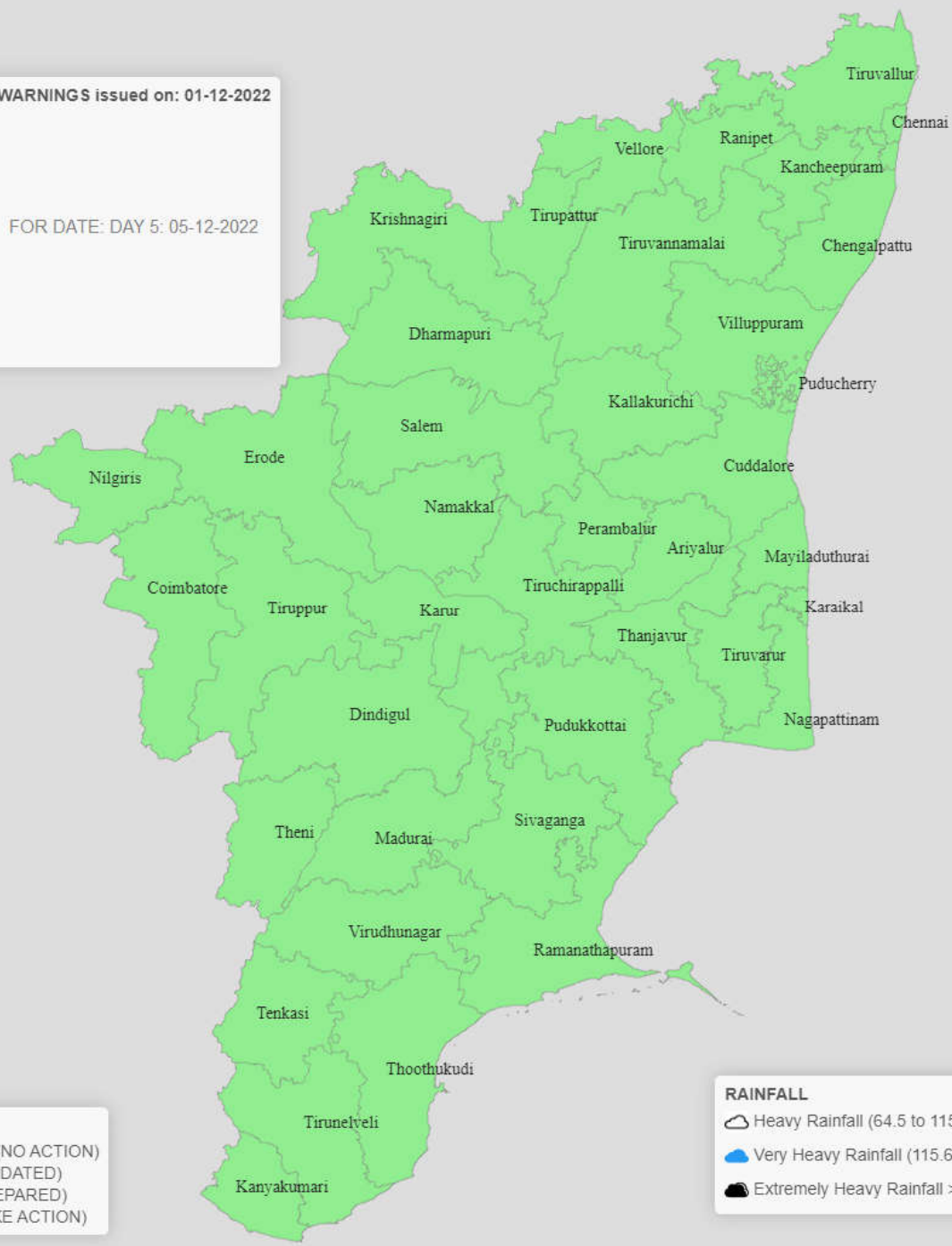


HEAVY RAINFALL WARNINGS issued on: 01-12-2022



FOR DATE: DAY 5: 05-12-2022

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

LEGEND:

Spatial rainfall distribution:

% Stations reporting Rainfall	Category
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:

24-hr accumulated rainfall (cm/day)	Category
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:

Rainfall percentage departure from normal	Category
≥ +60%	Large excess
+20% to +59%	Excess
-19% to +19%	Normal
-20% to -59%	Deficient
≤ -60%	Largely deficient

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