

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: Sunday, December 11, 2022 (20 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 a few places over Tamilnadu; Very light rainfall occurred over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Yercaud (dist Salem) 10, Vadapudupattu (dist Tirupattur) 9, Ambur (dist Tirupattur) 8, Wallajah (dist Ranipet), Arcot (dist Ranipet), Ammoor (dist Ranipet) 7 each Alangayam (dist Tirupattur), Chinnakalar (dist Coimbatore) 6 each Jamunamarathur (dist Tiruvannamalai), R.k.pet (dist Tiruvallur), Uthagamandalam (dist Nilgiris), Naduvattam (dist Nilgiris), Kodanad (dist Nilgiris), Vaniyambadi (dist Tirupattur), Glenmorgan (dist Nilgiris), Valparai PTO (dist Coimbatore) 5 each Kothagiri (dist Nilgiris), Katpadi (dist Vellore), Cincona (dist Coimbatore), Sholingur (dist Ranipet), Melalathur (dist Vellore), Lower Kothaiyar Arg (dist Kanyakumari), Ammundi (dist Vellore), Valparai Pap (dist Coimbatore), Virinjipuram Aws (dist Vellore), Ambathur (dist Tiruvallur) 4 each Valparai Taluk Office (dist Coimbatore), Vellore, Kattukuppam Arg (dist Kancheepuram), Poonamalle Arg (dist Tiruvallur), Sholayar (dist Coimbatore), Shoolagiri (dist Krishnagiri), Tirupattur (dist Tirupattur), Ketti (dist Nilgiris), Gudiyatham (dist Vellore), Tcs Mill Kethandapatti (dist Tirupattur), Dgp Office (dist Chennai), Natrampalli (dist Tirupattur), Hosur (dist Krishnagiri), Mahabalipuram (dist Chengalpattu), Krishnagiri (dist Krishnagiri) 3 each Pallipattu (dist Tiruvallur), Barwood (dist Nilgiris), Eraniel (dist Kanyakumari), Kaveripakkam (dist Ranipet), Rayakottah (dist Krishnagiri), Kalavai Pwd (dist Ranipet), Colachel (dist Kanyakumari), Danishpet (dist Salem), Arani (dist Tiruvannamalai), Dharmapuri PTO (dist Dharmapuri), Shanthi Vijaya School (dist Nilgiris), Tirupathur PTO (dist Tirupattur), Devala (dist Nilgiris), Upper Gudalur (dist Nilgiris), G Bazar (dist Nilgiris), Harisan Malayalam Ltd. (dist Nilgiris) 2 each Kallaty (dist Nilgiris), Thirukalukundram (dist Chengalpattu), Chennai AP (dist Chennai), Kancheepuram (dist Kancheepuram), Anaimaduvu Dam (dist Salem), Thuckalay (dist Kanyakumari), Chennai Nungambakkam, Marandahalli (dist Dharmapuri), Taluk Office Pandalur (dist Nilgiris), Chembarabakkam (dist Tiruvallur), Wood Braiyar Estate (dist Nilgiris), Uthangarai (dist Krishnagiri), Taramani Arg (dist Chennai), Pennagaram (dist Dharmapuri), Denkanikottai (dist Krishnagiri), Chengam (dist Tiruvannamalai), Puzhal Arg (dist Tiruvallur), Omalur (dist Salem), Periyar (dist Theni), Harur (dist Dharmapuri), Cholvaram (dist Tiruvallur), Salem, Palacode (dist Dharmapuri), Polur (dist Tiruvannamalai), Krishnapuram (dist Perambalur), Thirupporur (dist Chengalpattu), Thali (dist Krishnagiri), Lakkur (dist Cuddalore), Nedungal (dist Krishnagiri), Poonamallee (dist Tiruvallur), Upper Bhavani (dist Nilgiris), Ayanavaram Taluk Office (dist Chennai), Pappireddipatti (dist Dharmapuri), Parangipettai (dist Cuddalore), Rscl-3 Valathy (dist Villupuram), Red Hills (dist Tiruvallur), Sankarapuram (dist Kallakurichi), Kuzhithurai (dist Kanyakumari), Barur (dist Krishnagiri) 1 each.

DESCRIPTION OF TEMPERATURE:

Salem, Namakkal 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°)	Over Cuddalore, Karaikal, Nagapattinam, Ramanathapuram, Puducherry, Thanjavur and Coimbatore.
Markedly rise (4.1° c or more)	-----
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 The Nilgiris and Vellore;
Above Normal (1.6 ° C to 3.0 ° C)	Over Thanjavur, Chennai, Coimbatore, Cuddalore, Dharmapuri, Karur, Madurai, Nagapattinam, Tirupattur, Tiruchirappalli and Ramanathapuram;
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 Low Pressure Area (remnant of the cyclonic storm "Mandous" pronounced as "ManDous") over north interior Tamil Nadu & neighbourhood weakened further into a Low Pressure Area over north interior Tamil Nadu and adjoining South Interior Karnataka & north Kerala at 0530 IST of today, 11th December 2022 and become less marked at 0830 IST of today, 11th December 2022. However, the associated cyclonic circulation persists over north interior Tamil Nadu and adjoining South Interior Karnataka & north Kerala and extends upto 5.8 km above mean sea levels.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(11-12-2022)	Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Tiruchirappalli, Salem, Namakkal, Karur, Dindigul, Erode, Nilgiris, Coimbatore, Tiruppur, Theni, Madurai, Virudhunagar, Tenkasi, Pudukkottai and Thanjavur districts of Tamilnadu.
Day 2(12-12-2022)	Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry & Karaikal area.
Day 3(13-12-2022)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.
Day 4(14-12-2022)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.
Day 5(15-12-2022)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 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 28 °C and 23-24 °C respectively.

For next 48 HRS: Sky condition is likely to be partly cloudy. Light/Moderate rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around 29-30 °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:11-12-2022 (20 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	29.9	0.4	23.6	1.9	84	-1	0	405.4	-188.3	155	124	
Chennai	25.1	-3.8	23.3	1.7	93	12	13.1	891.7	120.8	152	140	r
Chennai_AP	24.3	-4.6	22.4	1.0	98	15	14.8	855.2	95.4	142	138	r
Coimbatore_AP	28.0	-1.5	21.2	2.3	90	8	tr	170.1	-112.7	54	59	m*, d
Coonoor	18.5	-1.7	14.2	3.9	94	25	4.7	471.8	-317.6	153	159	r
Cuddalore	26.8	-2.2	23.0	1.9	91	5	0	823.1	55.8	141	134	
Dharmapuri	22.0	-5.8	20.0	1.8	96	17	18.0	317	17.8	102	91	r
Erode	27.6	--	19.4	--	90	--	0.4	293.0	--	110	--	r
Kanyakumari	29.9	-0.4	22.5	-1.5	90	19	0.4	250.2	-106.8	53	75	r
KarurParamathi	28.0	-1.5	21.5	1.7	79	-5	0	329.6	28.7	75	59	
Karaikal	27.0	-1.4	24.0	1.5	80	-6	tr	662.5	-207.7	122	150	d
Kodaikanal	14.8	-2.8	10.5	1.4	100	33	1.1	616	65	222	158	r
Madurai_AP	33.7	3.8	23.6	2.3	81	3	0	365.4	30.4	106	85	m*
Madurai City	28.4	-1.7	20.6	-1.4	81	3	0.0	503.8	--	125	--	
Nagapattinam	27.9	-1.1	24.3	1.6	92	5	tr	499.2	-341.8	125	143	z*, d
Namakkal	27.0	--	19.0	--	--	--	0.0	444.4	--	--	--	
Palayamkottai	32.4	1.9	23.5	0.7	75	-9	1.0	306.8	-121.5	61	73	r
Pamban	31.6	2.9	24.2	-0.2	79	-4	0	527.9	-65.4	95	91	
Parangipettai	27.2	--	23.2	--	95	--	8.0	835.4	0.79	145	139	r
Puducherry	25.6	-3.6	21.4	0	95	6	0.2	635.3	-108.6	120	134	r
Salem	23.2	-7.2	19.0	-0.2	95	19	10.6	314.5	17.2	122	102	r
Thanjavur	27.0	-2.7	24.0	2.8	83	-5	1.0	373.2	-144.6	96	95	r
Thirupattur	22.2	-6.8	20.6	2.2	95	10	17.2	396.1	148.6	139	95	r
Tiruchirappalli_AP	28.5	-1.0	23.4	2.3	91	10	0.8	242.6	-109.8	87	87	r
Tiruthani	23.0	-6.3	21.5	3.1	91	12	1.6	453.8	28.9	109	101	r
Tondi	33.4	3.9	24.8	2.7	82	-2	0	419.7	-42.8	90	88	
Thoothukudi	NA	--	NA	--	NA	--	NA	--	--	--	63	
Udagamandalam	12.4	-8.1	10.9	4.1	98	27	51.4	351.4	1.3	177	116	r
Valparai	19.0	--	15.5	--	92	--	44.8	727.8	327.2	495	--	r
Vellore	22.4	-6.3	21.1	3.2	98	11	34.7	375.9	29.6	104	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.

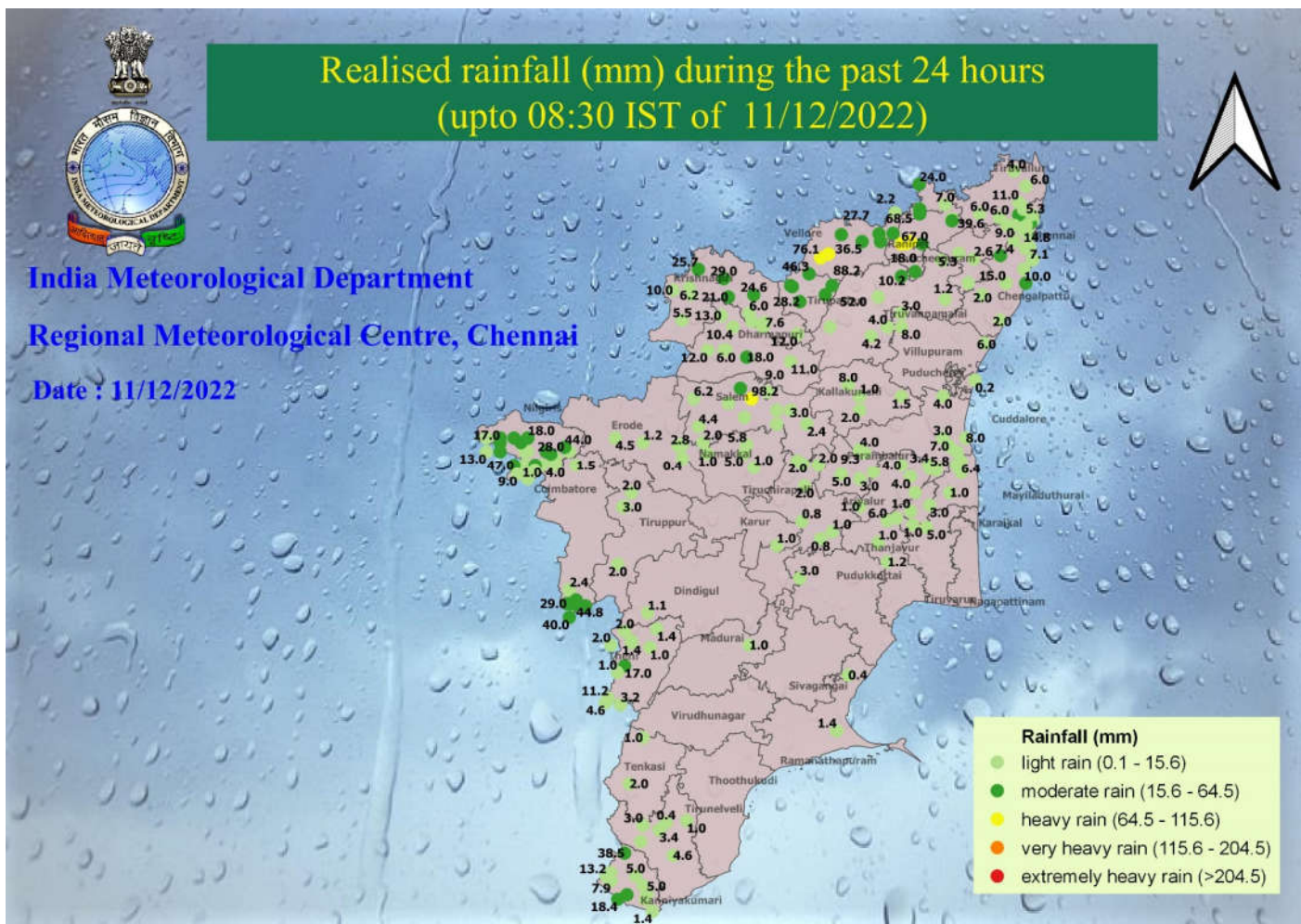
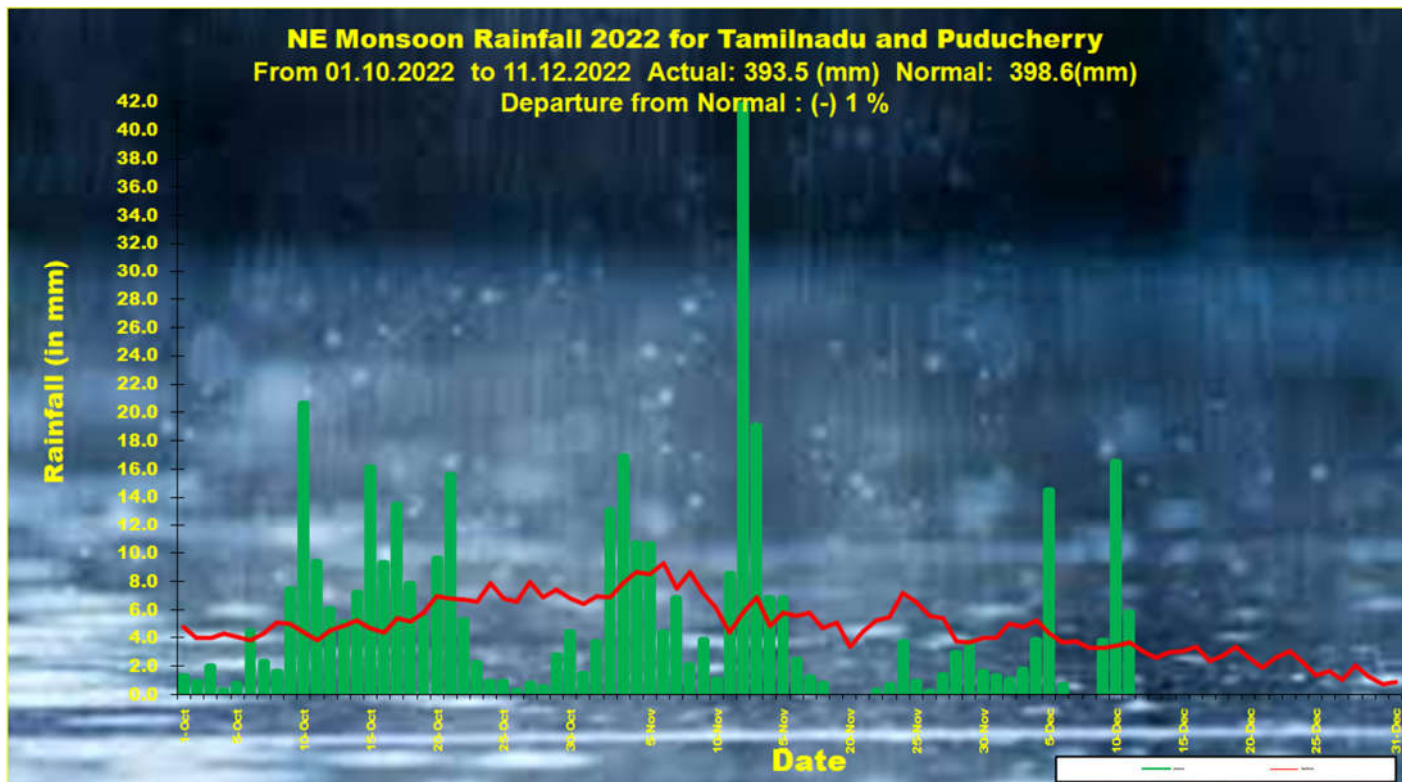
GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NE-MONSOON RAINFALL 2022		11.12.2022			From 01.10.2022 to 11.12.2022		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	5.8	3.8	52	392.6	397.3	-1
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	2.2	3.9	-44	303.9	437.5	-31
687	CHENGALPATTU	7.8	5.4	44	654.7	638.1	3
461	CHENNAI	9.9	5.2	90	840.8	731.9	15
462	COIMBATORE	16.5	2.5	561	412.4	315.3	31
463	CUDDALORE	2.1	7.6	-73	560.6	613.8	-9
464	DHARMAPURI	10.6	1.3	713	319.8	296.7	8
465	DINDIGUL	0.1	3.7	-97	470.4	413.5	14
466	ERODE	1.3	1.5	-16	459.5	288.3	59
688	KALLAKURICHI	1.0	5.4	-81	300.8	398.6	-25
467	KANCHEEPURAM	11.4	4.3	166	696.6	533.2	31
468	KANYAKUMARI	6.6	2.8	136	521.6	504.4	3
636	KARAIKAL	0.0	6.4	-100	671.3	870.2	-23
469	KARUR	0.1	1.8	-95	284.9	285.8	0
470	KRISHNAGIRI	13.3	0.7	1800	318.5	264.2	21
471	MADURAI	0.1	2.7	-98	396.3	337.7	17
695	MAYILADUTHURAI	1.7	8.2	-80	855.9	767.5	12
472	NAGAPATTINAM	0.0	6.5	-100	576.0	797.0	-28
473	NAMAKKAL	1.6	1.2	33	353.6	254.2	39
474	NILGIRIS	16.8	4.0	319	349.3	462.2	-24
475	PERAMBALUR	2.3	2.7	-16	317.1	390.6	-19
476	PUDUCHERRY	0.2	8.7	-98	635.6	743.9	-15
477	PUDUKKOTTAI	0.0	4.5	-100	270.6	340.9	-21
478	RAMANATHAPURAM	0.1	6.8	-98	366.6	458.3	-20
689	RANIPET	42.7	4.5	848	402.0	368.4	9
479	SALEM	11.4	1.8	535	316.2	311.5	1
480	SIVAGANGA	0.0	4.3	-100	356.6	376.0	-5
690	TENKASI	0.6	4.9	-88	360.4	423.3	-15
481	THANJAVUR	1.0	5.1	-81	388.6	502.5	-23
482	THENI	2.2	2.8	-22	380.5	334.2	14
483	TIRUNELVELI	2.6	5.8	-55	348.0	444.7	-22
691	TIRUPATTUR	46.2	1.4	3198	360.1	246.8	46
535	TIRUPPUR	0.6	2.0	-68	357.6	284.7	26
484	TIRUVALLUR	11.3	3.8	198	633.7	565.8	12
485	TIRUVANNAMALAI	9.2	4.0	130	432.2	403.0	7
486	TIRUVARUR	0.1	5.2	-98	414.5	624.8	-34
488	TOOTHUKUDI	0.0	5.3	-100	285.6	395.4	-28
487	TRICHY	0.2	3.2	-93	249.2	340.1	-27
489	VELLORE	31.8	3.7	759	280.4	341.5	-18
490	VILLUPURAM	1.0	6.8	-86	406.0	468.4	-13
491	VIRUDHUNAGAR	0.0	3.4	-100	380.1	363.4	5
	SUBDIVISION RAINFALL	5.8	3.7	56	393.5	398.6	-1
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					





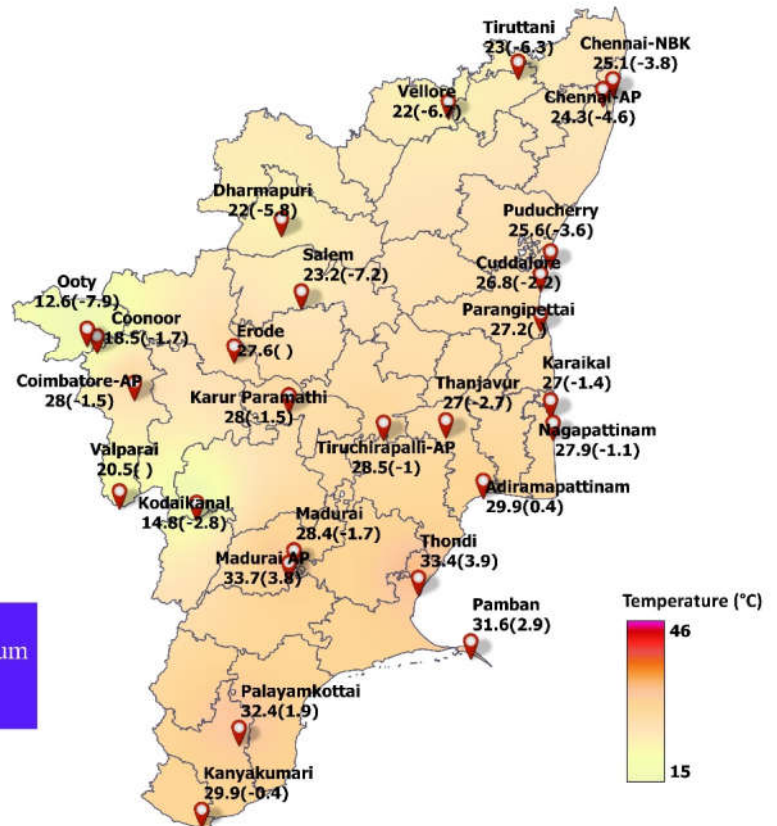
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 11/12/2022) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 11/12/2022

The highest temperature recorded : 33.7°C
Place : Madurai AP

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





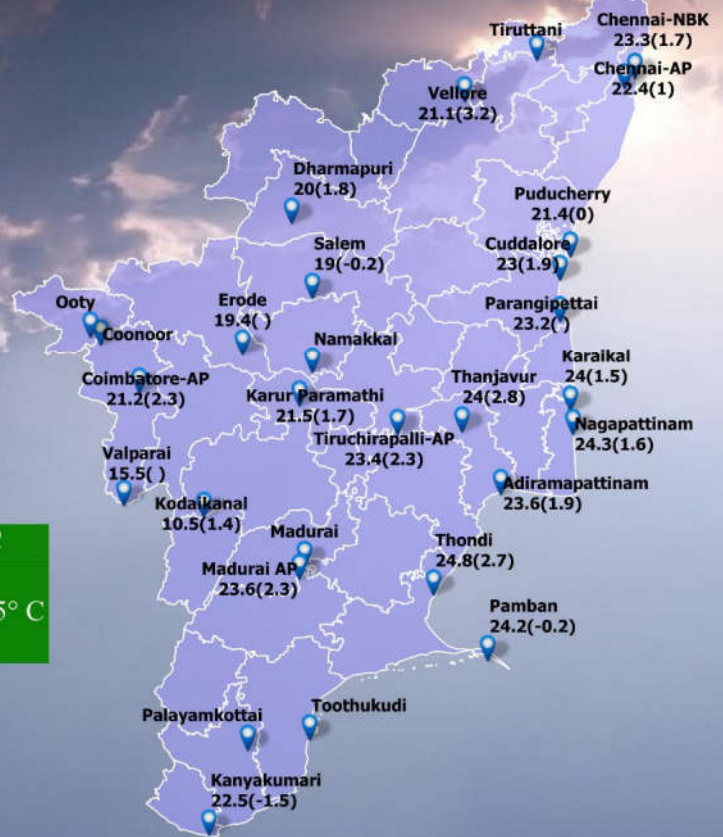
Realised Minimum Temperature ($^{\circ}\text{C}$) in the past 24 Hrs (upto 0830 IST of 11/12/2022) and its departure from normal($^{\circ}\text{C}$)



India Meteorological Department

Regional Meteorological Centre, Chennai

Date : 11/12/2022



The lowest temperature recorded in the plains : 19°C

Place : Salem

The lowest temperature recorded in the hilly region : 10.5°C

Place : Kodaikanal

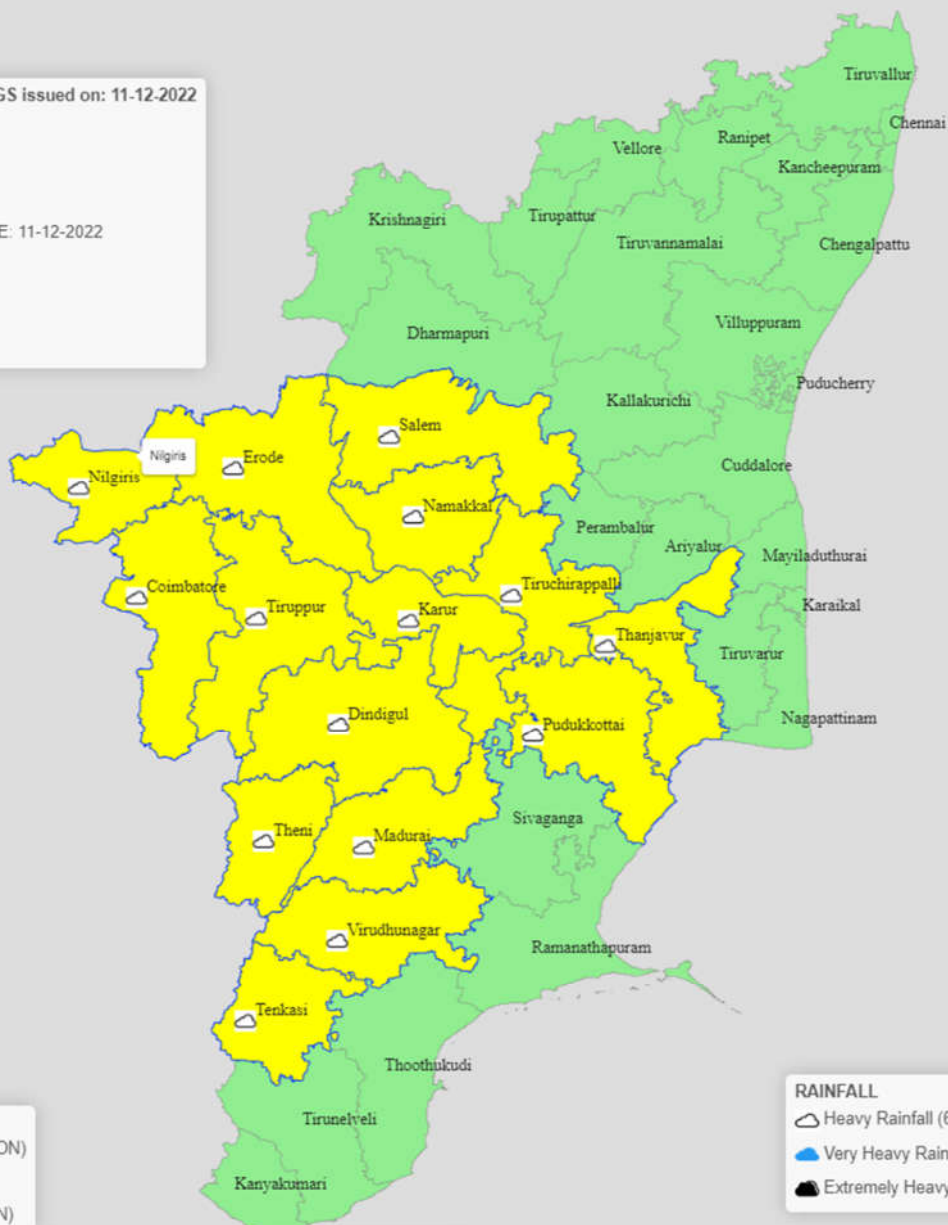
N.B. The departure from normal minimum temperature is given in brackets.



HEAVY RAINFALL WARNINGS issued on: 11-12-2022



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

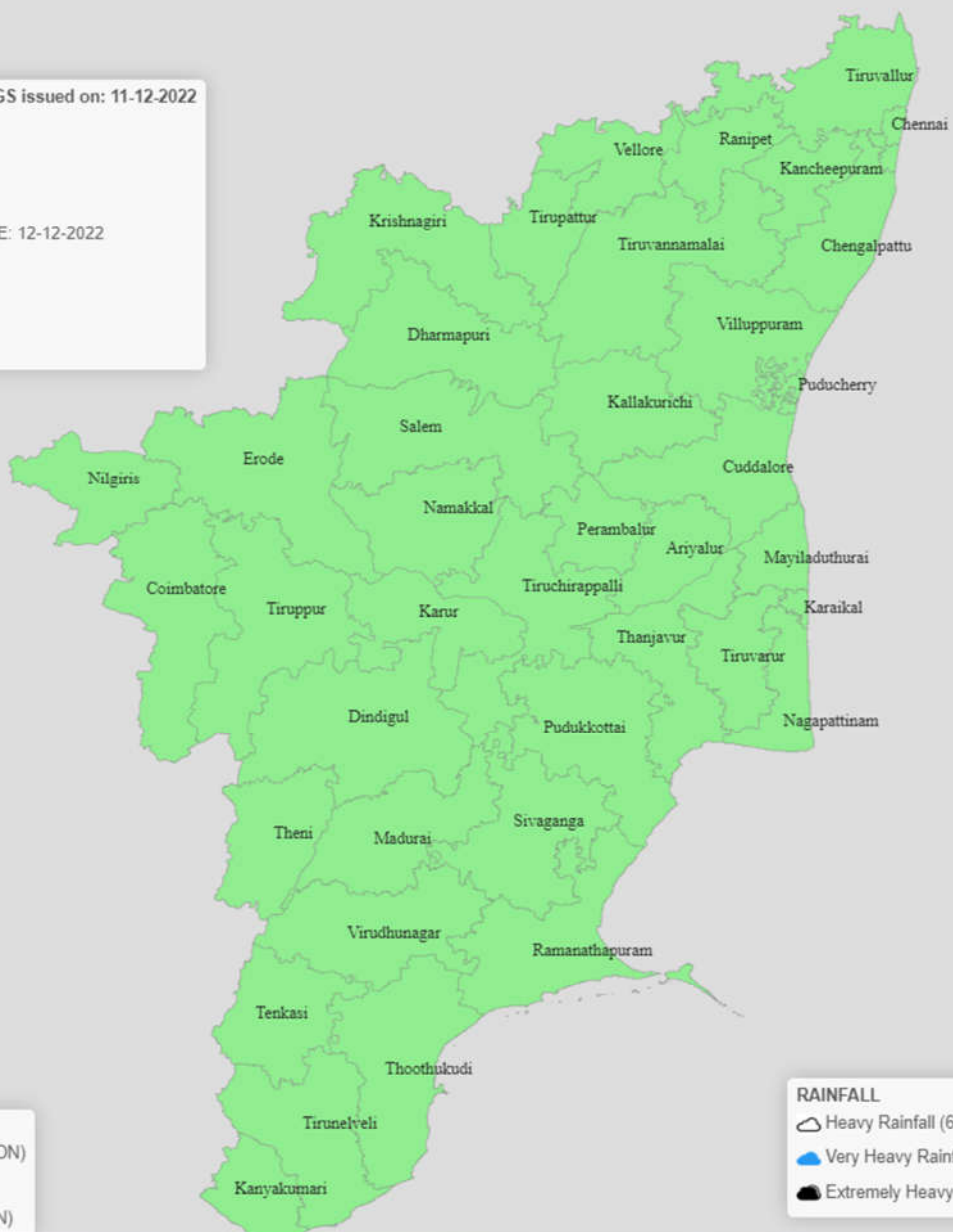


HEAVY RAINFALL WARNINGS issued on: 11-12-2022



FOR DATE: 12-12-2022

India Meteorological Department
Regional Met Centre, Chennai



WARNINGS

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

RAINFALL

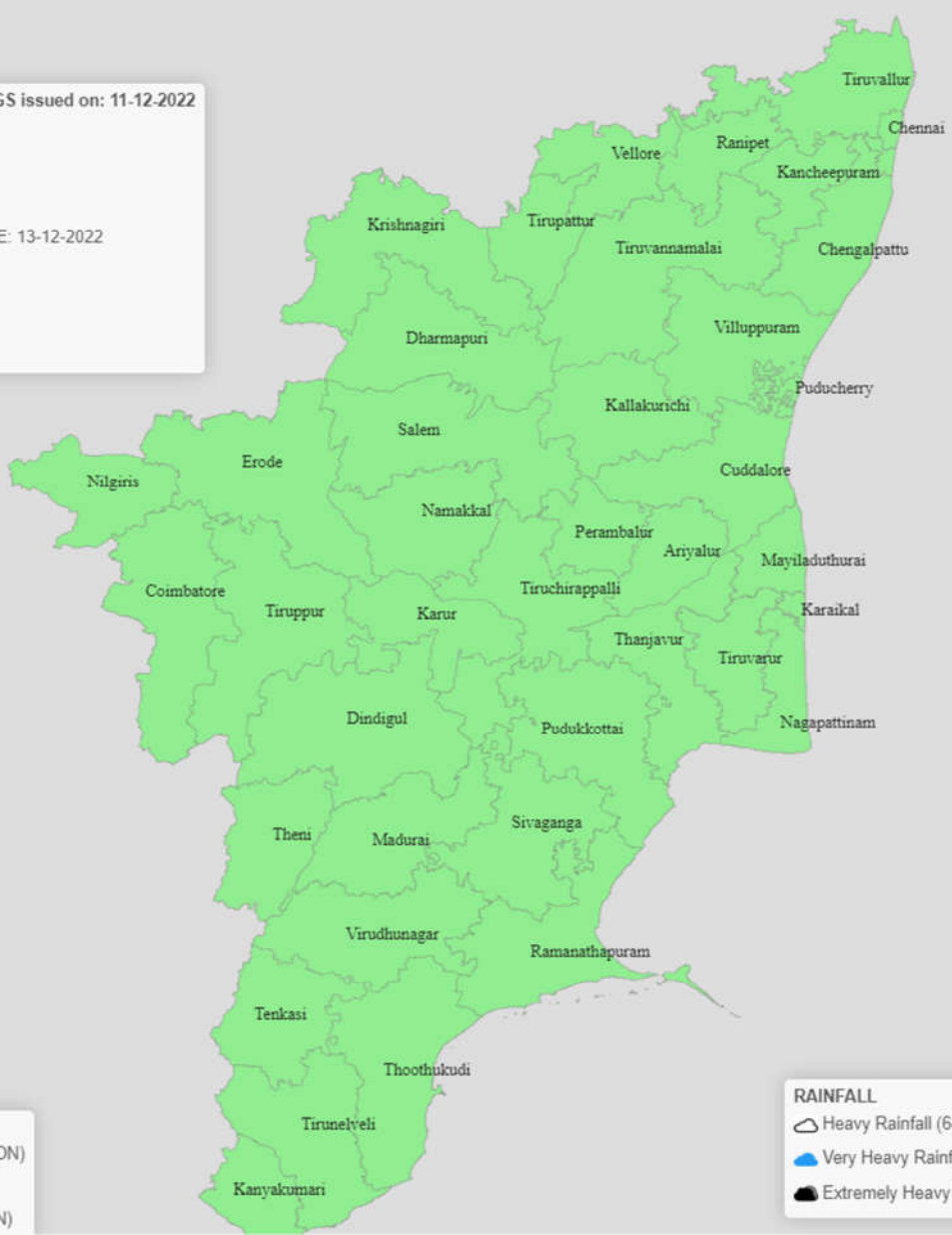
- Heavy Rainfall (64.5 to 115.5) mm
- Very Heavy Rainfall (115.6 to 204.4) mm
- Extremely Heavy Rainfall > 204.4 mm



HEAVY RAINFALL WARNINGS issued on: 11-12-2022



FOR DATE: 13-12-2022



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

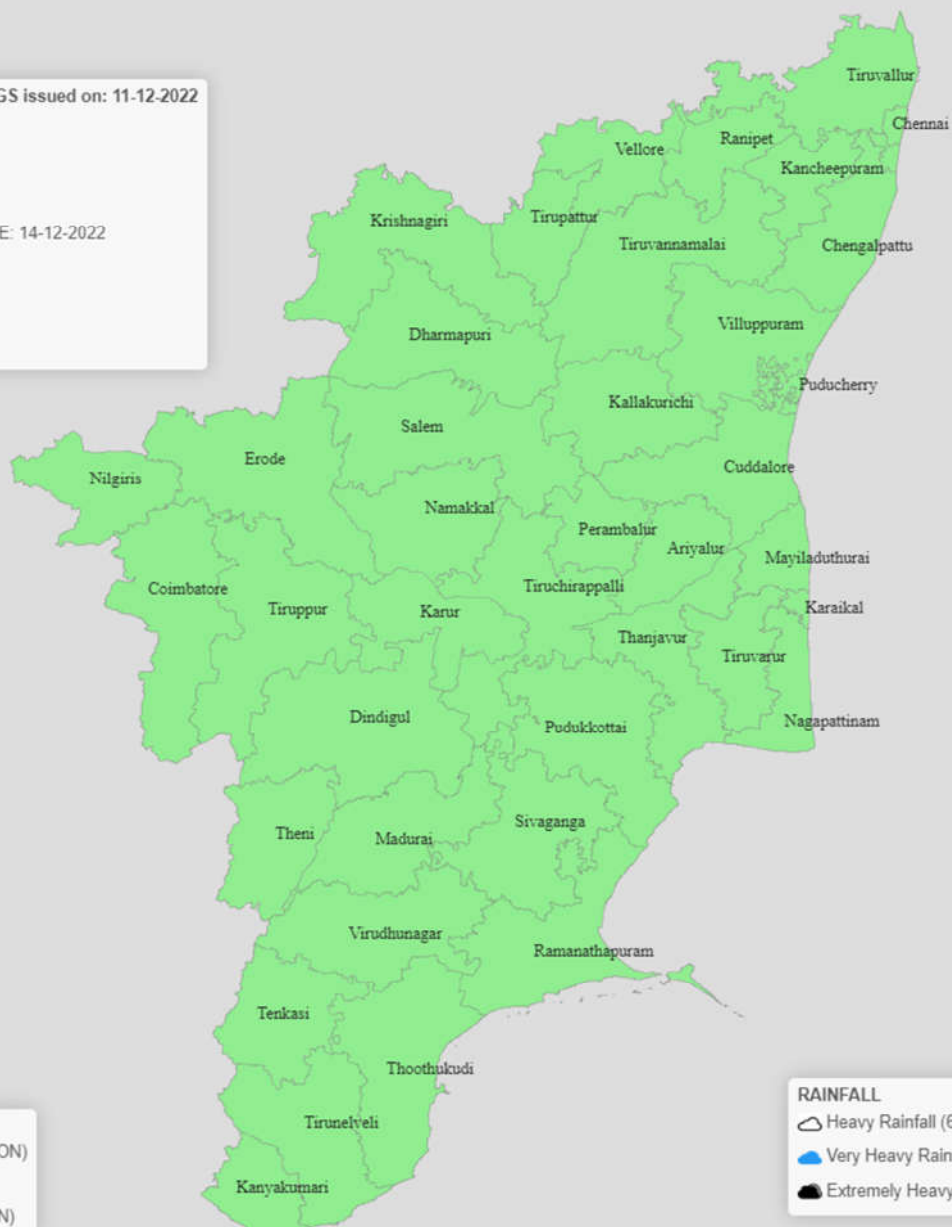
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HEAVY RAINFALL WARNINGS issued on: 11-12-2022



FOR DATE: 14-12-2022



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

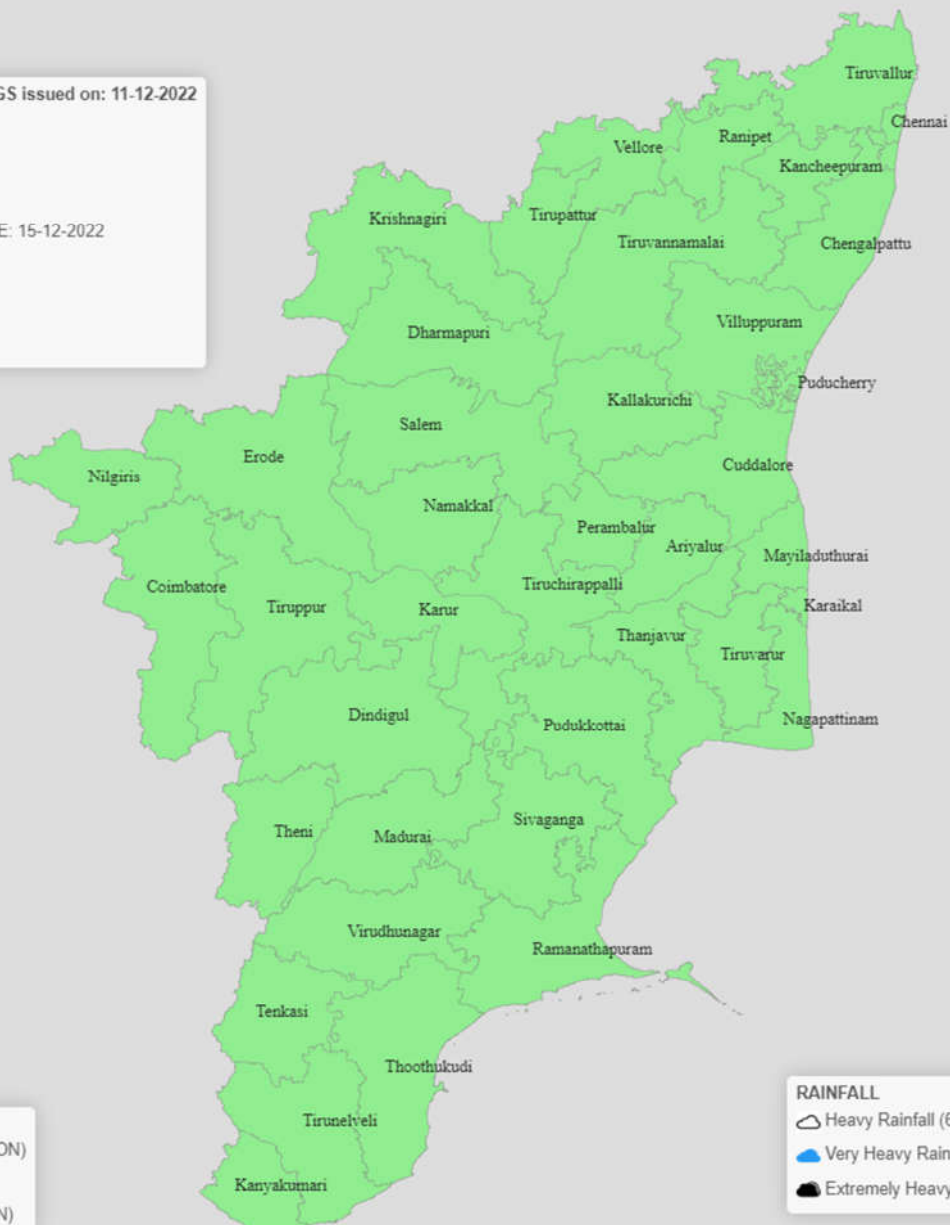


HEAVY RAINFALL WARNINGS issued on: 11-12-2022



FOR DATE: 15-12-2022

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:

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