

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: Monday, November 13, 2023 (22 Karthika 1945)

Time of issue: 1300 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. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS

Mullanginavillai (dist Kanniyakumari) 2, Kozhiporvilai (dist Kanniyakumari), Ennore AWS (dist Chennai), West Tambaram_Sit, ARG (dist Chengalpattu) 1 each

DESCRIPTION OF TEMPERATURE:

Karur Paramathi recorded highest maximum temperature of 33.5°C in the region.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	Over Dindigul district.
Appreciably rise (2.1° C to 4.0° C)	Over Thanjavur, Tirunelveli and Ramanathapuram districts.
Appreciable fall (-2.1 ° C to -4.0° C)	-----
Markedly fall (-4.1° C or less)	-----
No large change (-2.1° C to 2.0° C)	Over rest of the subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	Over Karur and Nilgiris districts.
Above normal (1.6° C to 3.0° C)	Over Dindigul district.
Below normal (-1.6 ° to -3.0 ° C)	-----
Appreciably below normal (-3.1 to -5.0°C)	-----
Markedly below normal (-5.1 or less)	Over Thoothukudi district.
Normal (-1.5° C to 1.5° C)	Over rest of the subdivision.

Namakkal recorded lowest minimum temperature of 15.0°C in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly fall (-4.1° C or less)	-----
Appreciable fall (-2.1° C to -4.0°)	Over Ramanathapuram district
Appreciable rise (2.1 ° C to 4.0°)	Over Dindigul district.
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 (5.0 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Kanyakumari, Thirupattur and Thoothukudi districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Dindigul district.
Appreciably below normal (- 3.1° C to -5.0°C)	Over Erode district.
Markedly below normal (- 5.0° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's upper air cyclonic circulation over Gulf of Thailand now lies over South Andaman Sea extending upto middle tropospheric levels tilting southwestwards with height. Under its influence, a **Low Pressure Area** is likely to form over Southeast Bay of Bengal during next 24 hours. It is likely to move west-northwestwards and intensify into a **depression** over Westcentral Bay of Bengal around 16th November, 2023.

Yesterday's upper air cyclonic circulation over Southwest and adjoining west central Arabian sea extending upto 1.5 Km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (13.11.2023)	Light to moderate rain at many places over coastal Tamilnadu, Puducherry, Karaikal and at one or two places over interior Tamilnadu with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Ramanathapuram, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore districts of Tamilnadu and Karaikal area. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thoothukudi, Sivaganga, Perambalur, Ariyalur, Villupuram, Chengalpattu, Kancheepuram districts of Tamilnadu and Puducherry.
Day 2 (14.11.2023)	Light to moderate rain at many places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Villupuram, Chengalpattu, Kancheepuram districts of Tamilnadu and Puducherry. Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipet, Tiruvallur, Chennai, Tiruvannamalai, Kallakurichi, Perambalur, Ariyalur, Tiruchirappalli, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai districts of Tamilnadu and Karaikal area.
Day 3 (15.11.2023)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Tiruvallur, Chennai, Chengalpattu, Kancheepuram, Ranipet, Vellore, Tirupattur and Tiruvannamalai districts of Tamilnadu.

Day 4 (16.11.2023) & Day 5 (17.11.2023)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Thoothukudi, Virudhunagar, Madurai, Dindigul, Sivaganga, Pudukkottai, Thanjavur, Tiruchirappalli, Perambalur, Ariyalur and Cuddalore districts of Tamilnadu.
Day 6 (18.11.2023) & Day 7 (19.11.2023)	Light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry & Karaikal area.

HEAVY RAINFALL WARNING

Day 1 (13.11.2023)	Heavy to very heavy rain is likely to occur at isolated places over Ramanathapuram, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore districts of Tamilnadu and Karaikal area. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thoothukudi, Sivaganga, Perambalur, Ariyalur, Villupuram, Chengalpattu, Kancheepuram districts of Tamilnadu and Puducherry.
Day 2 (14.11.2023)	Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Villupuram, Chengalpattu, Kancheepuram districts of Tamilnadu and Puducherry. Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipet, Tiruvallur, Chennai, Tiruvannamalai, Kallakurichi, Perambalur, Ariyalur, Tiruchirappalli, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai districts of Tamilnadu and Karaikal area.
Day 3 (15.11.2023)	Heavy rain is likely to occur at isolated places over Tiruvallur, Chennai, Chengalpattu, Kancheepuram, Ranipet, Vellore, Tirupattur and Tiruvannamalai districts of Tamilnadu.
Day 4 (16.11.2023) & Day 5 (17.11.2023)	Heavy rain is likely to occur at isolated places over Thoothukudi, Virudhunagar, Madurai, Dindigul, Sivaganga, Pudukkottai, Thanjavur, Tiruchirappalli, Perambalur, Ariyalur and Cuddalore districts of Tamilnadu.

THUNDERSTORM WARNING

Day 1(13.11.2023) to Day 5(17.11.2023)	Thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area.
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LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 hours: Sky condition is likely to be partly cloudy. Moderate rain with thunderstorm and lightning is likely to occur at a few places. Heavy spells at times in some areas. Maximum temperature is likely to be 31-32°C and minimum temperature is likely to be 24-25°C.

For next 48 hours: Sky condition is likely to be partly cloudy. Moderate to Heavy rain is likely to occur. Maximum temperature is likely to be 30-31°C and minimum temperature is likely to be 24-25°C.

B. GEETHA
SCIENTIST 'D'

For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:13-11-2023 (22 Kartika 1945 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	1-10-2023	mm	1-1-2023	cm	
Adirampattinam	32.0	1.2	23.4	0.2	84	-2	0.0	316.6	-38.0	109	124	
Chennai	31.7	1.2	25.0	1.6	86	2	0.0	217.3	-286.9	107	140	
Chennai_AP	32.0	1.5	25.0	1.9	83	1	0.0	179.4	-324.3	127	138	z*
Coimbatore_AP	30.2	-0.2	20.2	-1.4	71	-11	0.0	271.7	55.0	43	59	m*
Coonoor	21.5	1.5	11.2	-1.5	38	-44	0.0	487.8	-56.3	129	159	
Cuddalore	30.6	0.3	24.0	0.9	87	0	0.0	199.9	-260.2	75	134	
Dharmapuri	29.2	-0.3	19.5	-0.8	76	-5	0.0	210.0	-20.9	90	91	
Erode	33.4	1.2	17.0	-4.8	76	3	0.0	256.2	--	69	--	
Kanyakumari	31.4	0.6	25.8	1.6	66	-12	0.0	521.4	281.7	78	75	
Karur Paramathi	33.5	3.4	21.0	-0.5	91	6	0.0	319.2	111.4	60	59	
Karaikal	30.8	0.8	24.9	0.9	88	3	0.0	371.8	-139.2	92	150	z*
Kodaikanal	19.4	2.6	8.5	-1.7	46	-38	0.0	417.7	34.5	161	158	
Madurai_City	32.0	0.3	23.4	0.8	75	-3	0.0	460.6	--	117	--	
Madurai_AP	32.6	1.2	22.6	-0.6	73	-5	0.0	327.5	66.7	82	85	m*
Nagapattinam	31.0	0.8	24.7	0.5	86	-1	0.0	421.4	-75.4	84	143	z*
Namakkal	32.0	--	15.0	--	NA	--	0.0	248.2	--	64	--	
Palayamkottai	30.1	-0.9	24.6	0.6	89	6	0.0	233.4	-53.4	59	73	
Pamban	31.8	1.2	24.4	-0.9	86	3	0.7	269.1	-86.4	56	91	r*
Parangipettai	31.4	--	24.6	--	86	--	0.0	276.7	-206.5	76	139	
Puducherry	31.8	0.9	23.6	0.9	88	1	0.0	176.3	-271.5	85	134	
Salem	31.7	0.4	21.0	-0.4	74	-6	0.0	233.3	-5.6	92	102	z*
Thanjavur	30.0	--	24.6	--	78	--	0.0	116.1	-193.2	70	95	
Tirupattur	30.4	0.9	22.6	2.5	83	-1	0.0	77.0	-108.3	86	95	
Tiruchirappalli_AP	30.7	-0.4	23.4	0.3	78	-3	0.0	175.9	-47.5	74	87	m*
Tiruttani	31.6	1.3	20.5	-1.2	83	1	0.0	82.0	-182.9	113	101	
Tondi	32.2	1.2	23.6	-0.3	81	-3	0.0	500.3	194.4	110	88	
Thoothukudi	NA	-	25.7	1.9	84	0	4.8	244.9	-44.5	41	63	r*
Udagamandalam	22.4	3.4	8.2	-1.3	36	-53	0.0	169.6	-94.4	101	116	
Valparai	27.5	1.4	16.0	0.9	95	6	0.0	539.4	207.5	357	290	
Vellore	30.5	0.4	20.7	-0.2	86	-1	0.0	157.3	-67.3	98	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

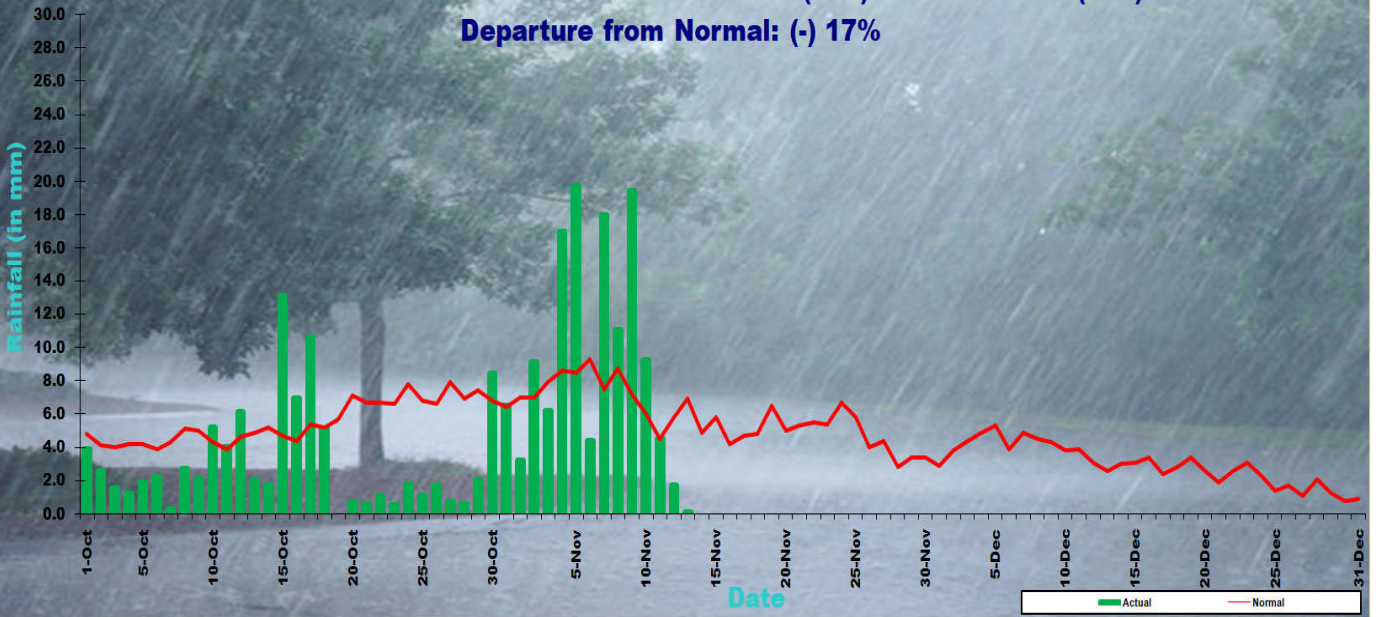
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NORTHEAST MONSOON RAINFALL 2023		13.11.2023			From 01.10.2023 to 13.11.2023		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.1	6.9	-99	221.7	266.1	-17
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	8.4	-100	108.5	260.1	-58
687	CHENGALPATTU	0.0	13.8	-100	152.1	386.9	-61
461	CHENNAI	0.0	37.3	-100	190.0	485.2	-61
462	COIMBATORE	0.0	4.4	-100	326.8	241.9	35
463	CUDDALORE	0.0	9.7	-100	174.6	363.4	-52
464	DHARMAPURI	0.0	3.5	-100	156.1	225.2	-31
465	DINDIGUL	0.0	7.1	-100	253.6	293.0	-13
466	ERODE	0.0	3.8	-100	286.7	221.8	29
688	KALLAKURICHI	0.0	6.8	-100	122.3	249.8	-51
467	KANCHEEPURAM	0.0	18.4	-100	173.8	331.4	-48
468	KANYAKUMARI	1.4	9.6	-86	699.1	375.8	86
636	KARAIKAL	0.0	11.3	-100	371.8	511.0	-27
469	KARUR	0.0	6.5	-100	139.4	199.4	-30
470	KRISHNAGIRI	0.0	2.9	-100	94.9	209.9	-55
471	MADURAI	0.0	3.9	-100	342.8	256.7	34
695	MAYILADUTHURAI	0.0	10.4	-100	216.4	440.6	-51
472	NAGAPATTINAM	0.0	12.5	-100	327.2	453.1	-28
473	NAMAKKAL	0.0	6.1	-100	193.8	192.3	1
474	NILGIRIS	0.0	6.8	-100	296.3	341.7	-13
475	PERAMBALUR	0.0	9.8	-100	117.1	257.3	-54
476	PUDUCHERRY	0.0	7.0	-100	177.3	447.8	-60
477	PUDUKKOTTAI	0.0	4.0	-100	180.5	209.2	-14
478	RAMANATHAPURAM	0.1	4.7	-99	325.8	294.5	11
689	RANIPET	0.0	13.2	-100	99.2	234.7	-58
479	SALEM	0.0	5.4	-100	180.0	228.4	-21
480	SIVAGANGA	0.0	4.5	-100	295.4	265.1	11
690	TENKASI	0.0	6.8	-100	375.9	292.4	29
481	THANJAVUR	0.0	6.9	-100	168.1	293.2	-43
482	THENI	0.1	4.6	-99	335.5	249.4	35
483	TIRUNELVELI	0.9	8.5	-89	385.2	278.1	39
691	TIRUPATTUR	0.0	5.2	-100	92.8	181.0	-49
535	TIRUPPUR	0.0	5.1	-100	222.3	215.4	3
484	TIRUVALLUR	0.6	19.1	-97	141.6	360.6	-61
485	TIRUVANNAMALAI	0.0	8.9	-100	120.7	264.0	-54
486	TIRUVARUR	0.0	9.2	-100	201.0	346.0	-42
488	TOOTHUKUDI	0.2	4.5	-95	204.3	256.0	-20
487	TRICHY	0.0	5.9	-100	142.7	219.5	-35
489	VELLORE	0.0	7.7	-100	137.4	227.3	-40
490	VILLUPURAM	0.0	9.4	-100	154.5	288.4	-46
491	VIRUDHUNAGAR	0.1	4.6	-97	354.0	259.0	37
	SUBDIVISION RAINFALL	0.1	6.9	-99	221.8	266.8	-17
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

Northeast Monsoon Rainfall 2023 for TamilNadu and Puducherry
from 01-10-2023 to 13-11-2023 Actual: 221.8 (mm) Normal: 266.8 (mm)
Departure from Normal: (-) 17%

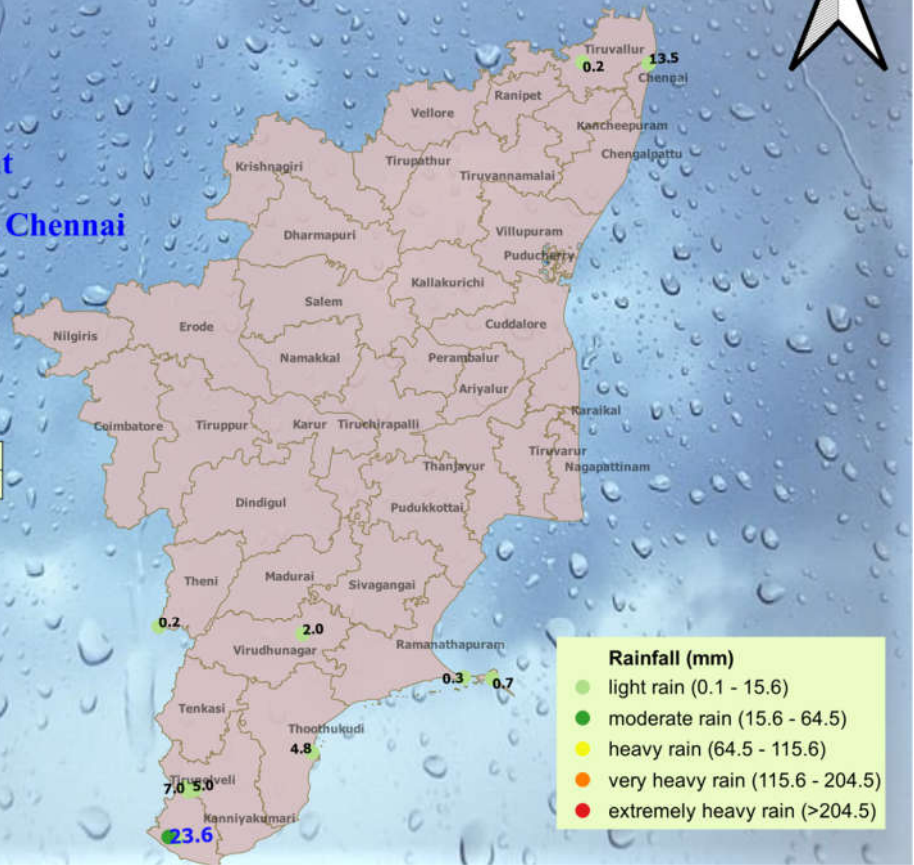


Realised rainfall (mm) during the past 24 hours
(upto 08:30 IST of 13/11/2023)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 13/11/2023

Highest Rainfall recorded(mm): 23.6
Place: MULLANGINAVILLAI (KANYAKUMARI)





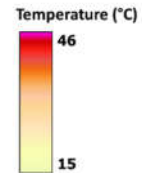
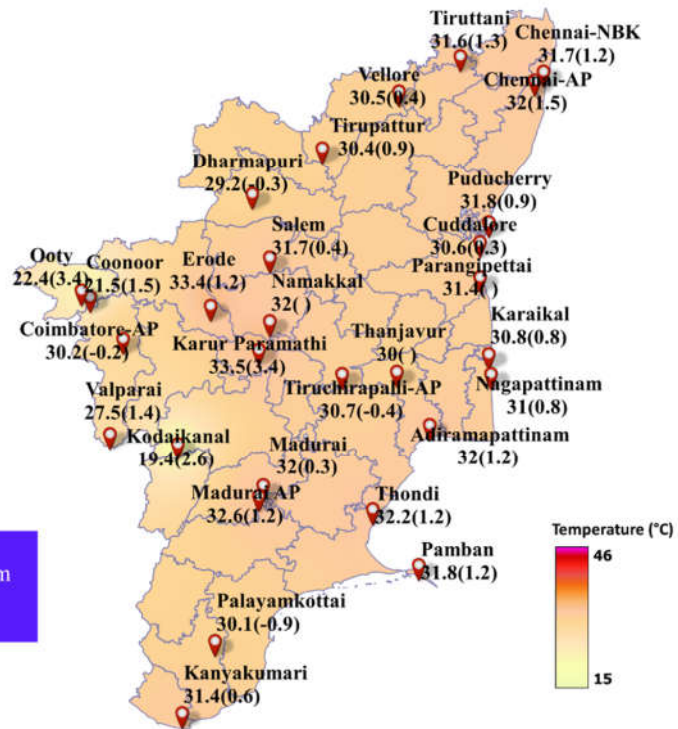
Realised Maximum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 13/11/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 13/11/2023

The highest temperature recorded : 33.5°C
Place : Karur Paramathi

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



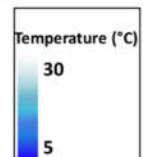
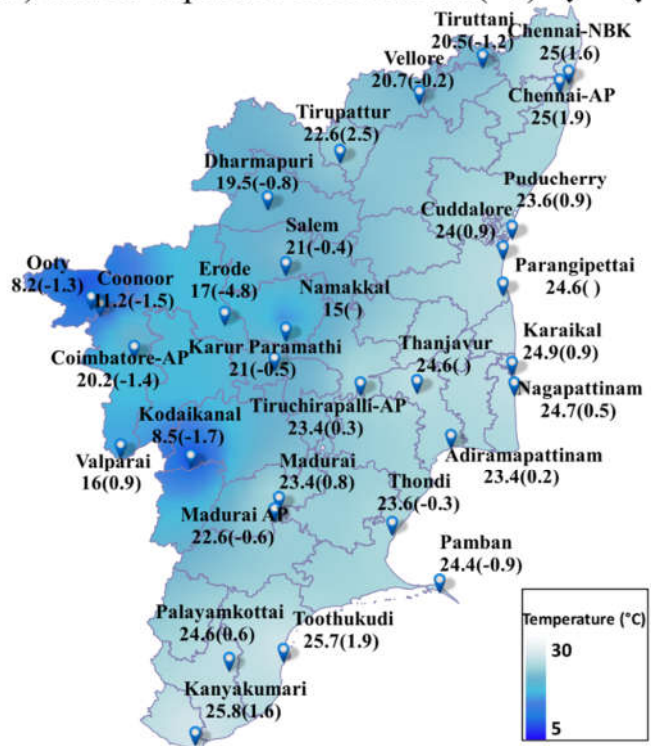
Realised Minimum Temperature (°C) in the past 24 Hrs
(upto 0830 IST of 13/11/2023) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 13/11/2023

The lowest temperature recorded in the plains -
15°C at Namkkal
The lowest temperature recorded in the hilly region -
8.2°C at Ooty.

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



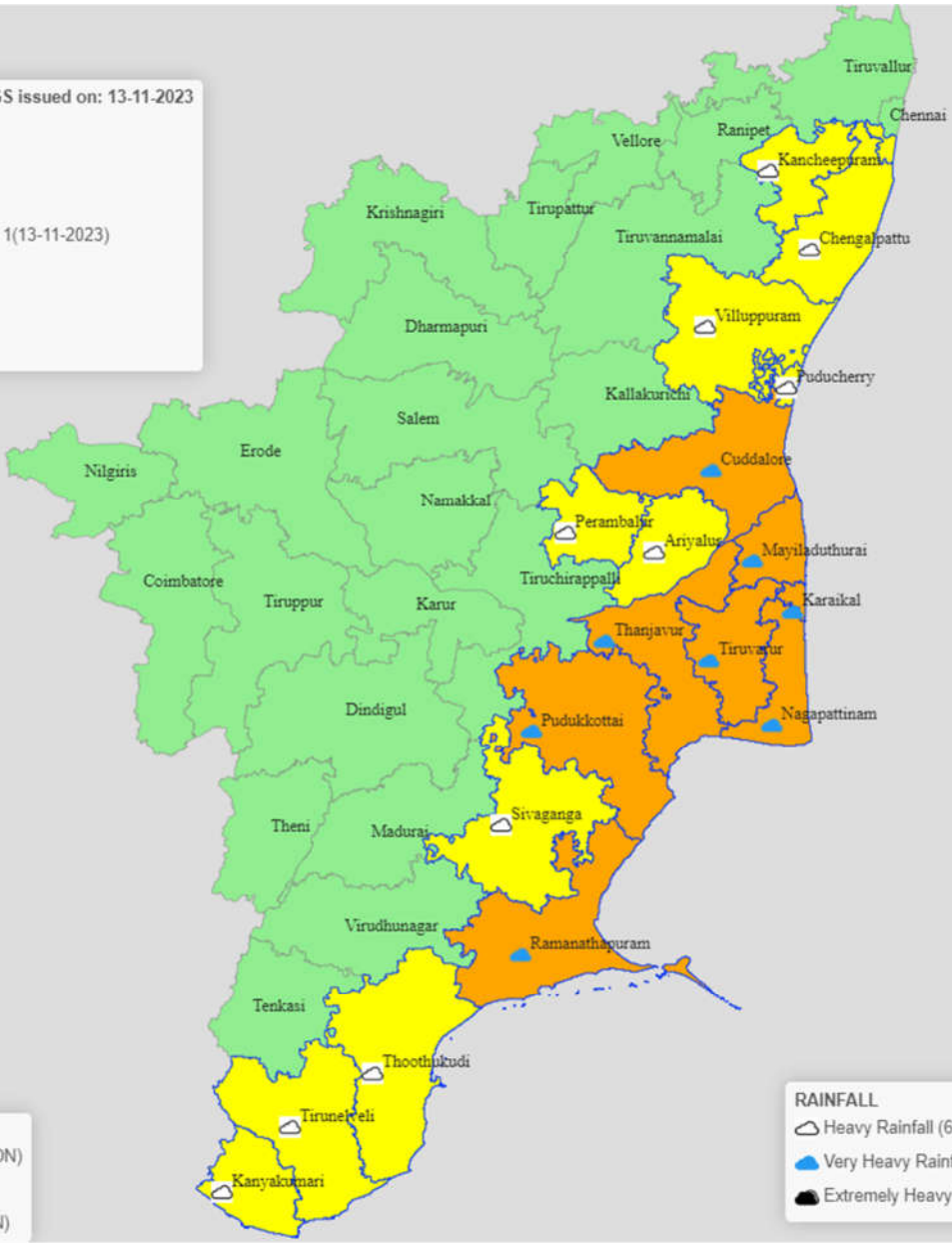


HEAVY RAINFALL WARNINGS issued on: 13-11-2023



FOR DAY: 1(13-11-2023)

India Meteorological Department
Regional Met Centre, Chennai



WARNINGS

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

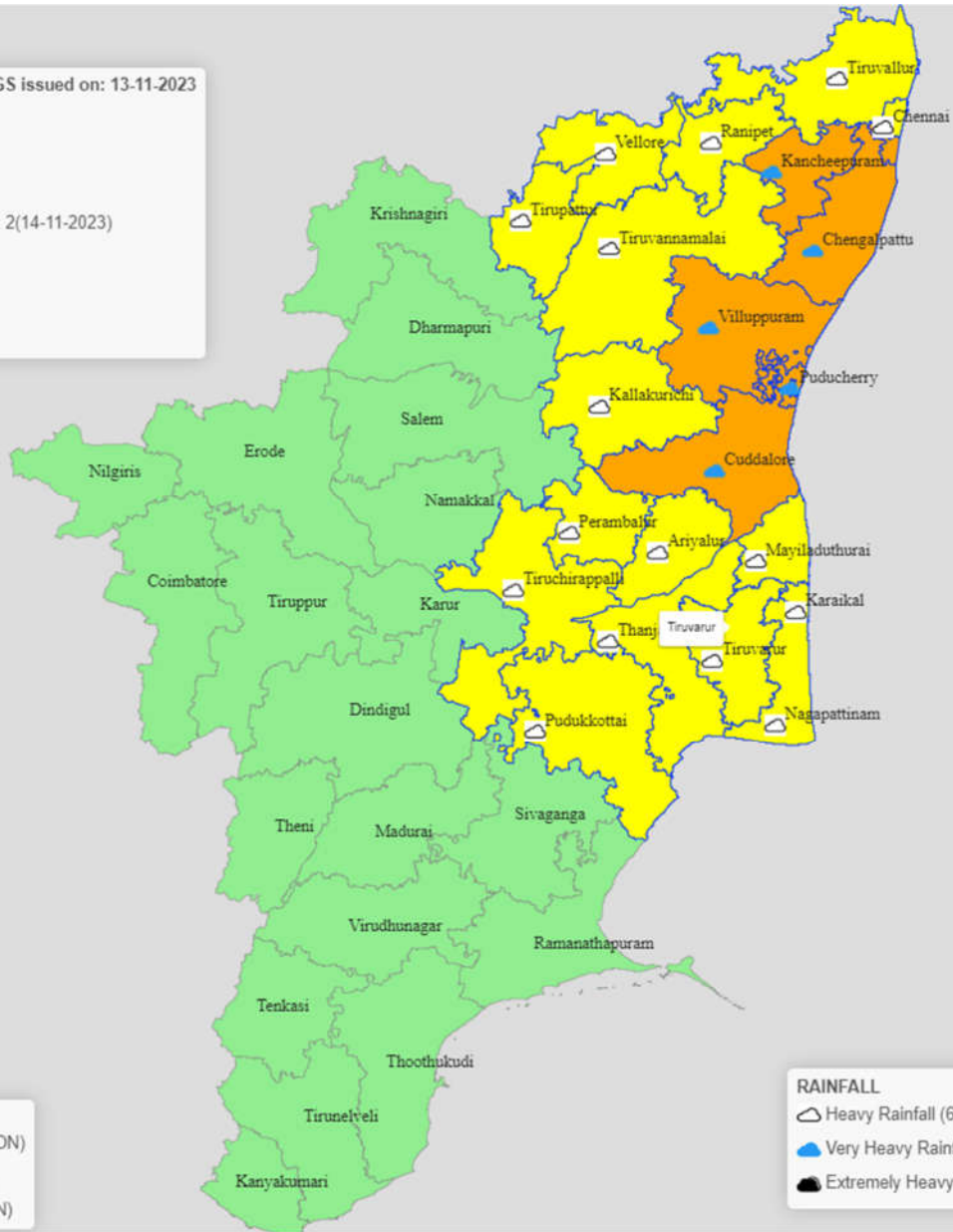
RAINFALL

- 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: 13-11-2023



FOR DAY: 2(14-11-2023)



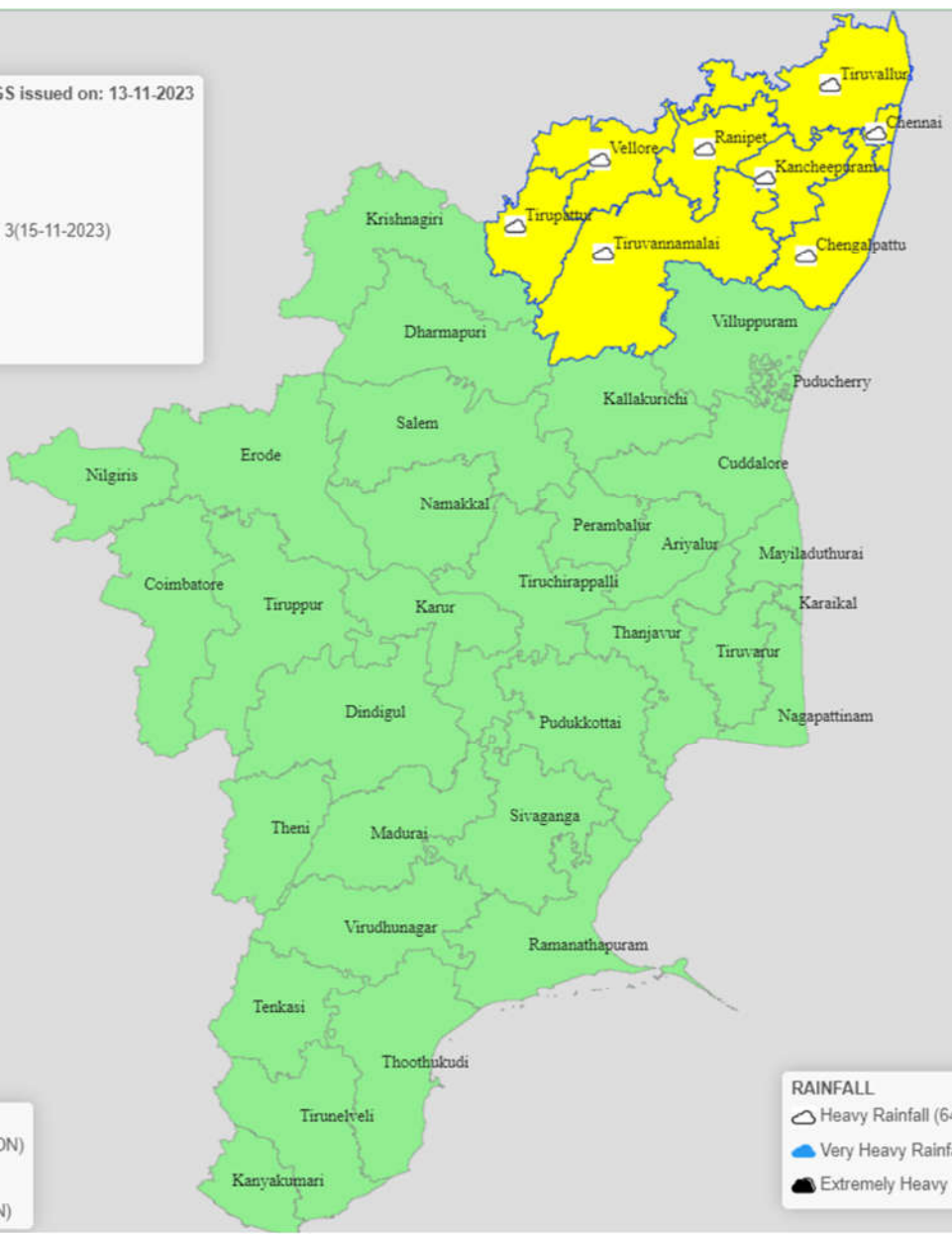
WARNINGS
NO WARNING (NO ACTION)
WATCH (BE UPDATED)
ALERT (BE PREPARED)
WARNING (TAKE ACTION)

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: 13-11-2023



FOR DAY: 3(15-11-2023)



WARNINGS

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

RAINFALL

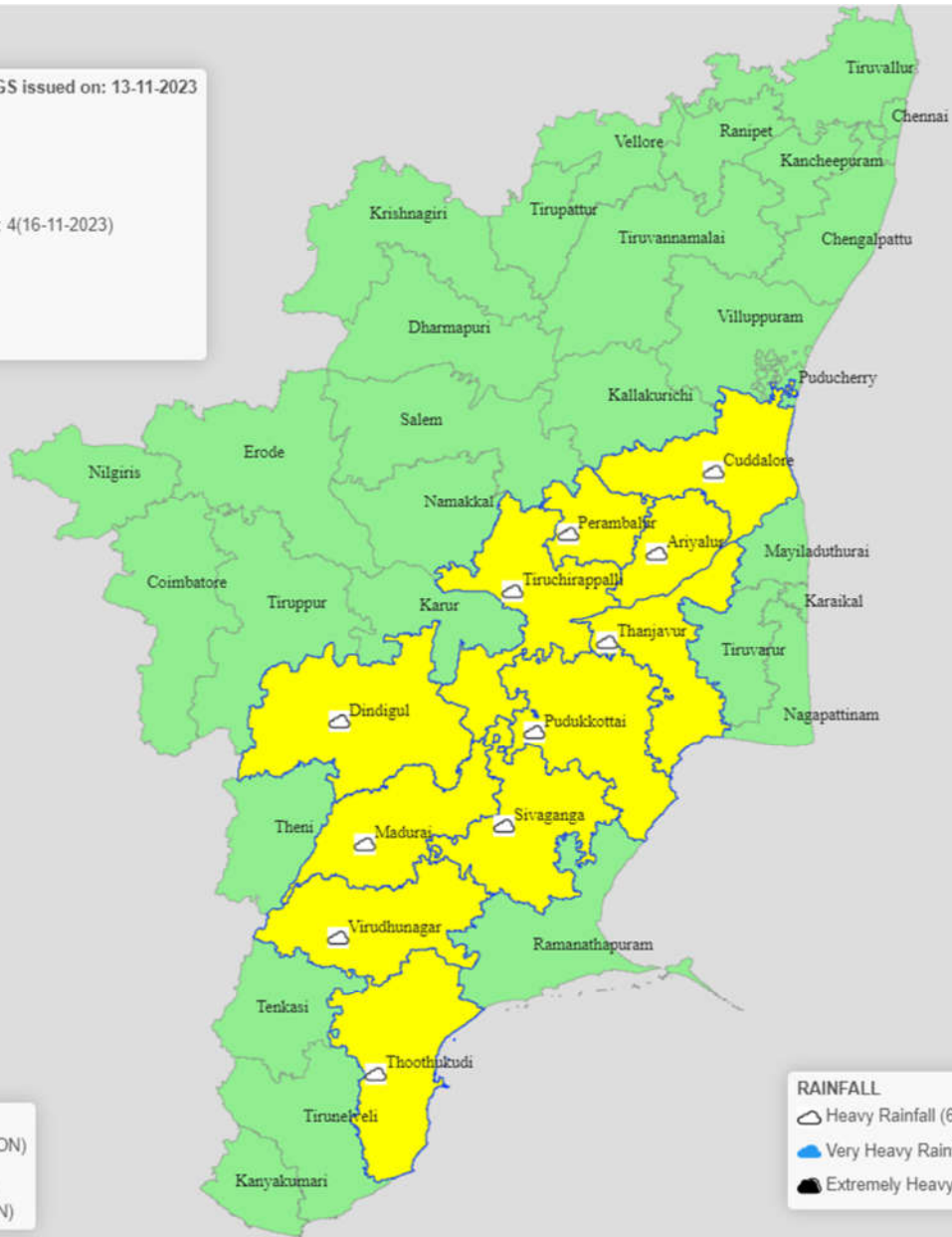
- ☁ Heavy Rainfall (64.5 to 115.5) mm
- ☁ Very Heavy Rainfall (115.6 to 204.4) mm
- ☁ Extremely Heavy Rainfall > 204.4 mm

HEAVY RAINFALL WARNINGS issued on: 13-11-2023



FOR DAY: 4(16-11-2023)

India Meteorological Department
Regional Met Centre, Chennai



WARNINGS

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

RAINFALL

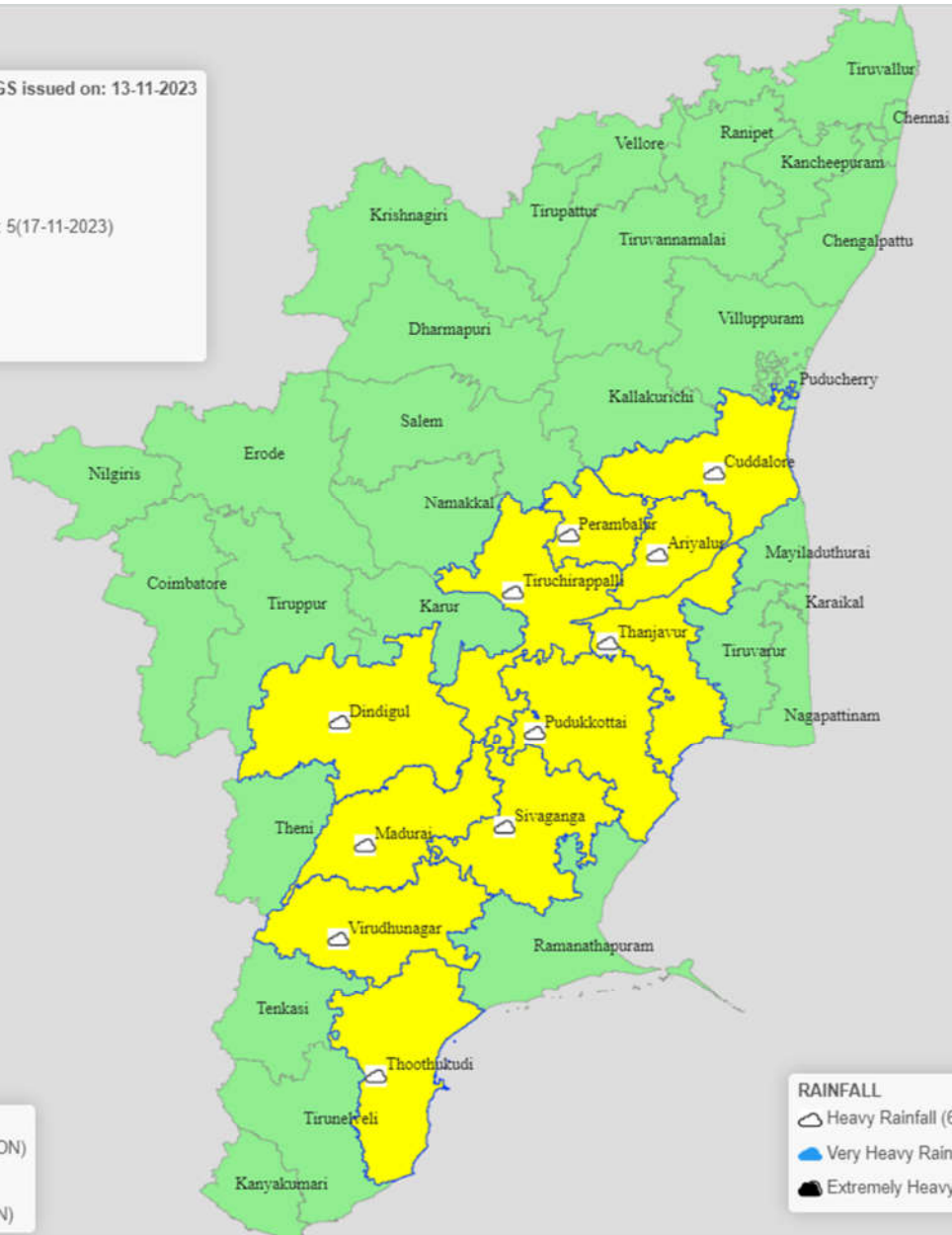
- Heavy Rainfall (64.5 to 115.5) mm
- Very Heavy Rainfall (115.6 to 204.4) mm
- Extremely Heavy Rainfall > 204.4 mm

HEAVY RAINFALL WARNINGS issued on: 13-11-2023



FOR DAY: 5(17-11-2023)

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

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