



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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சென்னை-600006
தொலைபேசி : 044- 28271951



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951

DATE: Saturday, November 23, 2024 (2 Aagrahayana 1946)

Time of issue: 1325 Hrs IST

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL AREA

Summary of observations over Tamil Nadu, Puducherry and Karaikal recorded at 0830 hrs IST:

Rainfall occurred at one or two places over Tamilnadu. Dry weather prevailed over Puducherry & Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:

Cincona(dist Coimbatore) 1.

DESCRIPTION OF TEMPERATURE: (in the plains)

Erode recorded the highest maximum temperature of **32.6°C**.

Erode recorded the lowest minimum temperature of **15.5°C**.

SYNOPTIC METEOROLOGICAL FEATURE:

Under the influence of yesterday's upper air cyclonic circulation over east Equatorial Indian Ocean and adjoining south Andaman Sea & southeast Bay of Bengal, a **low pressure area** formed over east Equatorial Indian Ocean and adjoining southeast Bay of Bengal, at 0830 hours IST of today, the 23rd November 2024. It is likely to continue to move west-northwestwards and intensify into a **depression** over central parts of south Bay of Bengal around 25th November. Thereafter, its likely to move northwestwards towards Tamil Nadu- Sri Lanka coast during subsequent 2 days.

Yesterday's **trough** from the cyclonic circulation over Equatorial Indian Ocean to Gulf of Mannar now runs from the cyclonic circulation associated with the low pressure system over east Equatorial Indian Ocean and adjoining southeast Bay of Bengal to Comorin area and extends upto 3.1 km above mean sea level tilting southwards with height.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (23.11.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 2 (24.11.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu (at a few places over Coastal Tamilnadu, at one or two places over Interior Tamilnadu), Puducherry and Karaikal area.
Day 3 (25.11.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu (at many places over Coastal Tamilnadu, at a few places over Interior Tamilnadu), Puducherry and Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Thanjavur, Tiruvarur, Nagapattinam & Mayiladuthurai districts and Karaikal area. Heavy rain is likely to occur at isolated places over Cuddalore, Ariyalur, Pudukkottai, Sivaganga, Ramanathapuram, Thoothukudi, Tirunelveli and Kanyakumari districts.

Day 4 (26.11.2024)	<p>Light to moderate rain at many places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.</p> <p>Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai & Pudukkottai districts and Karaikal area.</p> <p>Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram & Ramanathapuram districts and Puducherry.</p>
Day 5 (27.11.2024)	<p>Light to moderate rain at many places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.</p> <p>Heavy to very heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Mayiladuthurai, Tiruvarur & Nagapattinam districts, Puducherry and Karaikal area.</p> <p>Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Kancheepuram, Chengalpattu, Chennai, Tiruvannamalai, Kallakurichi, Perambalur, Ariyalur & Thanjavur districts.</p>
Day 6 (28.11.2024)	<p>Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry and Karaikal area.</p> <p>Heavy to very heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore & Mayiladuthurai districts and Puducherry.</p> <p>Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Tiruvannamalai, Chennai, Kallakurichi, Perambalur, Ariyalur, Thanjavur, Nagapattinam & Tiruvarur districts and Karaikal area.</p>
Day 7 (29.11.2024)	<p>Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.</p> <p>Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Kancheepuram, Vellore, Tirupattur, Krishnagiri, Dharmapuri, Salem, Erode, Nilgiris and Coimbatore districts.</p>

HEAVY RAINFALL WARNING

Day 3 (25.11.2024)	Heavy to very heavy rain is likely to occur at isolated places over Thanjavur, Tiruvarur, Nagapattinam & Mayiladuthurai districts and Karaikal area.
	Heavy rain is likely to occur at isolated places over Cuddalore, Ariyalur, Pudukkottai, Sivaganga, Ramanathapuram, Thoothukudi, Tirunelveli and Kanyakumari districts.
Day 4 (26.11.2024)	Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai & Pudukkottai districts and Karaikal area.
	Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram & Ramanathapuram districts and Puducherry.
Day 5 (27.11.2024)	Heavy to very heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Mayiladuthurai, Tiruvarur & Nagapattinam districts, Puducherry and Karaikal area.
	Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Kancheepuram, Chengalpattu, Chennai, Tiruvannamalai, Kallakurichi, Perambalur, Ariyalur & Thanjavur districts.
Day 6 (28.11.2024)	Heavy to very heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore & Mayiladuthurai districts and Puducherry.

	Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Tiruvannamalai, Chennai, Kallakurichi, Perambalur, Ariyalur, Thanjavur, Nagapattinam & Tiruvarur districts and Karaikal area.
Day 7 (29.11.2024)	Heavy rain is likely to occur at isolated places over Tiruvallur, Ranipet, Kancheepuram, Vellore, Tirupattur, Krishnagiri, Dharmapuri, Salem, Erode, Nilgiris and Coimbatore districts.

THUNDERSTORM WARNING	
Day 3 (25.11.2024) to Day 5 (27.11.2024)	Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD		
	Day 1 (23.11.2024)	Day 2 (24.11.2024)
Maximum Temperature	Around 32°C	31-32°C
Minimum Temperature	Around 24°C.	23-24°C.
Sky Condition	Partly cloudy	Partly cloudy
Weather	Mist/Haze during early morning hours is likely to occur in some areas.	Light rain is likely to occur in some areas.
24 Hour Rainfall	---	Light rain

P. SENTHAMARAI KANNAN
SCIENTIST 'F'
For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:23-11-2024 (2 Agrahayana 1946 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	1-10-2024	mm	
Adiramapattinam	30.0	0.1	23.3	0.4	86	-2	0.0	528.9	101.4	109	124	
Chennai	31.1	1.0	24.0	0.7	82	-2	0.0	566.1	-30.3	135	140	z*
Chennai_AP	31.0	0.9	23.7	0.7	74	-10	0.0	469.6	-112.6	130	138	z*
Coimbatore_AP	30.6	0.8	21.2	-0.1	74	-10	0.0	409.1	157.2	76	59	z*
Coonoor	24.6	5.0	13.5	0.5	92	7	0.0	657.1	-6.6	179	159	
Cuddalore	29.8	0.2	22.4	-0.5	95	6	0.0	547.2	-8.6	118	134	
Dharmapuri	28.2	0.1	20.0	-0.1	86	2	0.0	323.0	61.7	86	91	
Erode	32.6	1.7	15.5	-5.9	86	10	0.0	364.6	--	77	--	
Kanyakumari	30.6	0.4	24.2	0.0	80	2	1.0	282.7	-14.4	87	75	r*
KarurParamathi	31.5	2.6	18.0	-3.5	91	2	0.0	371.4	122.9	86	59	
Karaikal	29.7	0.4	24.6	0.8	90	2	0.0	769.3	135.7	127	150	
Kodaikanal	20.1	3.6	9.9	-0.3	79	-6	0.0	404.9	-46.4	141	158	
Madurai_City	31.2	-0.5	23.0	0.1	78	-1	0.0	410.6	--	84	--	m*
Madurai_AP	31.7	1.1	23.1	0.1	87	7	0.0	255.9	-40.5	59	85	m*
Nagapattinam	30.1	0.6	24.4	0.4	86	-4	0.0	580.4	-21.2	110	143	m*
Namakkal	31.6	--	21.4	--	67	--	0.0	243.0	--	69	--	
Palayamkottai	28.6	-1.8	24.7	1.1	89	3	0.0	159.8	-190.8	53	73	
Pamban	28.9	-0.8	25.5	0.6	87	2	0.0	808.4	373.2	117	91	
Parangipettai	31.0	--	24.0	--	84	--	0.0	491.1	-96.0	95	139	
Puducherry	31.0	1.0	23.2	0.7	83	-7	0.0	464.4	-77.7	125	134	
Salem	31.1	0.7	20.4	-0.8	78	-3	0.0	442.2	178.7	121	102	m*
Thanjavur	30.0	--	25.0	--	88	--	0.0	259.2	-109.4	56	95	
Thirupattur	27.4	-1.5	21.6	1.2	74	-8	0.0	298.0	93.0	97	95	
Tiruchirappalli_AP	30.7	0.8	23.4	0.6	81	-3	0.0	418.0	144.2	92	87	m*
Tiruthani	30.5	0.6	20.8	-0.5	76	-7	0.0	218.4	-104.8	101	101	
Tondi	30.1	0.2	24.3	0.9	89	3	0.0	436.5	75.4	103	88	
Thoothukudi	31.4	1.3	25.3	2.1	86	-1	0.0	266.6	-96.0	54	63	
Udagamandalam	24.1	4.8	10.0	0.7	78	-9	0.0	238.0	-59.0	116	116	
Valparai	28.5	2.9	16.0	1.0	95	5	4.0	683.0	319.5	420	290	r*
Vellore	30.6	1.1	21.2	0.7	89	1	0.0	257.6	-13.5	99	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

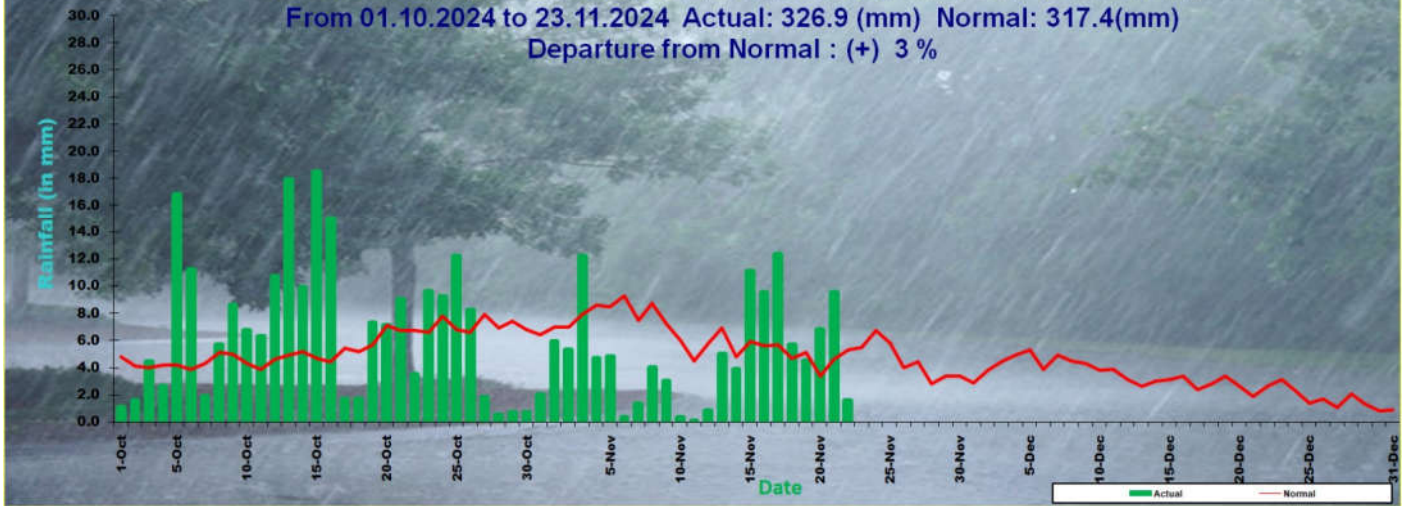
Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

NORTHEAST MONSOON RAINFALL 2024		23.11.2024			From 01.10.2024 to 23.11.2024		
CODE	NAME	ACTUAL in mm**	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.0	5.5	-99	326.1	316.5	3
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	5.9	-100	265.1	315.2	-16
687	CHENGALPATTU	0.0	9.8	-100	332.2	477.8	-30
461	CHENNAI	0.0	6.1	-100	550.7	568.5	-3
462	COIMBATORE	0.7	4.6	-84	433.3	276.8	57
463	CUDDALORE	0.0	10.1	-100	346.9	445.6	-22
464	DHARMAPURI	0.0	3.5	-100	259.3	258.0	1
465	DINDIGUL	0.0	5.6	-100	415.7	343.5	21
466	ERODE	0.0	4.2	-100	263.7	251.2	5
688	KALLAKURICHI	0.0	7.8	-100	227.4	304.0	-25
467	KANCHEEPURAM	0.0	8.0	-100	238.1	399.7	-40
468	KANYAKUMARI	0.2	4.4	-95	502.8	435.3	16
636	KARAIKAL	0.0	18.2	-100	768.9	633.6	21
469	KARUR	0.0	2.9	-100	242.8	234.9	3
470	KRISHNAGIRI	0.0	2.6	-100	300.9	234.2	28
471	MADURAI	0.0	4.7	-100	388.9	295.9	31
695	MAYILADUTHURAI	0.0	14.0	-100	471.5	547.1	-14
472	NAGAPATTINAM	0.0	10.6	-100	683.4	558.5	22
473	NAMAKKAL	0.0	2.8	-100	251.5	218.8	15
474	NILGIRIS	0.0	5.2	-100	380.1	397.5	-4
475	PERAMBALUR	0.0	5.4	-100	233.5	304.1	-23
476	PUDUCHERRY	0.0	12.4	-100	425.5	542.1	-22
477	PUDUKKOTTAI	0.0	4.3	-100	348.1	254.4	37
478	RAMANATHAPURAM	0.0	5.3	-100	481.9	352.1	37
689	RANIPET	0.0	6.0	-100	229.0	281.0	-19
479	SALEM	0.0	3.3	-100	289.0	263.6	10
480	SIVAGANGA	0.0	4.4	-100	419.0	308.1	36
690	TENKASI	0.0	5.6	-100	218.5	351.2	-38
481	THANJAVUR	0.0	6.1	-100	390.3	358.2	9
482	THENI	0.0	5.6	-99	279.0	292.0	-4
483	TIRUNELVELI	0.0	8.3	-100	408.7	349.2	17
691	TIRUPATTUR	0.0	2.7	-100	303.9	205.7	48
535	TIRUPPUR	0.0	3.9	-100	334.2	245.9	36
484	TIRUVALLUR	0.0	7.1	-100	381.1	435.5	-12
485	TIRUVANNAMALAI	0.0	6.3	-100	266.3	317.7	-16
486	TIRUVARUR	0.0	9.0	-100	471.3	430.5	9
488	TOOTHUKUDI	0.1	7.7	-99	203.6	318.5	-36
487	TRICHY	0.0	3.6	-100	299.2	264.1	13
489	VELLORE	0.0	4.4	-100	267.6	270.9	-1
490	VILLUPURAM	0.0	7.3	-100	264.5	353.6	-25
491	VIRUDHUNAGAR	0.0	4.3	-100	230.0	306.9	-25
	SUBDIVISION RAINFALL	0.0	5.5	-99	326.9	317.4	3
LEGEND	PDN*	Percentage Departure from Normal					
	**	Rainfall for the 24 hrs ending at 0830 hrs of date					

Northeast Monsoon Rainfall 2024 for Tamilnadu and Puducherry

From 01.10.2024 to 23.11.2024 Actual: 326.9 (mm) Normal: 317.4(mm)

Departure from Normal : (+) 3 %



Realised rainfall (mm) during the past 24 hours (upto 08:30 IST of 23/11/2024)

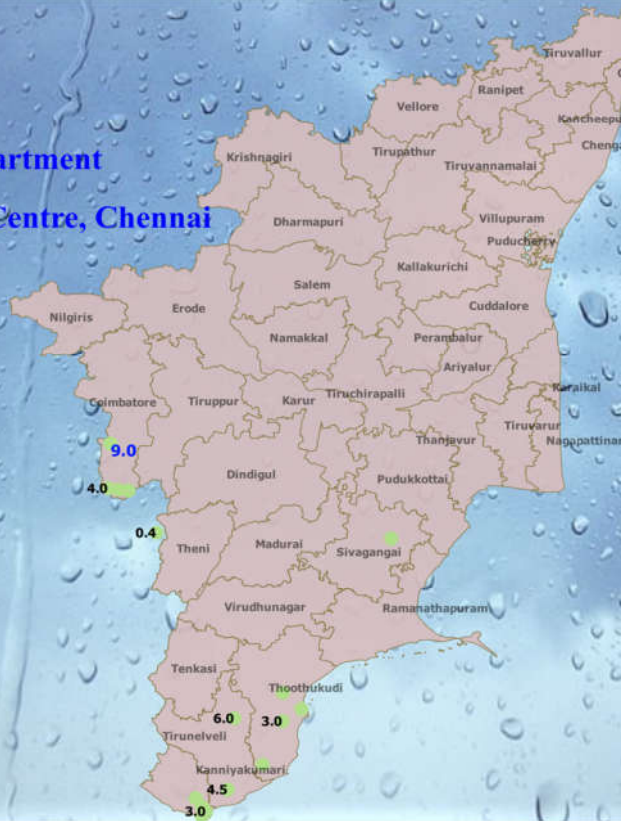


India Meteorological Department

Regional Meteorological Centre, Chennai

Date : 23/11/2024

Highest Rainfall recorded(mm): 9
Place: CINCONA (COIMBATORE)





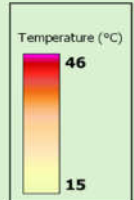
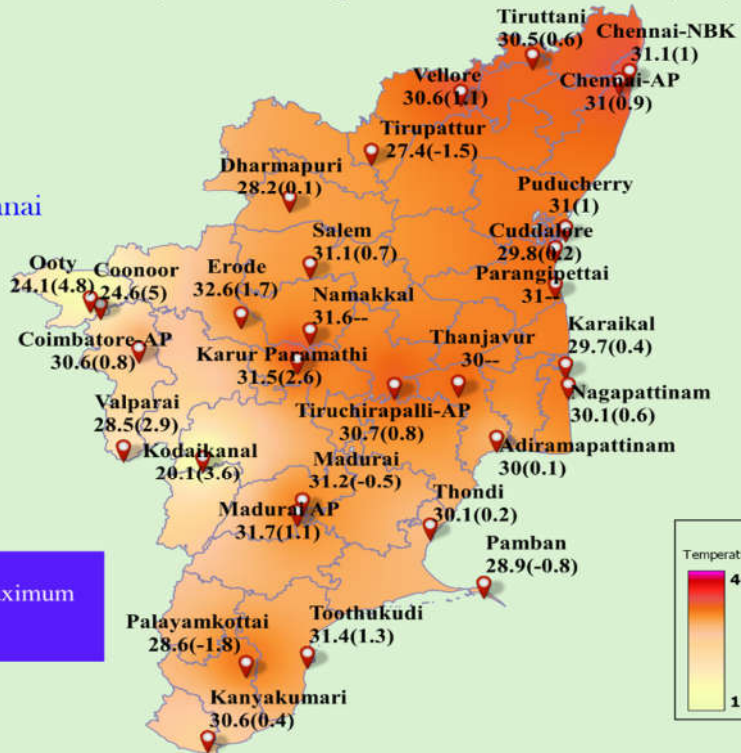
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 23/11/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 23/11/2024

The highest temperature recorded : 32.6°C
Place : Erode

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



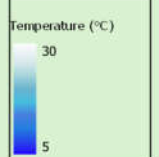
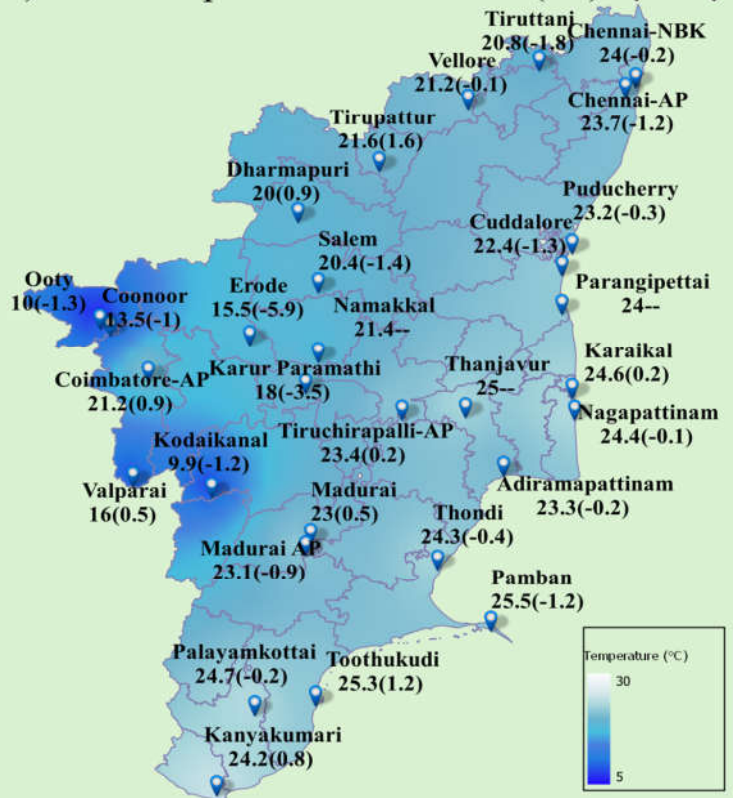
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 23/11/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 23/11/2024

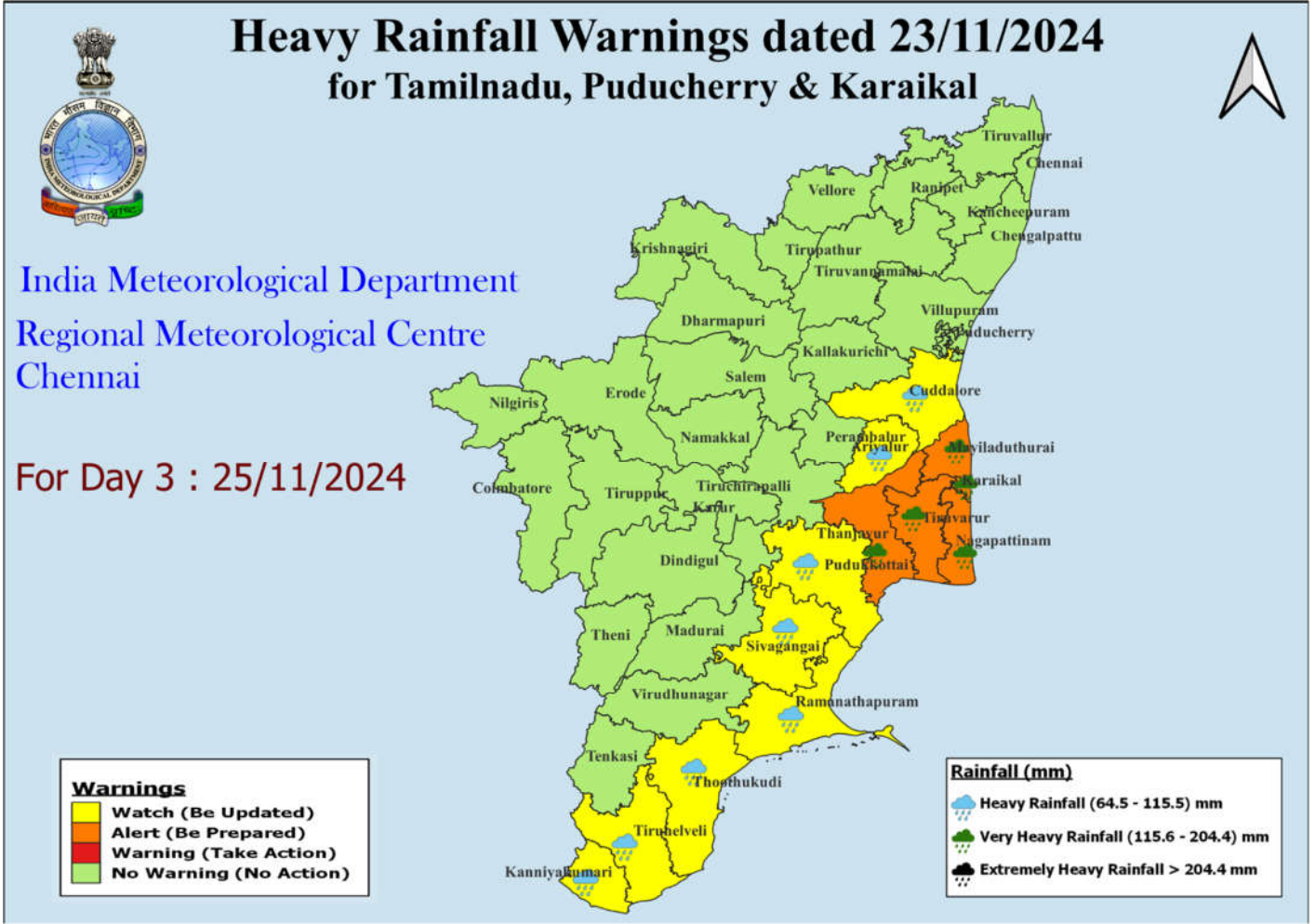
The lowest temperature recorded in the plains : 15.5° C
Place : Erode
The lowest temperature recorded in the hilly region : 9.9° C
Place : Kodaikanal

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



HEAVY RAINFALL WARNING

Day 3: 25.11.2024



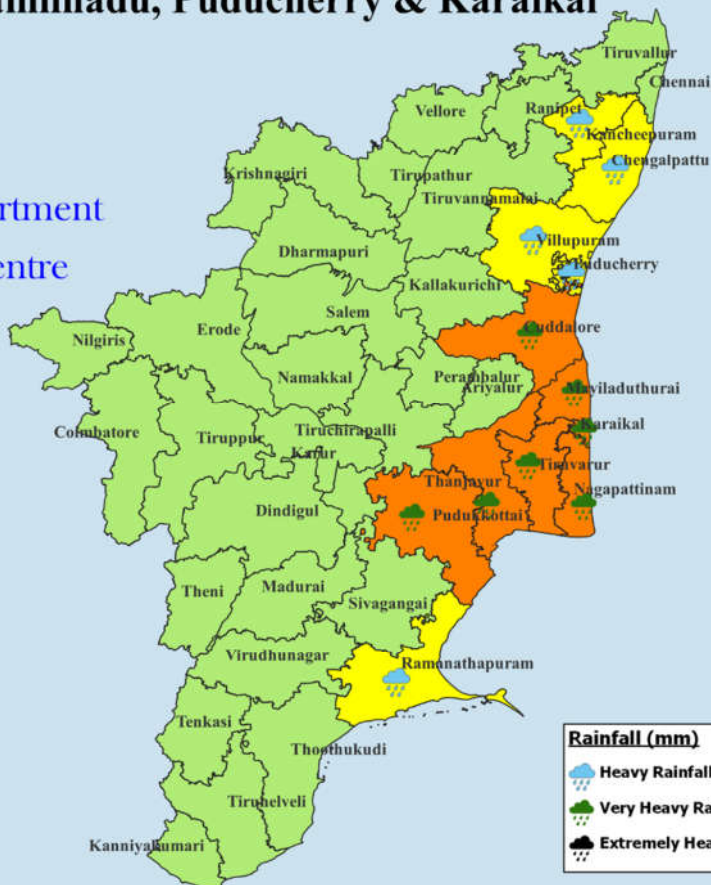
Day 4: 26.11.2024







Heavy Rainfall Warnings dated 23/11/2024 for Tamilnadu, Puducherry & Karaikal

India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 4 : 26/11/2024



Warnings

- | | |
|---|-------------------------------|
|  | Watch (Be Updated) |
|  | Alert (Be Prepared) |
|  | Warning (Take Action) |
|  | No Warning (No Action) |

Rainfall (mm)

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

Day 5: 27.11.2024

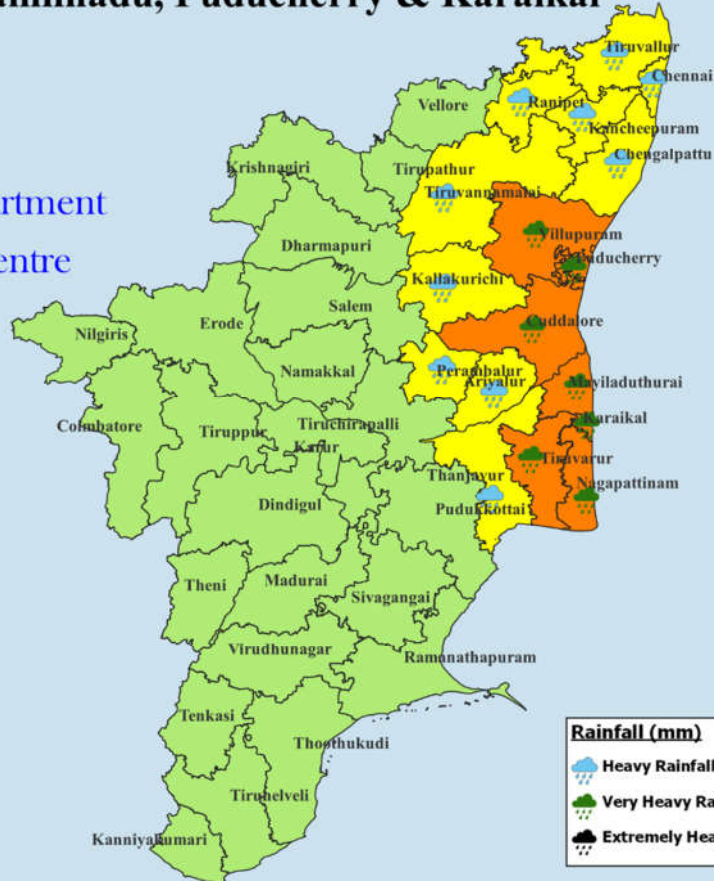


Heavy Rainfall Warnings dated 23/11/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
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For Day 5 : 27/11/2024



Warnings

- Watch (Be Updated)
- Alert (Be Prepared)
- Warning (Take Action)
- No Warning (No Action)

Rainfall (mm)

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

Day 6: 28.11.2024

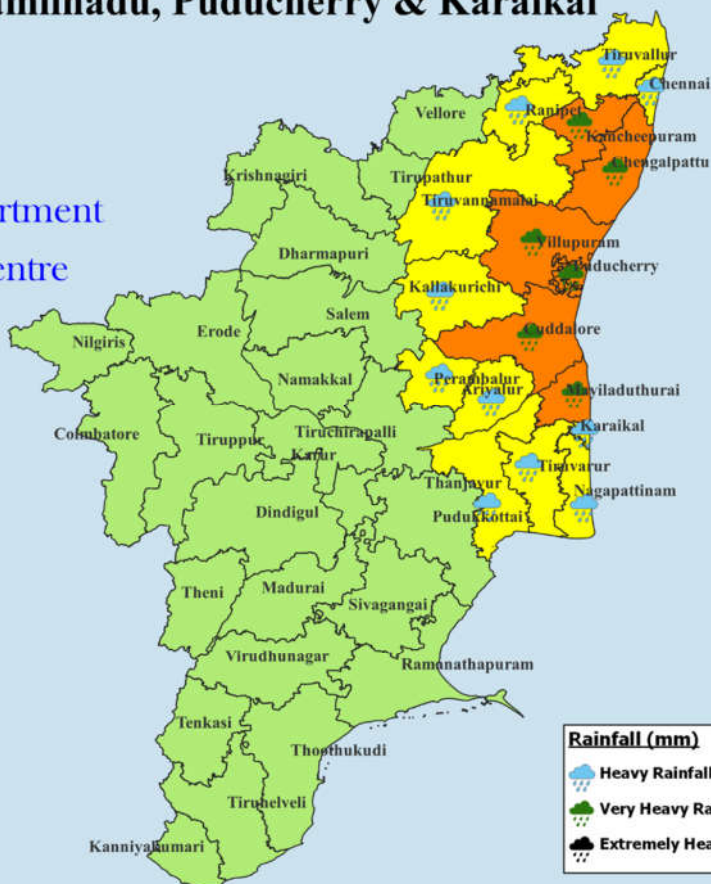


Heavy Rainfall Warnings dated 23/11/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 6 : 28/11/2024



Warnings

- Watch (Be Updated)
- Alert (Be Prepared)
- Warning (Take Action)
- No Warning (No Action)

Rainfall (mm)

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

Day 7: 29.11.2024

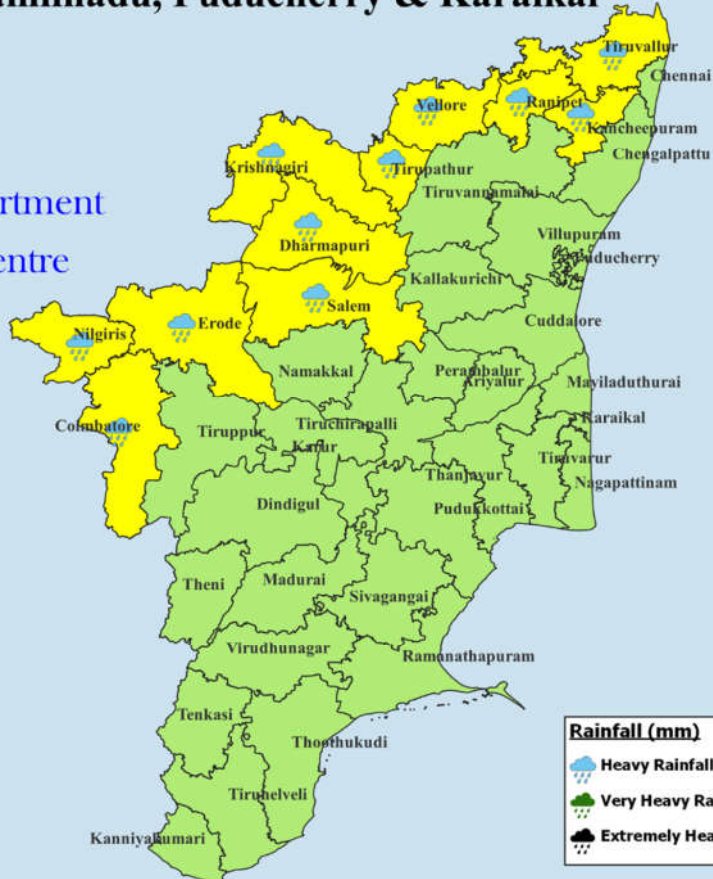


Heavy Rainfall Warnings dated 23/11/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 7 : 29/11/2024



Warnings

- Watch (Be Updated)
- Alert (Be Prepared)
- Warning (Take Action)
- No Warning (No Action)

Rainfall (mm)

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

Legends:

Day: 08:30 IST to 08:30 IST of next day

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 and 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