



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



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

DATE: Thursday, May 30, 2024 (9 Jyaistha 1946)

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) 4, Valparai PTO (dist Coimbatore), UPASI_Tea_Research_Foundation AWS (dist Coimbatore) 3 each. Cincona (dist Coimbatore), Sholayar (dist Coimbatore), Valparai PAP (dist Coimbatore) 2 each, Balamore (dist Kanniyakumari), Mambzhathuraiyaru (dist Kanniyakumari), Kozhiporvilai (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Chinnakalar (dist Coimbatore), Suralacode (dist Kanniyakumari), Colachel (dist Kanniyakumari), Eraniel (dist Kanniyakumari), Thuckalay (dist Kanniyakumari), Adayamadai (dist Kanniyakumari), Mukkadai Dam (dist Kanniyakumari) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (30.05.2024), the maximum temperatures were 2-3°C above normal at a few pockets over Tamilnadu and generally near normal over rest Tamilnadu, Puducherry & Karaikal area.

Highest maximum temperature was recorded at **Chennai (Airport): 41.6°C.**

Maximum temperature was 34-42°C over the plains of North Interior Tamilnadu; 37-40°C over the plains of South Interior Tamilnadu; 36-40°C over North Coastal Tamilnadu, Puducherry & Karaikal area; 31-38°C over South Coastal Tamilnadu. The hilly areas recorded 23°C to 25°C maximum temperatures.

Chennai recorded above normal maximum temperatures (MBK: 41.6°C, +2.7°C & NBK: 40.4°C, +2.4°C)

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

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

MAXIMUM TEMPERATURE (DEPARTURE):

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

Namakkal recorded the lowest minimum temperature of **20.0°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° c or more)	-----
Appreciable rise (2.1 ° C to 4.0°)	Over Nagapattinam district.
Appreciable fall (-2.1° C to -4.0°)	-----
Markedly fall (-4.1° C or less)	-----
No large change (-2.0° C to 2.0° C)	Over the entire subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.0 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	Over Vellore district.
Above Normal (1.6 °C to 3.0 ° C)	Over Chennai, Nilgiris, Thirupattur and Tiruvallur districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Erode district.
Appreciably below normal (- 3.1° C to -5.0°C)	-----
Markedly below normal (- 5.0° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Synoptic Meteorological feature:

Southwest Monsoon has set in over Kerala and Mahe and advanced into some parts of Lakshadweep area and Tamilnadu today the 30th May, 2024.

The Northern Limit of Monsoon passes through 13°N/60°E, 12°N/65°E, 11°N/70°E, Amini, Kannur, Coimbatore, Kanyakumari, 8.5°N/80°E, 13°N/84°E, 16°N/87°E, 20°N/91°E, Agartala, Dhubri, 27°N/89.5°E.

A cyclonic circulation lies over southeast Arabian Sea off south Kerala at 5.8 km above mean sea level.

Yesterday's shear zone over south peninsular India now runs roughly along Lat. 8°N between 3.1 & 4.5 km above mean sea level.

Conditions are favourable for further advance of Southwest Monsoon into some more parts of central Arabian Sea, remaining parts of southeast Arabian Sea, Lakshadweep area and Kerala, some parts of Karnataka, some more parts of Tamil Nadu, some parts of Gulf of Mannar, and some more parts Southwest & Central Bay of Bengal and remaining parts of Northeast Bay of Bengal during next 2- 3 days.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (30.05.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 2 (31.05.2024)	Light to moderate rain with thunderstorm and lightening is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (01.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Tirupattur, Salem, Erode, Nilgiris, Ghat areas of Coimbatore, Tiruchirappalli and Namakkal districts.
Day 4 (02.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Tirupattur, Salem, Erode, Nilgiris, Ghat areas of Coimbatore, Tiruchirappalli and Namakkal districts.
Day 5 (03.06.2024)	Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipettai and Tiruvallur districts.
Day 6 (04.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (05.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (30.05.2024)	Maximum Temperature is likely to be above normal by 2-3°C at a few pockets over Tamilnadu , and near normal over rest Tamilnadu, Puducherry & Karaikal during 30.05.2024 & 31.05.2024.
to	
Day 5 (03.06.2024)	It is likely to fall by 1-2°C and is likely to be near normal to slightly above normal over Tamilnadu, Puducherry & Karaikal during 01.06.2024 to 03.06.2024.

HEAVY RAINFALL WARNING

Day 3 (01.06.2024) & Day 4 (02.06.2024)	Heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Tirupattur, Salem, Erode, Nilgiris, Ghat areas of Coimbatore, Tiruchirappalli and Namakkal districts.
Day 5 (03.06.2024)	Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipettai and Tiruvallur districts.

THUNDERSTORM WARNING

Day 2 (31.05.2024) to Day 5 (03.06.2024)	Thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and 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. Maximum temperature is likely to be around 41°C and Minimum temperature is likely to be 29-30°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 40-41°C and Minimum temperature is likely to be 29-30°C .

P. SENTHAMARAI KANNAN,
SCIENTIST 'F'

For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:30-05-2024 (9 Jyaishta 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	1-3-2024	mm	
Adiramapattinam	35.9	1.6	27.6	0.8	76	4	0.0	185.8	43.0	22	124	
Chennai	40.4	2.4	30.5	2.0	66	2	0.0	21.8	-35.3	9	140	
Chennai_AP	41.6	2.7	28.4	0.4	61	0	0.0	12.4	-57.9	9	138	
Coimbatore_AP	33.8	-0.5	24.2	0.5	78	-1	0.0	222.9	113.8	24	59	m*
Coonoor	24.6	0.3	18.5	2.6	83	12	0.0	541.4	230.8	69	159	
Cuddalore	38.4	0.7	28.6	1.5	78	10	0.0	62.0	-10.9	22	134	
Dharmapuri	35.7	-0.1	25.5	1.5	69	1	0.0	184.2	8.0	19	91	
Erode	38.8	0.8	20.6	-2.2	73	8	0.0	78.8	--	9	--	
Kanyakumari	31.0	-0.8	24.4	-1.3	89	8	tr	317.6	179.2	33	75	d*
KarurParamathi	37.5	2.2	24.0	-1.0	69	-5	0.0	154.2	13.3	17	59	
Karaikal	37.7	0.7	28.4	1.1	70	-1	0.0	96.8	0.5	33	150	
Kodaikanal	24.3	3.4	13.9	0.9	87	11	0.0	268.2	-57.4	35	158	
Madurai_City	39.4	1.6	24.4	-1.3	72	-3	0.0	137.6	--	14	--	
Madurai_AP	40.0	1.8	27.6	1.2	67	4	0.0	116.9	-24.9	13	85	
Nagapattinam	38.4	1.4	28.1	0.8	69	-4	0.0	89.4	-11.4	38	143	
Namakkal	36.5	--	20.0	--	NA	--	0.0	166.4	--	18	--	
Palayamkottai	36.5	-1.3	27.5	1.0	75	6	0.0	96.0	-49.4	14	73	
Pamban	34.5	0.5	28.9	0.9	79	3	0.0	240.0	129.0	31	91	
Parangipettai	39.6	--	24.0	--	78	--	0.0	73.4	-5.0	22	139	
Puducherry	39.2	1.2	28.6	1.4	72	2	0.0	56.2	-35.2	23	134	
Salem	36.6	0.1	25.6	0.9	75	0	0.0	229.2	62.7	23	102	
Thanjavur	38.0	--	30.0	--	69	--	0.0	26.8	-66.9	9	95	
Thirupattur	36.4	-0.6	27.2	2.5	60	-7	0.0	69.4	-62.0	7	95	
Tiruchirappalli_AP	38.1	0.2	28.0	1.4	71	5	0.0	213.0	103.7	23	87	z*
Tiruthani	40.1	0.7	28.5	1.9	45	-14	0.0	36.2	-48.0	6	101	
Tondi	34.9	0.7	26.8	-0.2	62	-11	0.0	220.2	89.6	25	88	
Thoothukudi	38.0	2.7	27.9	1.3	74	-1	0.0	165.5	53.5	23	63	
Udagamandalam	23.0	0.8	14.0	2.2	85	2	0.0	248.2	18.9	30	116	
Valparai	25.0	-1.1	16.5	-1.2	95	5	28.0	532.6	215.6	63	290	r*
Vellore	38.6	-0.5	29.1	3.2	62	-5	0.0	65.6	-49.8	9	103	

*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

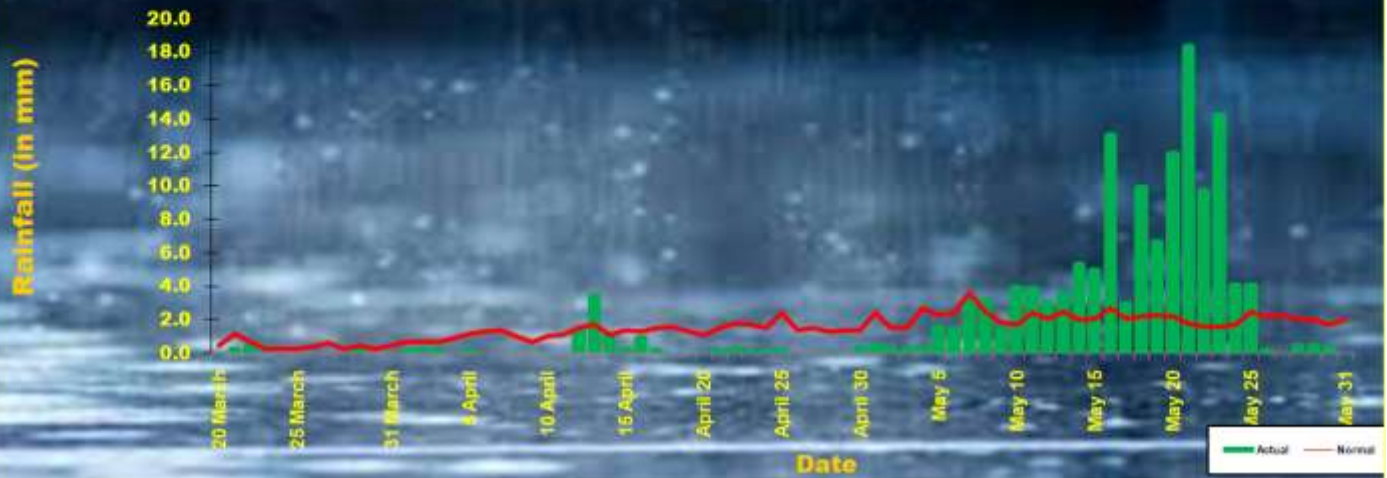
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

PRE-MONSOON RAINFALL 2024		30.05.2024			From 01.03.2024 to 30.05.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	0.3	1.7	-85	147.9	123.1	20
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	0.0	1.3	-100	97.1	83.8	16
687	CHENGALPATTU	0.0	0.5	-100	31.6	54.5	-42
461	CHENNAI	0.0	0.4	-100	20.9	48.2	-57
462	COIMBATORE	4.2	2.2	91	289.9	158.6	83
463	CUDDALORE	0.0	1.2	-100	80.6	79.1	2
464	DHARMAPURI	0.0	3.4	-100	211.6	164.2	29
465	DINDIGUL	0.0	1.8	-100	294.0	169.5	73
466	ERODE	0.0	2.2	-100	176.9	144.1	23
688	KALLAKURICHI	0.0	0.7	-100	55.3	80.7	-31
467	KANCHEEPURAM	0.0	1.7	-100	22.3	69.7	-68
468	KANYAKUMARI	7.4	5.9	25	485.2	267.1	82
636	KARAIKAL	0.0	0.1	-100	96.8	96.3	1
469	KARUR	0.0	0.4	-100	139.0	109.3	27
470	KRISHNAGIRI	0.0	3.1	-100	135.4	149.0	-9
471	MADURAI	0.0	2.7	-100	151.7	138.6	9
695	MAYILADUTHURAI	0.0	1.1	-100	87.4	85.8	2
472	NAGAPATTINAM	0.0	0.2	-100	103.6	90.4	15
473	NAMAKKAL	0.0	3.4	-100	161.0	143.6	12
474	NILGIRIS	0.0	4.0	-100	316.7	209.9	51
475	PERAMBALUR	0.0	1.2	-100	81.2	88.3	-8
476	PUDUCHERRY	0.0	0.6	-100	56.2	91.4	-39
477	PUDUKKOTTAI	0.0	0.9	-100	119.1	86.3	38
478	RAMANATHAPURAM	0.0	0.7	-100	166.5	106.9	56
689	RANIPET	0.0	1.9	-100	7.9	79.9	-90
479	SALEM	0.0	3.3	-100	175.8	161.1	9
480	SIVAGANGA	0.0	1.9	-100	133.3	129.7	3
690	TENKASI	0.0	0.9	-100	155.0	178.9	-13
481	THANJAVUR	0.0	1.3	-100	118.9	96.9	23
482	THENI	0.2	1.3	-84	210.8	169.8	24
483	TIRUNELVELI	0.0	1.0	-100	223.3	129.8	72
691	TIRUPATTUR	0.0	2.6	-100	121.9	112.6	8
535	TIRUPPUR	0.0	2.0	-100	148.8	126.5	18
484	TIRUVALLUR	0.0	0.8	-100	16.1	64.9	-75
485	TIRUVANNAMALAI	0.0	1.8	-100	87.2	96.5	-10
486	TIRUVARUR	0.0	0.5	-100	150.8	102.4	47
488	TOOTHUKUDI	0.0	0.2	-100	66.3	106.6	-38
487	TRICHY	0.0	1.2	-100	139.0	103.1	35
489	VELLORE	0.0	1.5	-100	71.8	102.6	-30
490	VILLUPURAM	0.0	0.7	-100	71.1	62.9	13
491	VIRUDHUNAGAR	0.0	1.3	-100	165.0	145.6	13
	SUBDIVISION RAINFALL	0.3	1.7	-85	147.7	123.0	20
LEGEND	PDN*	Percentage Departure from Normal					
	***	Rainfall for the 24 hrs ending at 0630 hrs of date					

Premonsoon Rainfall 2024 for Tamilnadu and Puducherry
 From 01.03.2024 to To 30.05.2024 : Actual: 147.7 (mm) Normal: 123.0 (mm)
 Departure from Normal : (+) 20 %



**Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 30/05/2024)**



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 30/05/2024

Highest Rainfall recorded(mm): 43.6
Place: MULLANGINAVILLAI (KANYAKUMARI)





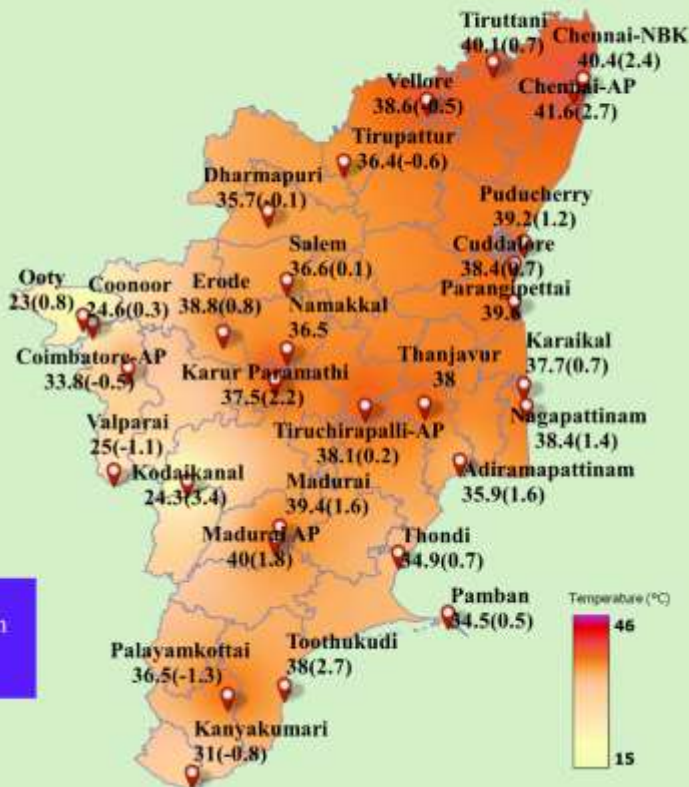
Realised Maximum Temperature ($^{\circ}\text{C}$) in the past 24 Hrs (upto 0830 IST of 30/05/2024) and its departure from normal($^{\circ}\text{C}$)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 30/05/2024

The highest temperature recorded : 41.6°C
Place : Chennai-AP

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



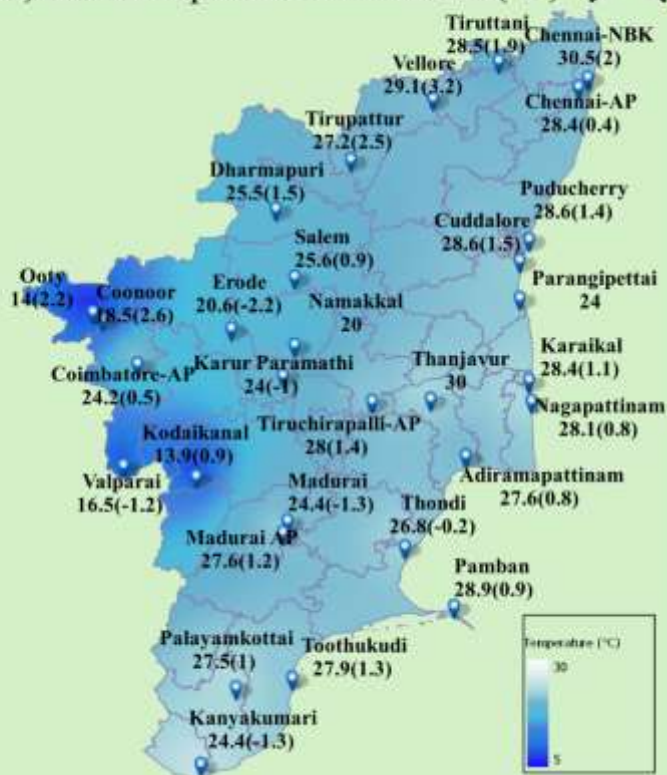
Realised Minimum Temperature ($^{\circ}\text{C}$) in the past 24 Hrs (upto 0830 IST of 30/05/2024) and its departure from normal($^{\circ}\text{C}$)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 30/05/2024

The lowest temperature recorded in the plains : 20°C
Place : Namakkal
The lowest temperature recorded in the hilly region : 13.9°C
Place : Kodaikanal

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



Day 3 : 01.06.2024



Heavy Rainfall Warnings dated 30/05/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 3: 01/06/2024



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 4 : 02.06.2024



Heavy Rainfall Warnings dated 30/05/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 4: 02/06/2024



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 : 03.06.2024



Heavy Rainfall Warnings dated 30/05/2024 for Tamilnadu, Puducherry & Karaikal







India Meteorological Department
Regional Meteorological Centre
Chennai


For Day 5: 03/06/2024



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:

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