



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951

DATE: Sunday, June 9, 2024 (19 Jyaistha 1946)

Time of issue: 1330 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. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Nalumukku (dist Tirunelveli), Sholayar (dist Coimbatore) 11 each, Valparai PAP (dist Coimbatore), Oothu (dist Tirunelveli), Valparai Taluk Office (dist Coimbatore) 9 each, Lower Anaicut (dist Thanjavur), Manalmedu (dist Mayiladuthurai), Manalmedu ARG (dist Mayiladuthurai), Kakkachi (dist Tirunelveli) 7 each, Chinnakalar (dist Coimbatore) 5, Balamore (dist Kanniyakumari), Palacode (dist Dharmapuri), Barur (dist Krishnagiri), Periyar (dist Theni), Devala (dist The Nilgiris), Kozhiporvilai (dist Kanniyakumari) 4 each, Avalanche (dist The Nilgiris), Ayyampettai (dist Thanjavur), Valparai PTO (dist Coimbatore), Thenparanadu (dist Thiruchirappalli), Thuckalay (dist Kanniyakumari), Pechiparai (dist Kanniyakumari), Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Sirkali (dist Mayiladuthurai), Thekkadi (dist Theni), Suralacode (dist Kanniyakumari), Cincona (dist Coimbatore), Jambukuttapatti (dist Krishnagiri), Upasi TRF AWS (dist Coimbatore) 3 each, Nedungal (dist Krishnagiri), Bhoothapandy (dist Kanniyakumari), Thaluthalai (dist Perambalur), Adavinainnarkoil Dam (dist Tenkasi), Kumbakonam (dist Thanjavur), Thanjai Papanasam (dist Thanjavur), Sivalogam (dist Kanniyakumari), Adayamadai (dist Kanniyakumari), Pennagaram (dist Dharmapuri), Kalasapakkam (dist Tiruvannamalai), Barwood (dist The Nilgiris), Emeraldad (dist The Nilgiris), Colachel (dist Kanniyakumari), Mukkadai Dam (dist Kanniyakumari), Upper Gudalur (dist The Nilgiris), Manjulai (dist Tirunelveli), Kodumudiyaru Dam (dist Tirunelveli), Upper Bhavani (dist The Nilgiris), Thiruvidadimaruthur (dist Thanjavur), Pochampalli ARG (dist Krishnagiri) 2 each, Mylaudy (dist Kanniyakumari), Thuvakudi Imti (dist Thiruchirappalli), Cheyyar (dist Tiruvannamalai), Madukkarai Taluk Office (dist Coimbatore), Penucondapuram (dist Krishnagiri), Koppampatti (dist Thiruchirappalli), Perunchani Dam (dist Kanniyakumari), Jayamkondam (dist Ariyalur), Gudalur Bazar (dist The Nilgiris), Papanasam (dist Tirunelveli), Kannimar (dist Kanniyakumari), Eraniel (dist Kanniyakumari), Podanur Railway Station (dist Coimbatore), Taluk Office Pandalur (dist The Nilgiris), Mullanginavillai (dist Kanniyakumari), Nagercoil (dist Kanniyakumari), Glenmorgan (dist The Nilgiris), Paiyur AWS (dist Krishnagiri), Dharmapuri PTO (dist Dharmapuri), Aralvaimozhi (dist Kanniyakumari), Dharmapuri (dist Dharmapuri), Kurunthancode (dist Kanniyakumari), PWD Makkinampatti (dist Coimbatore), Puthan Dam (dist Kanniyakumari), Kalial (dist Kanniyakumari), Chittar-I (dist Kanniyakumari), Wood Braiyar Estate (dist The Nilgiris), Ponnaniyar Dam (dist Thiruchirappalli), K.M.Koil (dist Cuddalore), Tiruchirappalli Airport (dist Thiruchirappalli), Kurungulam (dist Thanjavur), Thirparappu (dist Kanniyakumari), Kunda Bridge (dist The Nilgiris),

Thuraiyur (distThiruchirappalli), Veeraganoor (dist Salem), Uthiramerur (dist Kancheepuram), HarisanMalayalam Ltd. (dist The Nilgiris), Thenkasi (dist Tenkasi), Tirupattur (dist Tirupathur),Thirupathisaram AWS (dist Kanniyakumari), Kallakudi (dist Thiruchirappalli), Budalur (distThanjavur), Anaimalai Taluk Office (dist Coimbatore), Kothavacherry (dist Cuddalore),Thirumoorthi Dam (dist Tiruppur), Naduvattam (dist The Nilgiris), Chamraj Estate (dist TheNilgiris), Uthangarai (dist Krishnagiri), Tirumangalam (dist Madurai), Jayamkondam ARG (distAriyalur), Nagercoil ARG (dist Kanniyakumari), Thenkasi AWS (dist Tenkasi) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (**09.06.2024**), the maximum temperatures were **generally below normal/near normal** over Tamilnadu, Puducherry and Karaikal area.

Highest maximum temperature was recorded at **Erode: 36.0°C**.

Maximum temperature was **32-36°C** over the plains of Interior Tamilnadu; **33-35°C** over North Coastal Tamilnadu, Puducherry & Karaikal area; **30-34°C** over South Coastal Tamilnadu; **21°C-25°C** over the hilly areas.

Chennai recorded **appreciably below normal** maximum temperature (**MBK: 34.8°C, -3.2°C** and **NBK: 34.0°C, -3.5°C**)

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	Over Thanjavur and Cuddalore districts.
Appreciable fall (-2.1 ° C to -4.0° C)	Over Tirunelveli and Coimbatore districts.
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)	-----
Above normal (1.6° C to 3.0° C)	-----
Below normal (-1.6 ° to -3.0 ° C)	Over Cuddalore, Madurai, Trichy and Vellore districts & Puducherry.
Appreciably below normal (-3.1 to -5.0°C)	Over Chennai, Nagapattinam, Tirunelveli and Tiruvallur districts & Karaikal area.
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 **18.0°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 Madurai and Tiruvallur districts & Karaikal area.

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 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)	-----
Below normal (-1.6 ° to -3.0 ° C)	Over Karur and Trichy districts.
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 the rest of the subdivision.

Synoptic Meteorological Features:

The Northern Limit of Monsoon continues to pass through 19.5°N/60°E, 19.5°N/65°E, 19.0°N/70°E, Thane, Ahmednagar, Beed, Nizamabad, Sukma, Malkangiri, Vizianagaram, 19.5°N/88°E, 21.5°N/89.5°E, 23°N/89.5°E and Islampur.

Southwest Monsoon has further advanced into some more parts of Coastal Andhra Pradesh and Telangana, today, the 09th June 2024.

Yesterday's shear zone now runs roughly along 18°N between 3.1 km & 7.6 km above mean sea level

Yesterday's trough from Maharashtra to North Kerala extending upto 0.9 km above mean sea level has become less marked.

Conditions are favourable for further advance of Southwest Monsoon into remaining parts of Coastal Andhra Pradesh and Telangana during next 2-3 days.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (09.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Kanyakumari, Nilgiris, Ghat areas of Coimbatore, Tiruppur, Theni, Dindigul, Virudhunagar, Tenkasi and Tirunelveli districts.
Day 2 (10.06.2024)	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 3 (11.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 4 (12.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 5 (13.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

Day 6 (14.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (15.06.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (09.06.2024) to Day 5 (13.06.2024)	Maximum Temperature is likely to gradually rise by 2-3°C over Tamilnadu, Puducherry & Karaikal during 09.06.2024 to 13.06.2024 .
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HEAVY RAINFALL WARNING

Day 1 (09.06.2024)	Heavy rain is likely to occur at isolated places over Kanyakumari, Nilgiris, Ghat areas of Coimbatore, Tiruppur, Theni, Dindigul, Virudhunagar, Tenkasi and Tirunelveli districts.
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THUNDERSTORM WARNING

Day 1 (09.06.2024) & Day 2 (10.06.2024)	Thunderstorm, 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. Light rain with thunderstorm and lightning is likely to occur in some areas. Maximum temperature is likely to be 36-37°C and Minimum temperature is likely to be 27-28°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 36-37°C and Minimum temperature is likely to be 27-28°C .

**Dr. B. GEETHA,
SCIENTIST 'D'**

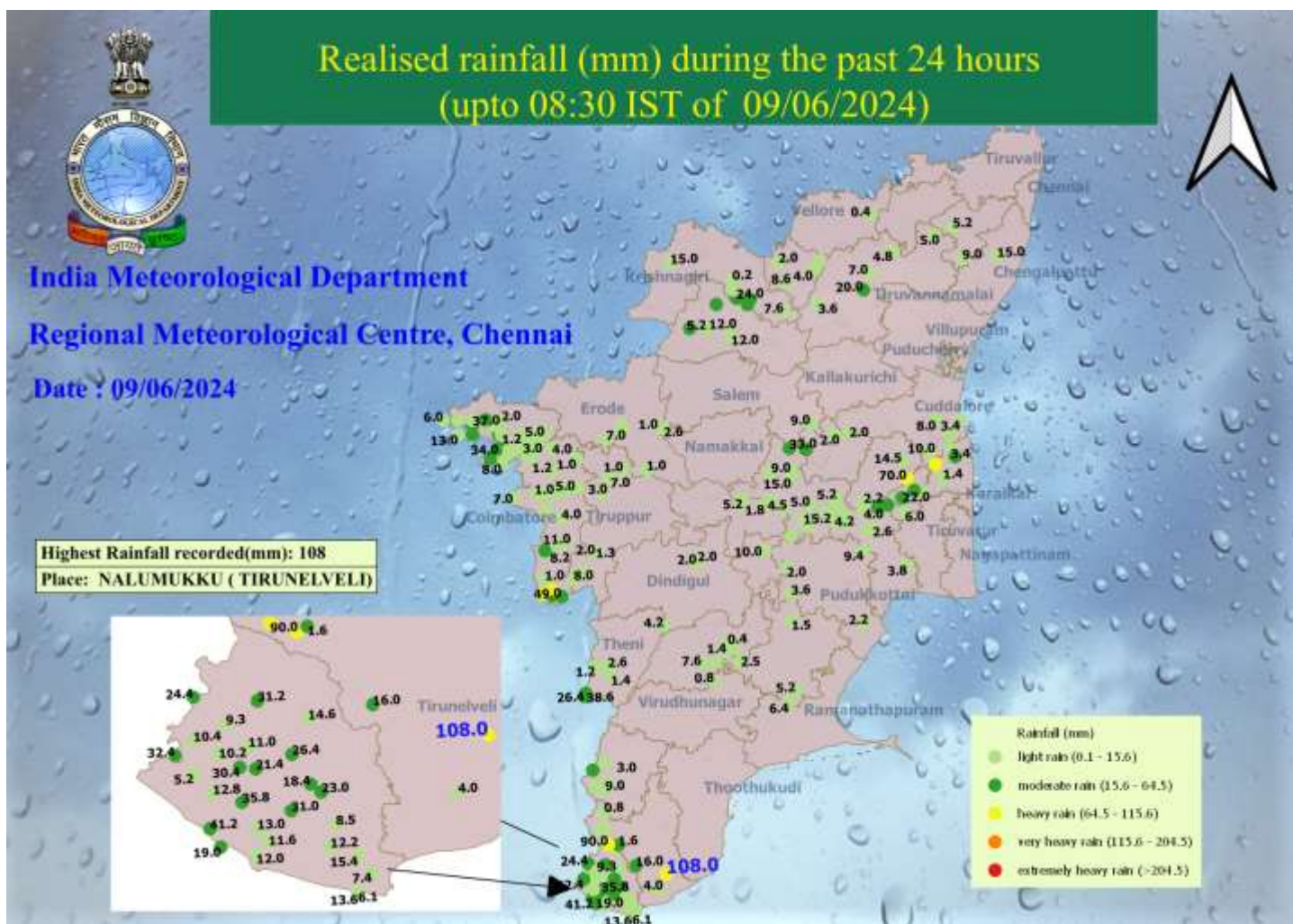
**For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai**

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:09-06-2024 (19 Jyaistha 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	1-6-2024	mm	
Adiramapattinam	33.5	-0.8	27.0	0.7	74	3	0.0	78.5	65.7	30	124	
Chennai	34.0	-3.5	27.9	-0.2	71	6	0.0	81.4	62.8	17	140	
Chennai_AP	34.8	-3.2	26.0	-1.5	70	8	0.0	112.2	88.5	20	138	
Coimbatore_AP	33.7	0.8	23.0	-0.3	80	2	4.8	7.1	-0.7	25	59	r*
Coonoor	24.6	1.1	16.4	0.9	88	13	6.3	44.3	17.8	73	159	r*
Cuddalore	34.6	-2.7	26.8	0.2	79	9	0.0	91.4	77.8	31	134	
Dharmapuri	33.5	-0.8	23.0	-0.9	91	21	12.0	67.0	30.9	26	91	r*
Erode	36.0	-1.4	19.5	-3.8	77	14	0.0	79.8	--	17	--	
Kanyakumari	30.2	-0.8	24.0	-0.8	89	8	6.1	74.3	41.3	40	75	r*
KarurParamathi	35.5	1.3	22.0	-2.8	75	3	0.0	51.2	36.8	23	59	
Karaikal	33.4	-3.1	26.8	0.0	88	18	0.0	41.5	16.9	37	150	
Kodaikanal	20.6	0.5	13.8	1.0	76	-4	tr	73.8	35.3	43	158	d*
Madurai_City	32.4	-2.8	24.6	-0.3	72	-4	0.8	63.4	--	21	--	r*
Madurai_AP	34.8	-2.9	25.1	-1.1	78	16	1.0	71.9	53.9	20	85	r*
Nagapattinam	33.4	-3.4	25.9	-1.0	72	1	0.0	43.0	28.0	42	143	
Namakkal	35.0	--	18.0	--	NA	--	0.0	83.4	--	27	--	
Palayamkottai	32.0	-4.3	26.2	-0.2	74	5	0.0	7.0	2.2	15	73	
Pamban	32.4	-1.3	27.6	-0.2	81	7	tr	35.3	31.7	34	91	d*
Parangipettai	35.0	--	26.5	--	83	--	3.4	82.1	67.7	30	139	r*
Puducherry	34.8	-2.6	26.7	-0.2	70	0	0.0	34.1	21.0	27	134	
Salem	34.8	-0.3	24.5	0.1	76	0	0.0	148.4	112.3	38	102	
Thanjavur	34.0	--	27.0	--	79	--	0.4	39.7	26.6	13	95	
Thirupattur	34.8	-0.8	24.2	-0.4	80	8	0.0	97.0	67.5	20	95	
Tiruchirappalli_AP	34.5	-3.0	25.0	-1.6	84	18	9.6	123.7	109.8	35	87	r*
Tiruthani	33.5	-4.1	25.2	-1.1	65	2	0.0	110.2	85.8	17	101	
Tondi	33.8	-0.6	25.2	-1.4	70	1	0.0	88.2	80.1	33	88	
Thoothukudi	NA	--	NA	--	NA	--	NA	--	--	--	63	
Udagamandalam	20.7	1.0	13.1	1.1	100	13	7.2	117.8	77.3	42	116	r*
Valparai	25.0	0.1	16.5	-1.4	95	3	34.0	153.6	38.4	79	290	r*
Vellore	34.9	-2.6	25.7	0.2	69	0	0.4	41.3	13.6	13	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							
SOUTHWEST-MONSOON RAINFALL 2024		09.06.2024			From 01.06.2024 to 09.06.2024		
CODE	NAME	ACTUAL in mm	NORMAL in mm	PDN*	ACTUAL in mm	NORMAL in mm	PDN*
	STATES						
31	TAMIL NADU	3.8	1.4	164	59.6	18.4	224
	MET. SUBDIVISIONS						
31	TAMIL NADU & PUDUCHERRY						
534	ARIYALUR	2.8	1.1	153	42.1	16.1	161
687	CHENGALPATTU	0.0	2.1	-100	61.9	12.8	384
461	CHENNAI	0.0	2.6	-100	65.4	16.3	301
462	COIMBATORE	19.8	3.9	408	66.6	36.5	82
463	CUDDALORE	1.2	1.6	-26	69.6	15.4	352
464	DHARMAPURI	11.2	1.5	647	87.7	29.4	198
465	DINDIGUL	0.8	1.7	-52	49.2	20.1	145
466	ERODE	1.0	1.0	1	49.9	20.1	148
688	KALLAKURICHI	0.0	1.8	-100	69.0	18.9	265
467	KANCHEEPURAM	2.8	3.5	-19	69.8	19.9	251
468	KANYAKUMARI	18.1	6.0	202	80.0	65.3	23
636	KARAIKAL	0.0	1.1	-100	41.7	24.6	70
469	KARUR	0.7	0.2	233	67.8	11.8	475
470	KRISHNAGIRI	7.3	1.4	418	108.3	25.3	328
471	MADURAI	0.6	1.2	-48	65.2	15.7	315
695	MAYILADUTHURAI	16.0	0.4	3900	37.9	12.8	196
472	NAGAPATTINAM	0.0	0.6	-100	33.4	12.1	176
473	NAMAKKAL	0.0	1.1	-100	69.2	18.0	284
474	NILGIRIS	9.8	4.5	117	77.1	46.6	65
475	PERAMBALUR	2.4	0.2	1082	38.5	13.4	187
476	PUDUCHERRY	0.0	1.9	-100	34.1	13.1	160
477	PUDUKKOTTAI	0.2	0.9	-74	66.0	14.7	349
478	RAMANATHAPURAM	0.4	0.4	-11	35.7	5.8	516
689	RANIPET	0.0	2.3	-100	91.0	23.0	296
479	SALEM	0.5	1.6	-67	77.4	24.1	221
480	SIVAGANGA	1.0	1.4	-27	66.2	18.1	266
690	TENKASI	4.5	1.5	199	6.0	14.0	-57
481	THANJAVUR	9.2	0.5	1738	47.4	13.3	256
482	THENI	5.0	0.6	736	47.0	11.8	298
483	TIRUNELVELI	18.0	0.8	2147	31.4	8.6	265
691	TIRUPATTUR	1.8	1.7	8	105.2	27.4	284
535	TIRUPPUR	1.7	0.1	1615	40.0	12.2	228
484	TIRUVALLUR	0.0	2.2	-100	86.9	20.6	322
485	TIRUVANNAMALAI	5.1	2.4	112	68.0	20.3	235
486	TIRUVARUR	0.7	0.8	-17	37.1	12.2	204
488	TOOTHUKUDI	0.0	0.1	-100	5.7	2.7	112
487	TRICHY	6.0	0.6	897	81.0	13.3	509
489	VELLORE	0.1	2.4	-98	39.7	24.2	64
490	VILLUPURAM	0.0	1.7	-100	33.9	15.5	119
491	VIRUDHUNAGAR	0.0	0.9	-100	70.7	10.2	593
	SUBDIVISION RAINFALL	3.8	1.5	163	59.6	18.4	224
LEGEND	PDN*	Percentage Departure from Normal					
		Rainfall for the 24 hrs ending at 0630 hrs of date					





Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 09/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 09/06/2024

The highest temperature recorded : 36°C
Place : Erode

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



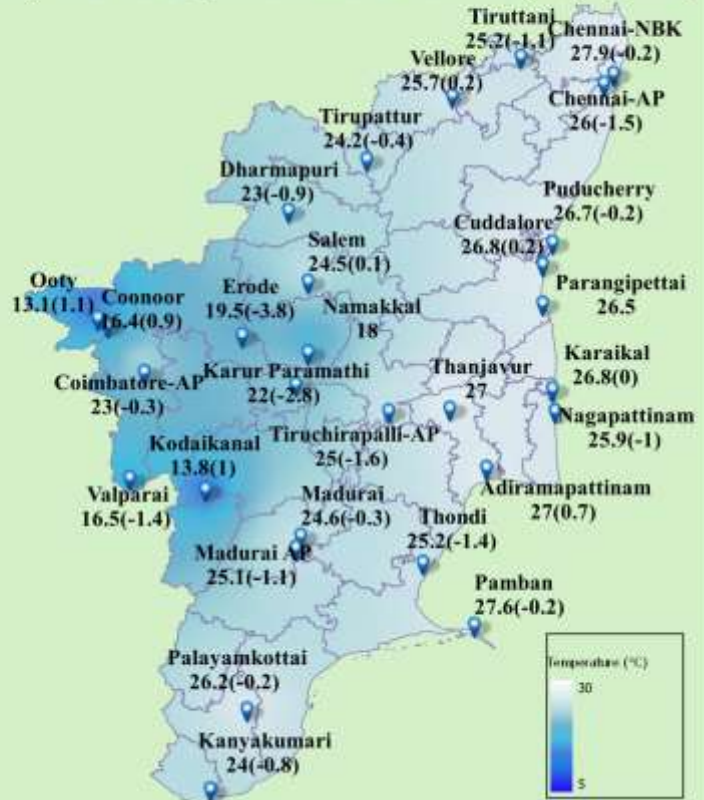
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 09/06/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 09/06/2024

The lowest temperature recorded in the plains : 18°C
Place : Namakkal
The lowest temperature recorded in the hilly region : 13.1°C
Place : Ooty

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



Day 1 : 09.06.2024



Heavy Rainfall Warnings dated 09/06/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1: 09/06/2024



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