

 India Meteorological Department	<p style="text-align: center;">இந்திய அரசு இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை-600006 - தொலைபேசி : 044- 28271951.</p>		<p style="text-align: center;">GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951.</p>
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DATE: 29 April 2024	Time of Issue: 1330 Hrs IST
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FROM: REGIONAL WEATHER FORECASTING CENTRE, CHENNAI

TO: The Commissioner of Revenue Administration (Tamil Nadu)
The Special Branch CID, O/of the DGP Campus, Mylapore (Mobile: 94981 02750)
The Commissioner of Chennai / IS - Inspector Control Room /
The Commissioner of Greater Chennai Corporation,
The District Collector, Karaikal
The Chief Secretary / The Commissioner-cum-Secretary (Revenue), SB CID /
The Special Secretary to Government-cum- District Collector, Puducherry.

DAILY WEATHER BULLETIN FOR TAMIL NADU AND PUDUCHERRY

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

Light rain occurred over Tirunelveli district. Dry weather prevailed over rest Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Nil

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (29.04.2024), there was no large change in the maximum temperatures over Tamilnadu and were generally **above normal to appreciably above normal by 2 to 4°C** over a few pockets in the plains of interior Tamilnadu. They were generally near **normal** over the plains of **rest of Tamilnadu, Puducherry & Karaikal areas.**

Highest maximum temperature recorded at **Erode 42.0°C (+3.6°C)**. Six stations, other than Erode recorded maximum temperature above 40°C. **Tirupattur: 41.4°C (+3.6°C), Dharmapuri: 41.2°C (+4.1°C), Vellore: 41.1°C (+2.3°C), Tiruttani: 40.6°C (+1.7°C), Karur Paramathi: 40.2°C (+3.1°C), Salem: 40.1°C. (+2.4°C).** Plains of **the rest of Interior Tamilnadu** recorded **38-40°C**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **35°C to 37°C** and the **hilly areas**, **22°C to 30°C** temperatures Chennai recorded normal maximum (MBK: **38.6°C, +1.9°C** and NBK: **36.0°C, +0.4°C**).

Maximum temperatures observed during the past 24 hours:

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	-----
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 the entire subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal	Over Nilgiris (Ooty) district.
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(5.1 °C or more)	
Appreciably above Normal (3.1- 5.0 °C)	Over Dharmapuri, Erode, Kanyakumari, Karur and Thirupattur districts.
Above normal (1.6° C to 3.0° C)	Over Chennai, Coimbatore, Nilgiris (Coonoor), Madurai, Ramanathapuram, Salem, Tiruvallur and Vellore 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 rest of the subdivision.

Namakkal recorded the lowest minimum temperature of **21.5°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 Vellore 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)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Coimbatore, Kanyakumari, Madurai, Tirunelveli and Ramanathapuram districts and Karaikal area.
Below normal (-1.6 ° to -3.0 ° C)	-----
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 rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's trough/wind discontinuity from eastern parts of Vidarbha to north Kerala now runs from central Vidarbha to Coastal Karnataka across Marathwada and interior Karnataka extends upto 1.5 km above mean sea level persists.

Yesterday's cyclonic circulation over Gulf of Mannar & neighbourhood now lies over south Tamilnadu & neighbourhood at 0.9 km above mean sea level persists.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (29.04.2024)	Light rain is likely to occur at one or two places over Kanyakumari and Tirunelveli districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and
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	Karaikal area.
Day 2 (30.04.2024)	Light rain is likely to occur at one or two places over Kanyakumari and Tirunelveli districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 3 (01.05.2024)	Light rain is likely to occur at one or two places over Kanyakumari and Tirunelveli districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 4 (02.05.2024)	Light rain is likely to occur at one or two places over Western Ghats districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 5 (03.05.2024)	Light rain is likely to occur at one or two places over Western Ghats and Adjoining North Interior districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 6 (04.05.2024)	Light rain is likely to occur at one or two places over Western Ghats and Adjoining North Interior districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 7 (05.05.2024)	Light rain is likely to occur at one or two places over Western Ghats and Adjoining North Interior districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (29.04.2024) to Day 5 (03.05.2024)	<u>Maximum Temperature:</u>
	There is no large change in Maximum temperature is likely during the next five days (29.04.2024 to 03.05.2024).
	Maximum temperature is likely to be 3-4°C above normal at a few pockets over the interior plains of Tamilnadu during the next three days (29.04.2024 to 01.05.2024) and 3-5°C above normal at a few pockets over the north interior plains of Tamilnadu during subsequent two days (02.05.2024 & 03.05.2024).
	It is likely to be 39-43°C at a few pockets over the plains of the Interior districts of Tamilnadu during the next five days. (29.04.2024 to 03.05.2024).
	It is likely to be 37-39°C at a few pockets over the plains of the rest Tamilnadu, Puducherry and Karaikal area during the next five days. (29.04.2024 to 03.05.2024).
	<u>Relative Humidity:</u>
	Humidity is likely to be about 30-50% in the afternoon hours and 40-75% during the rest of the day over the plains of interior districts; and 50-80% over the coastal areas during the next five days (29.04.2024 to 03.05.2024).

HEAT WAVE WARNING

Day 4 (02.05.2024) &	Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu.
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Day 5 (03.05.2024)	
TEMPERATURE WARNING	
Day 1 (29.04.2024) to Day 5 (03.05.2024)	Due to humid air & high temperatures, hot & discomfort weather is very likely to prevail at isolated pockets over rest of Tamilnadu, Puducherry and Karaikal area.
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 37-38°C and Minimum temperature is likely to be 28-29°C.
For next 48 hours	Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 37-38°C and Minimum temperature is likely to be 28-29°C.
<p style="text-align: right;">For Director Area Cyclone Warning Centre Regional Meteorological Centre, Chenn</p>	
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	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur,

Nadu (NCTN) districts	Tiruvavarur, 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