

 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: 27 April 2024	Time of Issue: 1300 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:

Dry weather prevailed over Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Nil

DESCRIPTION OF TEMPERATURE:

Maximum temperatures observed during the past 24 hours:

During the 24-hr ending 08:30 IST of today (27.04.2024), 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)**.

Eight stations, other than Erode recorded maximum temperature above 40°C. **Tirupattur: 41.6°C (+3.8°C), Salem: 41.5°C (+3.8°C), Karur Paramathi: 41.0°C (+3.9°C), Dharmapuri: 41.0°C (+3.9°C), Tiruttani: 40.4°C (+1.5°C), Vellore: 40.3°C (+1.5°C). Trichy: 40.1°C (+1.9°C), Namakkal: 40.0°C.**

Plains of **the rest of** Interior Tamilnadu recorded **38-40°C**.

The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded 34°C to 38°C and the **hilly areas**, 22°C to 31°C temperatures.

Chennai recorded normal maximum (MBK: 36.7°C, +0.0°C and NBK: 35.4°C, -0.2°C).

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 (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	Over Dharmapuri, Erode, Karur, Salem, Thirupattur and Coimbatore districts.
Above normal (1.6° C to 3.0° C)	Over Coimbatore, Nilgiris, Kanyakumari, Madurai, Trichy and Ramanathapuram 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.

Erode recorded the lowest minimum temperature of **20.2 °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°)	-----
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 and Nilgiris districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Thanjavur and Karur 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:

A cyclonic circulation lies over Comorin area & neighbourhood at 0.9 km above mean sea level. Yesterday's trough/wind discontinuity from Marathwada to North Tamil Nadu across Interior Karnataka extending upto 1.5 km above mean sea level persists.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (27.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 2 (28.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 3 (29.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.

Day 4 (30.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 5 (01.05.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 6 (02.05.2024)	Light to Moderate rain is likely to occur at one or two places over Western Ghats and adjoining districts of North Interior Tamilnadu. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 7 (03.05.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (27.04.2024) to Day 5 (01.05.2024)	<p><u>Maximum Temperature:</u> Maximum temperature is likely to raise gradually upto 2°C over Interior Tamilnadu during the next five days (27.04.2024 to 01.05.2024). Maximum temperature is likely to be 3-5°C above normal at a few pockets over the North Interior Tamilnadu during the next five days (27.04.2024 to 01.05.2024). It is likely to be 39-42°C at a few pockets over the plains of the North Interior districts of Tamilnadu during the next five days. (27.04.2024 to 01.05.2024). It is likely to be 35-39°C at a few pockets over the plains of the rest Tamilnadu, Puducherry and Karaikal area during the next five days. (27.04.2024 to 01.05.2024).</p> <p><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 (27.04.2024 to 01.05.2024).</p>
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HEAT WAVE WARNING

Day 1 (27.04.2024) to Day 5 (01.05.2024)	<p>Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu. 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</p>
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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 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 .

For Director
Area Cyclone Warning Centre
Regional Meteorological Centre, Chenn

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