

 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: 18 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

Rainfall occurred at one or two places over South Tamilnadu (Tirunelveli district). Dry weather prevailed over North 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 (18.04.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal by 2-4°C** over a few pockets in the plains of interior Tamilnadu. They were **normal to above normal** (1-3°C above normal) over the coastal areas of Tamilnadu and near **normal** over Puducherry & Karaikal areas.

Highest maximum temperature was recorded at **Karur Paramathi: 41.5°C (+4.2°C)** followed by **Erode: 41.4°C (+3.6°C)**, **Tiruchi: 40.6°C (+2.6°C)**, **Vellore: 40.5°C (+2.0°C)**, and **Dharmapuri: 40.0°C (+3.1°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 30°C (normal to above normal maximum temperatures).

Chennai recorded normal – above normal maximum temperature (**MBK:38.3°C, +2.3°C** and **NBK:36.1°C, +1.3°C**).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	Over Karur and Madurai districts.
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 rest of the subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	Over Nilgiris district.
Appreciably above Normal (3.1- 5.0 °C)	Over Dharmapuri, Erode, Karur and Ramanathapuram districts.

Above normal (1.6° C to 3.0° C)	Over Chennai, Coimbatore, Kanyakumari, Madurai, Salem, Trichy, 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 **22.0°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 Nilgiris 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 rest of the subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.0 ° C or more)	Over Nilgiris (Ooty) district.
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Coimbatore, Nilgiris (Coonoor), Dharmapuri, Kanyakumari, Tirunelveli, Salem, Thoothukudi and Vellore districts.
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 from Gulf of Mannar to south Telangana now runs from Comorin area to South Telangana across Interior Tamil Nadu and Rayalaseema at 0.9 km above mean sea level. Yesterday's trough from south Vidarbha to South Interior Karnataka at 0.9 km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (18.04.2024)	Light to Moderate rain is likely to occur at one or two places over Western Ghats and adjoining districts of Tamilnadu. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 2 (19.04.2024)	Light to Moderate rain with thunderstorm and lighting is likely to occur at one or two places over Interior districts of Tamilnadu. Dry weather is very likely to prevail over rest coastal Tamilnadu, Puducherry and Karaikal area.

Day 3 (20.04.2024)	Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over Western Ghats and adjoining districts of Tamilnadu. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 4 (21.04.2024)	Light to Moderate rain is likely to occur at one or two places over South Tamilnadu, Delta districts and Karaikal area. Dry weather is very likely to prevail over rest Tamilnadu and Puducherry.
Day 5 (22.04.2024)	Light to Moderate rain is likely to occur at one or two places over South Tamilnadu, Delta districts and Karaikal area. Dry weather is very likely to prevail over rest Tamilnadu and Puducherry.
Day 6 (23.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (24.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

THUNDERSTORM WARNING

Day 2 (19.04.2024) & Day 3 (20.04.2024)	Thunderstorm & lightning is likely to occur at one or two places over Tamilnadu.
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HEAT WAVE WARNING

Day 1 (18.04.2024) & Day 2 (19.04.2024)	Heat wave conditions are very likely to prevail at isolated pockets over North Interior Tamilnadu.
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TEMPERATURE FORECAST

Day 1 (18.04.2024) to Day 5 (22.04.2024)	<p><u>Maximum Temperature:</u> Gradual rise in maximum temperatures up to 2°C over a few pockets during the next two days and gradual fall by 2-3°C during the subsequent three days.</p> <p><u>Relative Humidity (18.04.2024 & 22.04.2024):</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 50-85% over the coastal areas during the next five days.</p>
Day 1 (18.04.2024) & Day 2 (19.04.2024)	<p>Maximum temperature is likely to be 3-5°C above normal at a few pockets over north interior Tamilnadu during the next two days (18.04.2024 & 19.04.2024).</p> <p>It is likely to be 39-42°C at a few pockets over the plains of the north interior districts, 34-38°C over the plains of rest of Tamilnadu, Puducherry & Karaikal during 18.04.2024 & 19.04.2024.</p>
Day 3 (20.04.2024) to Day 5 (22.04.2024)	Maximum temperature is likely to fall gradually by 2-3°C at a few pockets over interior Tamilnadu during 20.04.2024 & 21.04.2024.

TEMPERATURE WARNING

Day 1 (18.04.2024)
to
Day 5 (22.04.2024)

Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over **Tamilnadu** during the next five days.

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 **27-28°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 **27-28°C**.

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

Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram,

(ITN) districts	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