

 India Meteorological Department	<p style="text-align: center;"><b>இந்திய அரசு</b>  இந்திய வானிலை ஆய்வு துறை  மண்டல வானிலை ஆய்வு மையம்  6, கல்லூரி சாலை,  சென்னை-600006 -  <b>தொலைபேசி : 044- 28271951.</b></p>		<p style="text-align: center;"><b>GOVERNMENT OF INDIA</b>  INDIA METEOROLOGICAL DEPARTMENT  Regional Meteorological Centre  No. 6, College Road,  Chennai-600006  Phone: 044- 28271951.</p>
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<b>DATE: 1 May 2024</b>	<b>Time of Issue: 1300 Hrs IST</b>
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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:**

Rainfall occurred at one or two places over south Tamilnadu. Dry weather prevailed over north Tamilnadu, Puducherry and Karaikal area.

### **CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:**

Colachel (dist Kanniyakumari), Ayikudi (dist Tenkasi), Thirupathisaram AWS (dist Kanniyakumari), Thirparappu (dist Kanniyakumari) 3 each, Eraniel (dist Kanniyakumari), Kozhiporvilai (dist Kanniyakumari), Kurunthancode (dist Kanniyakumari), Sivalogam (dist Kanniyakumari), Thuckalay (dist Kanniyakumari), Thenkasi (dist Tenkasi), Periyar (dist Theni) 2 each, Mullanginavillai (dist Kanniyakumari), Mylaudy (dist Kanniyakumari), Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Karuppanadhi Dam (dist Tenkasi), Watrap (dist Virudhunagar), Kakkachi (dist Tirunelveli), Pilavakkal Periyar Dam (dist Virudhunagar) 1 each.

### **DESCRIPTION OF TEMPERATURE:**

During the 24-hr ending 08:30 IST of today (01.05.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal 2 to 4°C** over few pockets in the plains of interior Tamilnadu. They were **normal to above normal (1-3°C)** over the coastal areas of Tamilnadu and near normal over Puducherry & Karaikal area.

Highest maximum temperature recorded at **Karur Paramathi : 42.5°C (+5.7°C)** followed by **Erode: 42.2°C (+4.1°C)**, **Tirupattur: 41.8°C (+3.9°C)**, **Vellore: 41.6°C (+2.4°C)**, **Tiruchirappalli AP: 41.3°C (+2.9°C)**, **Salem: 40.8°C (+3.2°C)**, **Madurai AP: 40.6°C (+2.9°C)**, **Dharmapuri: 40.2°C (+3.3°C)**, **Madurai City: 40.2 (+2.6°C)**, **Tiruthani: 40.2°C (+1.0°C)**, **Namakal: 40.0°C** and **Thanjavur: 40.0°C**  
Plains of the rest of Interior Tamilnadu recorded **38-40°C**.

The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **35°C to 38°C** and the **hilly areas**, **23°C to 30°C** temperatures.

Chennai recorded normal maximum (MBK: 39.4°C, +2.3°C and NBK: 36.9°C, +0.8°C).

### **MAXIMUM TEMPERATURE (24 HOURS CHANGE):**

<b>Markedly rise (4.1° C or more)</b>	-----
<b>Appreciably rise (2.1° C to 4.0° C)</b>	-----
<b>Appreciable fall (-2.1 ° C to -4.0° C)</b>	-----

<b>Markedly fall</b> (-4.1° C or less)	-----
<b>No large change</b> (-2.1° C to 2.0° C)	Over the entire subdivision.

#### **MAXIMUM TEMPERATURE (DEPARTURE):**

<b>Markedly above normal</b> (5.1 °C or more)	Over Karur and Nilgiris (Ooty) districts.
<b>Appreciably above Normal</b> (3.1- 5.0 °C)	Over Coimbatore, Dharmapuri, Erode, Kanyakumari, Salem and Thirupattur districts.
<b>Above normal</b> (1.6° C to 3.0° C)	Over Thanjavur, Chennai, Nilgiris (Coonoor), Dindigul, Madurai, Ramanathapuram, Trichy, Coimbatore and Vellore districts.
<b>Below normal</b> (-1.6 ° to -3.0 ° C)	-----
<b>Appreciably below normal</b> (-3.1 to -5.0°C)	-----
<b>Markedly below normal</b> (-5.1 or less)	-----
<b>Normal</b> (-1.5° C to 1.5° C)	Over rest of the subdivision.

Erode recorded the lowest minimum temperature of **23.5°C** in the plains of the region.

#### **MINIMUM TEMPERATURE (24 HOURS CHANGE):**

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

#### **MINIMUM TEMPERATURE (DEPARTURE):**

<b>Markedly above normal</b> (5.0 ° C or more)	-----
<b>Appreciably above Normal</b> (3.1° C to 5.0 ° C)	-----
<b>Above Normal</b> (1.6 °C to 3.0 °C)	Over Thanjavur, Chennai, Coimbatore, Cuddalore, Dharmapuri, Tirunelveli, Ramanathapuram, Salem, Trichy, Nilgiris and Vellore districts and Puducherry.
<b>Below normal</b> (-1.6 ° to -3.0 ° C)	-----
<b>Appreciably below normal</b> (- 3.1° C to -5.0°C)	-----
<b>Markedly below normal</b> (- 5.0° C or less)	-----
<b>Normal</b> (-1.5° C to 1.5° C)	Over rest of the subdivision.

#### **Synoptic Meteorological feature:**

Light to moderate South westerlies prevails over the lower tropospheric level of the region.

Yesterday's trough/wind discontinuity from southeast Madhya Pradesh to south interior Karnataka across Vidarbha, Marathwada and north interior Karnataka extending upto 1.5 km above mean sea level has become less marked.

Yesterday's cyclonic circulation over south Tamil Nadu & neighbourhood at 0.9 km above mean sea level has also become less marked.

## **FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS**

<b>Day 1</b> <b>(01.05.2024)</b>	Light to moderate rain is likely to occur at one or two places over Western Ghats and adjoining districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
<b>Day 2</b> <b>(02.05.2024)</b>	Light to moderate rain is likely to occur at one or two places over Western Ghats and adjoining districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
<b>Day 3</b> <b>(03.05.2024)</b>	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
<b>Day 4</b> <b>(04.05.2024)</b>	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
<b>Day 5</b> <b>(05.05.2024)</b>	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
<b>Day 6</b> <b>(06.05.2024)</b>	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
<b>Day 7</b> <b>(07.05.2024)</b>	Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry and Karaikal area.

### **TEMPERATURE FORECAST**

<b>Day 1 (01.05.2024)</b> to <b>Day 5 (05.05.2024)</b>	<p><b><u>Maximum Temperature:</u></b></p> <p>Maximum temperature over <b>Interior Tamilnadu</b> is likely to raise gradually upto <b>2°C during the next three days (01.05.2024 to 03.05.2024)</b> and thereafter it is likely to fall upto <b>2°C during next two days (04.05.2024 to 05.05.2024)</b> .</p> <p>Maximum temperature is likely to be generally 2-4°C above normal over the <b>interior Tamilnadu during the next five days (01.05.2024 to 05.05.2024)</b> and above normal by 3-5°C at a few pockets over <b>north interior Tamilnadu during next three days. (01.05.2024 to 03.05.2024).</b></p> <p>It is likely to be <b>39-43°C</b> at a few pockets over the plains of the <b>North Interior districts, 38-40°C</b> over the plains of the <b>rest Tamilnadu</b> and <b>36-39°C</b> over <b>coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (01.05.2024 to 05.05.2024).</b></p> <p><b><u>Relative Humidity</u></b></p> <p>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 <b>(01.05.2024 to 05.05.2024).</b></p>
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### **THUNDERSTORM WARNING**

<b>Day 3 (03.05.2024)</b> to <b>Day 5 (05.05.2024)</b>	Thunderstorm & lightning is likely to occur at one or two places over <b>Tamilnadu, Puducherry and Karaikal area.</b>
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### **HEAT WAVE WARNING**

Day 1 (01.05.2024) to Day 3 (03.05.2024)	Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu.
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TEMPERATURE WARNING	
Day 1 (01.05.2024) to Day 3 (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 38-39°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 39-40°C and Minimum temperature is likely to be 28-29°C.

For Director

Area Cyclone Warning Centre

Regional Meteorological Centre, Chenn

<div>Legends:</div> <div>Day: 08:30 IST to 08:30 IST of next day</div>	
North Tamil Nadu	Chennai, Kancheepuram, Chengalpattu, Tiruvallur, Cuddalore, Villupuram,

<b>(NTN) districts</b>	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur.
<b>South Tamil Nadu (STN) districts</b>	Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram, Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari.
<b>Interior Tamil Nadu (ITN) districts</b>	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
<b>North interior Tamil Nadu (NITN) districts</b>	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur and Perambalur.
<b>South interior Tamil Nadu (SITN) districts</b>	Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
<b>Coastal Tamil Nadu (CTN) districts</b>	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
<b>North Coastal Tamil Nadu (NCTN) districts</b>	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai.
<b>South Coastal Tamil Nadu (SCTN) districts</b>	Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
<b>Delta Districts</b>	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and Karaikal area.
<b>Delta and Adjoining districts</b>	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Karaikal and Tiruchirapalli, Perambalur, Ariyalur, Cuddalore.
<b>Western Ghat districts</b>	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar
<b>PDC</b>	Puducherry and Karaikal