

	<p style="text-align: center;"><b>இந்திய அரசு</b>  இந்திய வானிலை ஆய்வு துறை  மண்டல வானிலை ஆய்வு மையம்  6, கல்லூரி சாலை  சென்னை - 600006  தொலைபேசி: 044- 28271951</p>		<p style="text-align: center;"><b>GOVERNMENT OF INDIA</b>  <b>INDIA METEOROLOGICAL DEPARTMENT</b>  <b>Regional Meteorological Centre</b>  <b>No. 6, College Road</b>  <b>Chennai-600006</b>  <b>Phone: 044- 28271951</b></p>
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Dated: April 15, 2025	Time of issue: 15:00 hrs IST
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**Sub: Maximum temperatures over Tamilnadu, Puducherry & Karaikal**

**1. Maximum temperatures observed during the past 24 hours:**

During the 24-hr ending 08:30 IST of today (**15.04.2025**), the maximum temperatures rose by 2-5°C at one or two places over Tamilnadu; however, there was *no large change* in the maximum temperature over most parts of Tamilnadu, Puducherry & Karaikal areas and were generally near *normal*. They were in the range **33-39°C** over the plains of North Interior Tamilnadu; around **37°C** over the plains of South Interior Tamilnadu; **34-36°C** over Coastal Tamilnadu, Puducherry & Karaikal area and **21-29°C** over hilly areas.

**Erode** recorded the highest maximum temperature of **38.6°C** over Tamilnadu.

**Chennai (MBK)** recorded **36.0°C (+0.4°C)** & **Chennai (NBK)** : **34.8°C (+0.3°C)**.

<b>MAXIMUM TEMPERATURE (24 HOURS CHANGE)</b>	
<b>Markedly rise</b> (+4.1°C or more)	Over Tirunelveli district.
<b>Appreciably rise</b> (+2.1°C to +4.0 °C)	Over Coimbatore and Dindigul districts.
<b>Appreciable fall</b> (-2.1°C to -4.0°C)	-----
<b>Markedly fall</b> (-4.1°C or less)	Over Thanjavur district.
<b>No large change</b> (-2.0°C to +2.0°C)	Over the rest of the subdivision.

<b>MAXIMUM TEMPERATURE (DEPARTURE FROM NORMAL)</b>	
<b>Markedly above normal</b> (+5.1°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 Ramanathapuram district.
<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°C or less)	-----
<b>Normal</b> (-1.5° C to 1.5° C)	Over the rest of the subdivision.

## 2. Temperature & Humidity Forecast and warning for next five days:

<p><b><u>Forecast</u></b>  <b><u>Day-1 to Day-5</u></b>  <b><u>(15.04.2025 to 19.04.2025)</u></b></p>	<p><b><u>Maximum Temperature:</u></b></p> <p>No large change in maximum temperature during <b>Day 1 (15.04.2025) &amp; Day 2 (16.04.2025)</b> and thereafter <b>gradual rise</b> in maximum temperature by <b>2-3°C</b> at <i>isolated</i> pockets during <b>Day 3 (17.04.2025) to Day 5 (19.04.2025)</b> over Tamilnadu.</p> <p>Maximum Temperature is likely to be <b>above normal</b> by <b>2-3°C</b> at isolated pockets during <b>Day 1 (15.04.2025) &amp; Day 2 (16.04.2025)</b> and at a few pockets during <b>Day 3 (17.04.2025) to Day 5 (19.04.2025)</b> over <b>Tamilnadu</b>. They are likely to be <b>35-40°C</b> over the north coastal districts, <b>36-40°C</b> over the plains of north interior districts, <b>35-37°C</b> over the south costal districts, <b>34-39°C</b> over the plains of the south interior districts &amp; <b>21-30°C</b> over the hilly areas of Tamilnadu; and 34-36°C over Puducherry &amp; Karaikal areas during this period.</p> <p><b><u>Relative Humidity:</u></b></p> <p>Humidity is likely to be about 30-50% in the afternoon hours and 50-75% 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>
<p><b>Action suggested to the public</b></p>	<p>As given in the attachment</p>

### Legend:

#### Description of Temperature:

Markedly above normal	Departure from normal: +5.1°C or more
Appreciably above normal	Departure from normal: +3.1° C to +5.0 ° C
Above Normal	Departure from normal: +1.6 °C to +3.0 °C
Normal	Departure from normal: -1.5° C to +1.5° C
Below Normal	Departure from normal: -1.6 °C to -3.0 °C
Appreciably below normal	Departure from normal: -3.1° C to -5.0 ° C
Markedly below normal	Departure from normal: -5.1°C or less



## Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 15/04/2025) and its departure from normal(°C)



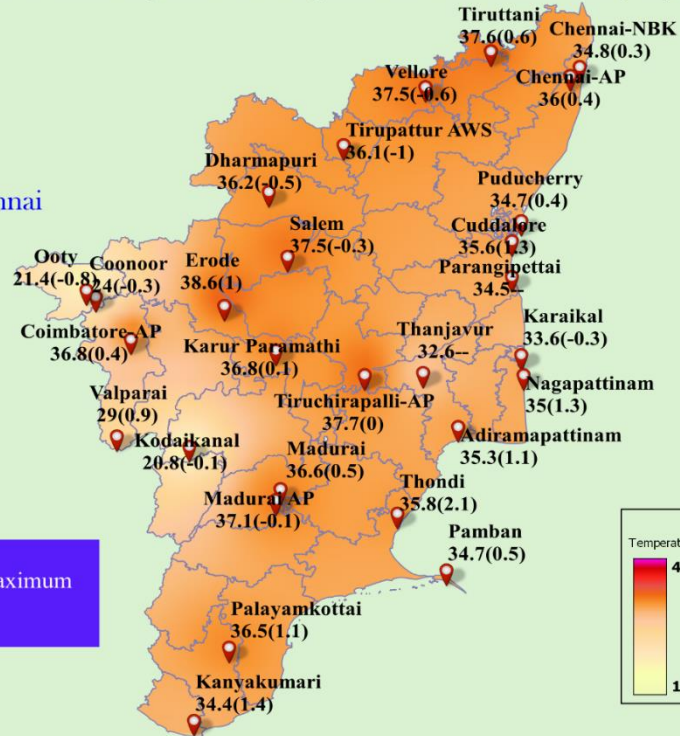
India Meteorological Department

Regional Meteorological Centre, Chennai

Date: 15/04/2025

The highest temperature recorded : 38.6°C  
Place : Erode

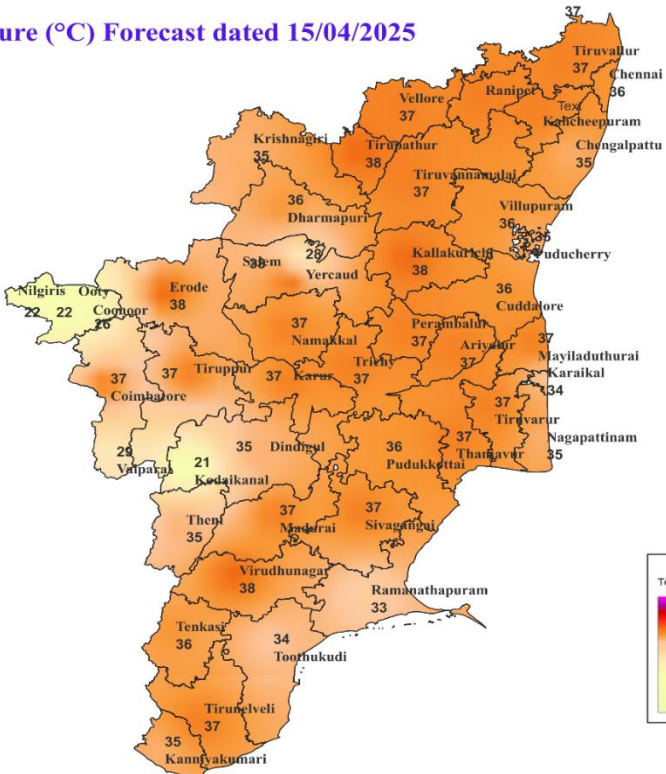
N.B. The departure from normal maximum temperature is given in brackets.



## Maximum Temperature (°C) Forecast dated 15/04/2025



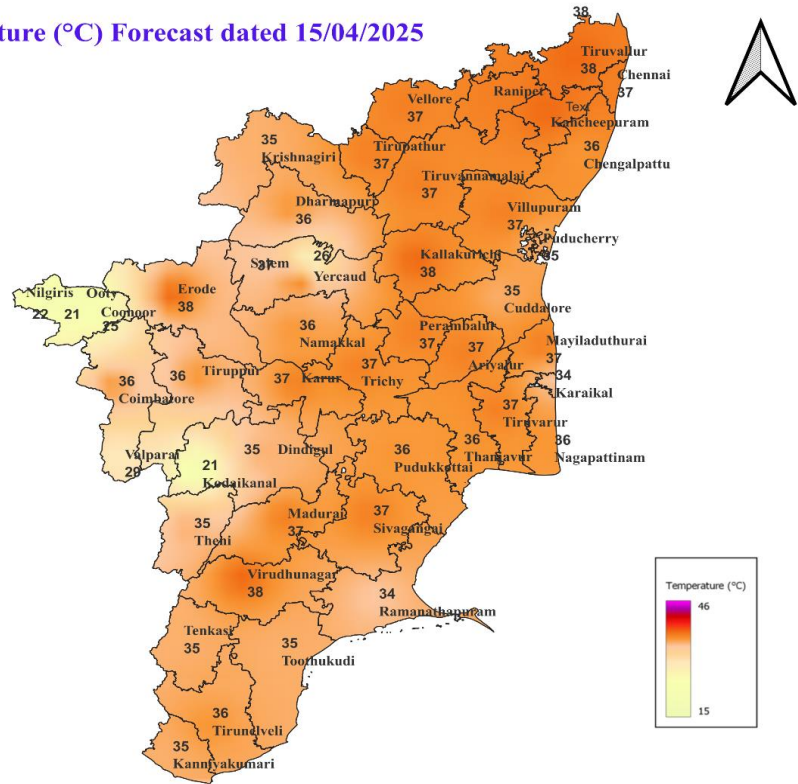
Day 1: 15/04/2025





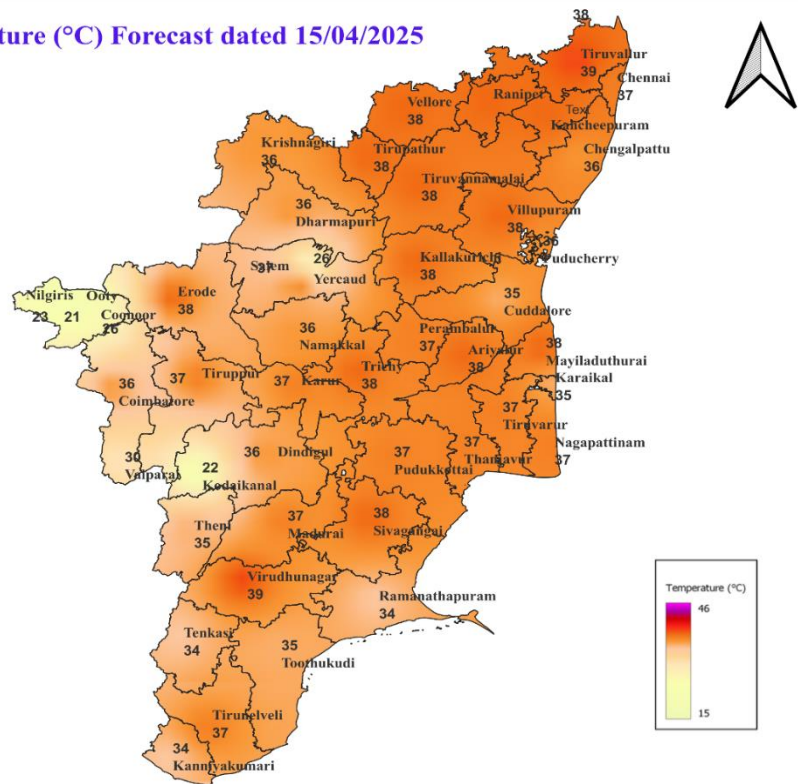
## Maximum Temperature (°C) Forecast dated 15/04/2025

Day 2: 16/04/2025

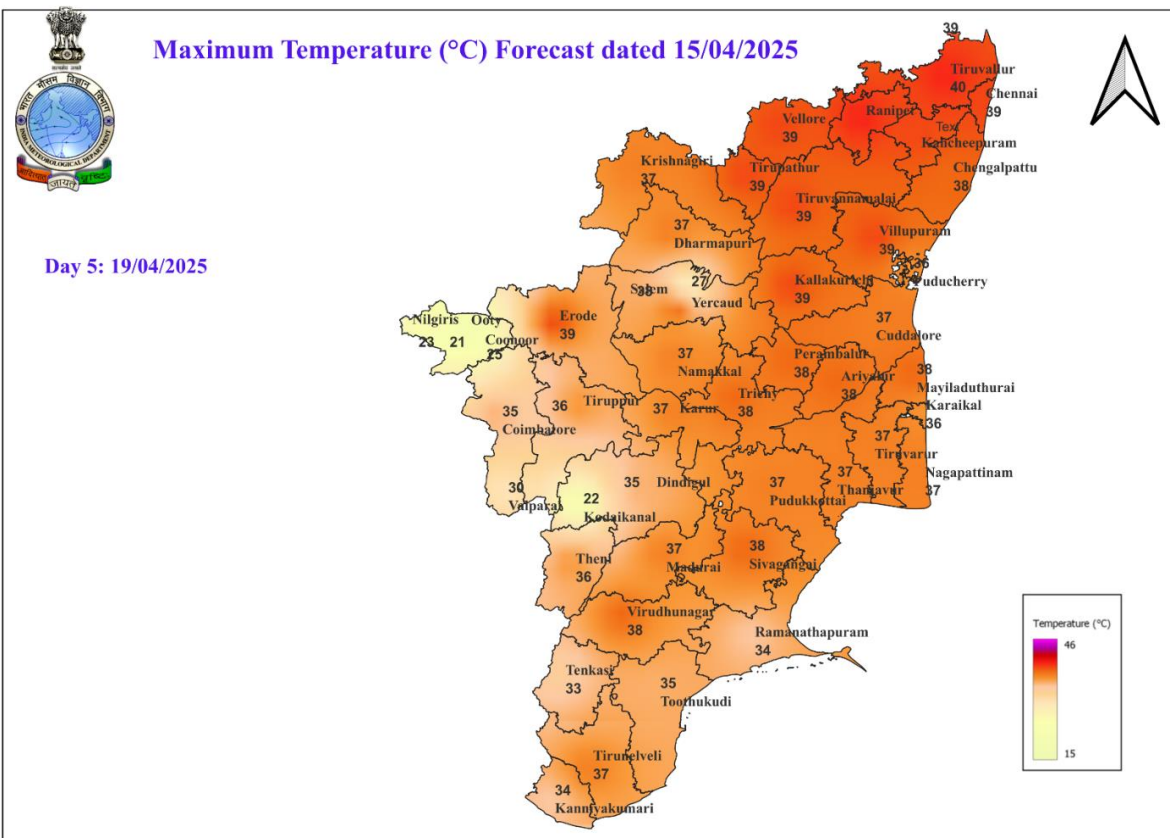
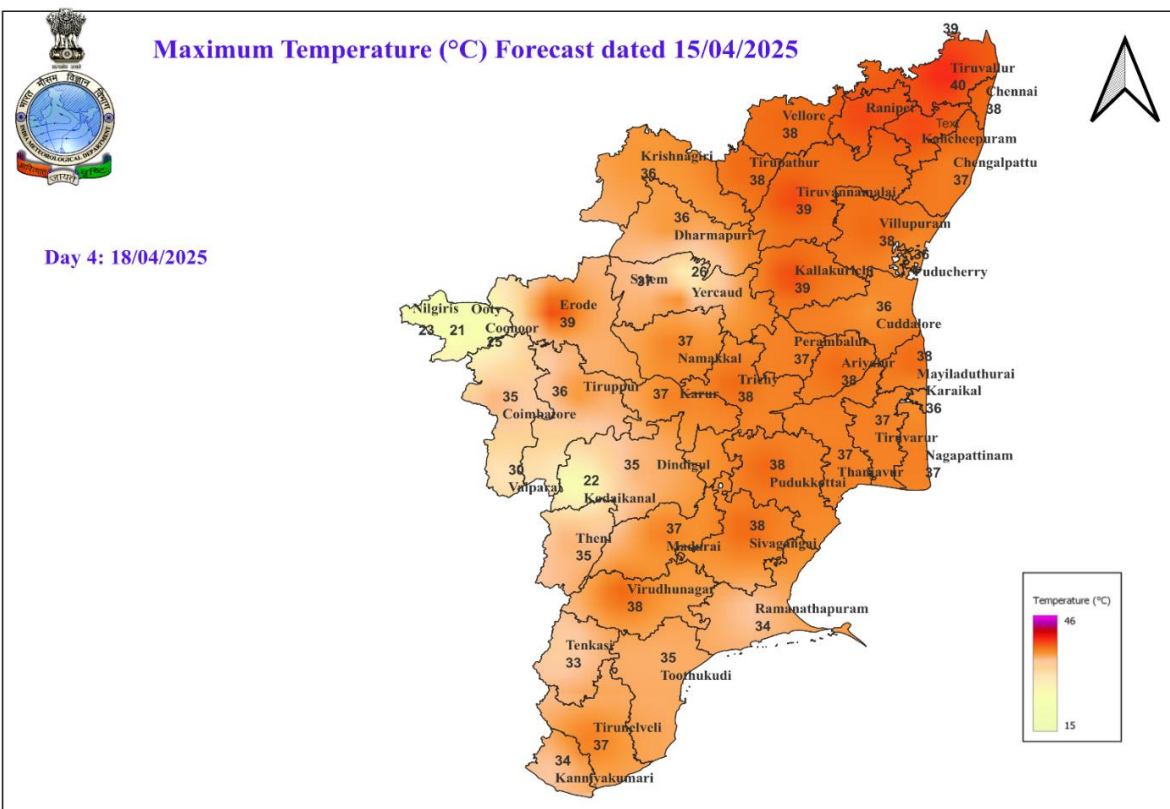


## Maximum Temperature (°C) Forecast dated 15/04/2025

Day 3: 17/04/2025







## **ADVISE FOR MINIMISING IMPACTS DUE TO HEAT STRESS**

(<https://ndma.gov.in/Natural-Hazards/Heat-Wave/Dos-Donts>)

- Avoid going out in the sun, especially between 12.00 noon and 3.00 p.m.
- Drink sufficient water and as often as possible, even if not thirsty
- Wear lightweight, light-coloured, loose and porous cotton clothes. Use protective goggles, umbrella/hat, shoes or chappals while going out in sun.
- Avoid strenuous activities when the outside temperature is high. Avoid working outside between 12 noon and 3 p.m.
- While travelling, carry water with you.
- If you work outside, use a hat or an umbrella and also use a damp cloth on your head, neck, face and limbs.
- Do not leave children or pets in parked vehicles.
- If you feel faint or ill, see a doctor immediately.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. which helps to re-hydrate the body.
- Keep animals in shade and give them plenty of water to drink.
- Keep your home cool, use curtains, shutters or sunshade and open windows at night.
- Use fans, damp clothing and take bath in cold water frequently.

## **TIPS FOR TREATMENT OF A PERSON AFFECTED BY A SUNSTROKE**

- Lay the person in a cool place, under a shade. Wipe her/him with a wet cloth/wash the body frequently. Pour normal temperature water on the head. The main thing is to bring down the body temperature.
- Give the person ORS to drink or lemon sarbat/torani or whatever is useful to rehydrate the body.
- Take the person immediately to the nearest health centre. The patient needs immediate hospitalisation, as heat strokes could be fatal.

## **ACCLIMATISATION**

People at risk are those who have come from a cooler climate to a hot climate. You may have such a person(s) visiting your family during the heat wave season. They should not move about in open field for a period of one week till the body is acclimatized to heat and should drink plenty of water. Acclimatization is achieved by gradual exposure to the hot environment during heat wave.