

	<p><b>இந்திய அரசு</b> இந்தியவானிலைஆய்வுத்துறை மண்டலவானிலைஆய்வுமையம் 6, கல்லூரிசாலை, சென்னை 600006 - <b>தொலைபேசி: 044- 28271951.</b></p>		<p><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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<b>Dated: 02-05-2024</b>	<b>Time of issue: 14:00 hrs IST</b>
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**To:**

The Commissioner of Revenue Administration, Govt of Tamilnadu  
The Special branch CID, O/o the DGP Campus, Mylapore  
The Commissioner of Chennai /IS- INSPECTOR CONTROLROOM /  
The Commissioner of Greater Chennai Corporation  
Thur([tnstateeoc1@gmail.com](mailto:tnstateeoc1@gmail.com),[tn.relief@gmail.com](mailto:tn.relief@gmail.com),[iscrcni@gmail.com](mailto:iscrcni@gmail.com),  
[sbcid.city@gmail.com](mailto:sbcid.city@gmail.com),[commissioner@chennaicorporation.gov.in](mailto:commissioner@chennaicorporation.gov.in),  
[tndgpcontrolroom@gmail.com](mailto:tndgpcontrolroom@gmail.com))  
The State Election Commissioner ([tnsec.tn@nic.in](mailto:tnsec.tn@nic.in))  
The Chief Electoral Officer ([ceo@tn.gov.in](mailto:ceo@tn.gov.in))  
The Chief Secretary, Puducherry  
The Commissioner-cum-Secretary(Revenue), Puducherry  
The Special Secretary to Government-cum- District Collector, Puducherry  
The District Collector, Karaikal  
([cs.pon@nic.in](mailto:cs.pon@nic.in), [secyfin.pon@nic.in](mailto:secyfin.pon@nic.in), [dcrev.pon@nic.in](mailto:dcrev.pon@nic.in), [collr.kkl@nic.in](mailto:collr.kkl@nic.in))  
Jt.CEO Puducherry" <[jtceo\\_pondicherry@eci.gov.in](mailto:jtceo_pondicherry@eci.gov.in)>

**Sub: Special message regarding maximum temperatures over Tamilnadu, Puducherry & Karaikal**

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

During the 24-hr ending 08:30 IST of today (02.05.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal 2 to 4°C** over most places in the plains of interior Tamilnadu and **markedly above normal** at isolated pockets in north interior Tamilnadu and **above normal to appreciably above normal** over the coastal areas of Tamilnadu, Puducherry & Karaikal. **Heat wave condition** prevailed at a few pockets in north interior Tamilnadu and highest maximum for the state of Tamilnadu was recorded as **44.0°C (+7.2°C) at Karur Paramathi.**

Highest maximum temperature recorded at **Karur Paramathi 44.0°C (+7.2°C)** followed by **Vellore: 43.7°C (+4.5°C)**, **Erode: 43.6°C(+5.5°C)**, **Tiruchirappalli\_AP: 43.1°C (+4.7°C)**, **Tiruthani: 42.5°C(+3.3°C)**,**Dharmapuri: 41.5°C (+4.6°C)**,**Salem: 41.5°C (+3.9°C)**,**Tirupattur: 41.4°C (+3.5°C)**, **Madurai\_AP:41.4°C(+3.7°C)**, **Madurai City: 41.4°C (+3.8°C)**,**Namakkal: 41.0°C**, **Thanjavur: 40.0°C** and **Cuddalore: 40.2°C(+4.3°C).**

Plains of **the rest of** Interior Tamilnadu recorded **39-40°C**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **36°C to 40°C** and the **hilly areas**, **25°C to 30°C** temperatures.

Chennai recorded normal maximum (MBK: 40.7°C, +3.6°C and NBK: 39.0°C, +2.9°C).

**Temperature & Humidity Forecast and warning for next five days:**

<b><u>Forecast</u></b> <b><u>Day-1 to Day-5</u></b> <b><u>(02.05.2024 to 06.05.2024)</u></b>	<b><u>Maximum Temperature:</u></b>  <p>There is no large change in Maximum temperature over <b>interior Tamilnadu</b> is likely <b>during the next three days (02.05.2024 to 04.05.2024)</b> and thereafter it is likely to fall gradually upto 2°C during next two days (05.05.2024 to 06.05.2024).</p> <p>Maximum temperature is likely to be generally 2-4°C above normal over the <b>interior Tamilnadu during the next five days (02.05.2024 to 06.05.2024)</b> and <b>appreciably above normal</b> by 3-5°C over many pockets in <b>north Tamilnadu during 02.05.2024 to 04.05.2024</b>.</p> <p>It is likely to be <b>41-44°C</b> at a few pockets over the plains of the <b>north interior districts</b>, <b>39-41°C</b> over the plains of the <b>rest Tamilnadu</b> and <b>37-40°C</b> over <b>coastal Tamilnadu, Puducherry and Karaikal area</b> during the next three days. (02.05.2024 to 04.05.2024).</p> <b><u>Relative Humidity:</u></b>  <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 (02.05.2024 to 06.05.2024).</p>
<b><u>Warning Day-1</u></b> <b><u>(02.05.2024)</u></b>	<b>Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu.</b> 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
<b><u>Warning Day-2 &amp; Day-3</u></b> <b><u>(03.05.2024-04.05.2024)</u></b>	<b>Heat wave conditions are likely to prevail at few pockets over North Interior Tamilnadu.</b> 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
<b><u>Warning Day-4 &amp; Day-5</u></b>	Due to humid air & high temperatures, hot & discomfort weather is very likely to prevail at isolated pockets over rest of Tamilnadu,

<u>(05.05.2024-06.05.2024)</u>	Puducherry and Karaikal area.
Action suggested to the public	As given in the attachment

**P.SENTHAMARAI KANNAN**  
**SCIENTIST-F**  
 for the Deputy Director General of Meteorology  
 Regional Meteorological Centre, Chennai



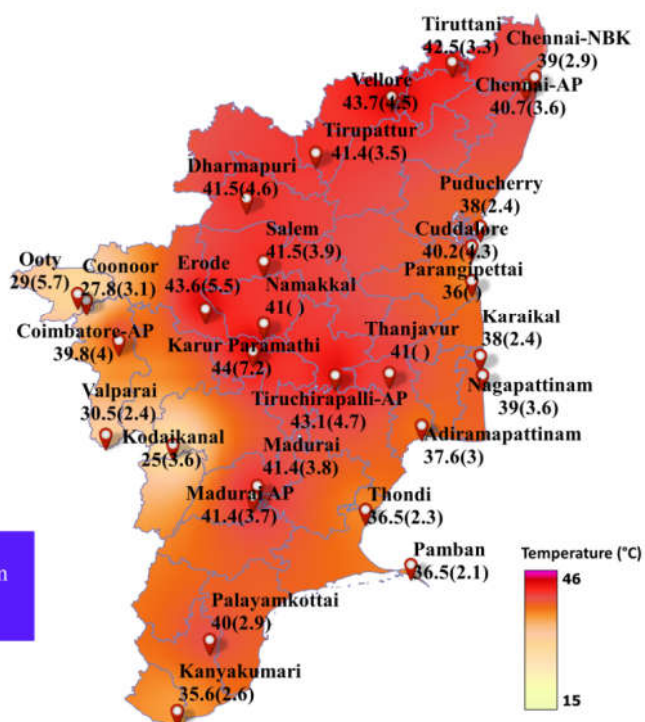
Realised Maximum Temperature ( $^{\circ}\text{C}$ ) in the past 24 Hrs  
(upto 0830 IST of 02/05/2024) and its departure from normal( $^{\circ}\text{C}$ )

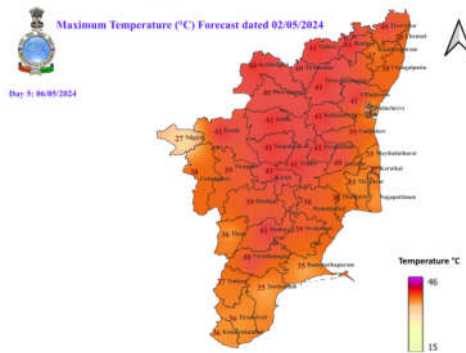
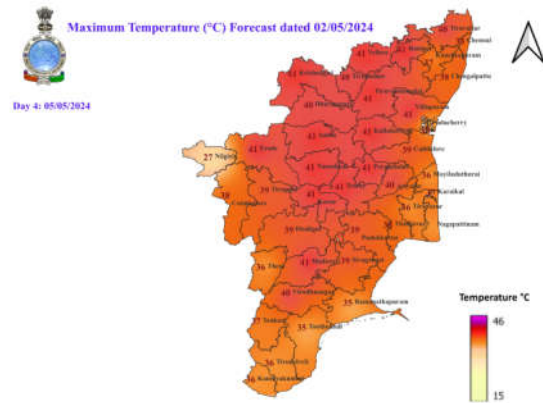
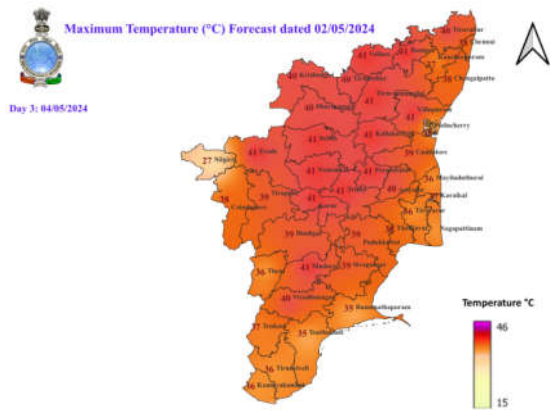
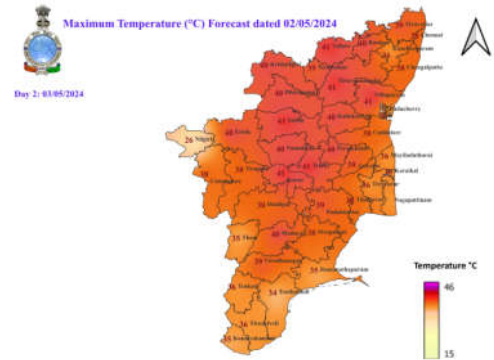
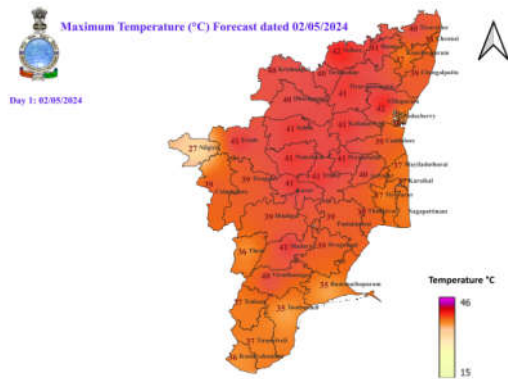


India Meteorological Department  
Regional Meteorological Centre, Chennai  
Date: 02/05/2024

The highest temperature recorded :  $44^{\circ}\text{C}$   
Place : Karur Paramathi

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





## **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.