

	<p>இந்தியஅரசு இந்தியவானிலைஆய்வுதுறை மண்டலவானிலைஆய்வுமையம் 6, கல்லூரிசாலை, சென்னை 600006 - தொலைபேசி: 044- 28271951.</p>		<p>GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951.</p>
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Dated: April 20, 2024	Time of issue: 13:00 hrs IST
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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(tnstateec1@gmail.com,tn.relief@gmail.com,iscrcni@gmail.com,
sbcid.city@gmail.com,commissioner@chennaicorporation.gov.in,
tndgpcontrolroom@gmail.com)
The State Election Commissioner (tnsec.tn@nic.in)
The Chief Electoral Officer (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, secyfin.pon@nic.in, dcrev.pon@nic.in, collr.kkl@nic.in)
Jt.CEO Puducherry" <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 (20.04.2024), the maximum temperatures over Tamilnadu rose slightly and were generally **above normal to appreciably above normal** by 3-4°C over many 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 **Erode: 43.0°C (+5.2°C)** followed by **Vellore: 41.9°C (+3.4°C)**, **Karur Paramathi: 41.5°C (+4.2°C)**, **Tiruchi: 41.3°C (+3.3°C)**, **Salem:**

41.2°C (+3.4°C), Tiruttani: 41.2°C (+3.9°C), Dharmapuri: 41.0°C (+4.1°C), Madurai city: 41.0°C (+4.5°C) & Tirupattur: 40.4°C (+3.2°C).

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

The coastal areas of Tamilnadu, Puducherry & Karaikal recorded 35°C to 39°C and the hilly areas, 24°C to 30°C (generally, above normal maximum temperatures).

Chennai recorded normal to above normal maximum temperatures (MBK:38.1°C, +2.1°C and NBK:35.8°C, +1.0°C).

Temperature & Humidity Forecast and warning for next five days:

<u>Forecast</u> <u>Day-1 to Day-5</u> <u>(20.04.2024 to</u> <u>24.04.2024)</u>	<u>Maximum Temperature:</u> <u>20.04.2024:</u> Maximum temperature is likely to be 3-5°C above normal at a few pockets over interior Tamilnadu during the next 24 hours (20.04.2024). It is likely to be 39-42°C at a few pockets over the plains of the north interior districts, 34-39°C over the plains of rest of Tamilnadu, Puducherry & Karaikal on 20.04.2024. <u>21.04.2024- 24.04.2024:</u> Maximum temperature is likely to fall slightly on 21.04.2024 and likely to be 2-3°C above normal at isolated places during the subsequent three days. <u>Relative Humidity (20.04.2024 & 24.04.2024):</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.
<u>Warning Day-1 to</u> <u>Day-5</u> <u>(20.04.2024-</u> <u>24.04.2024)</u>	Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over Tamilnadu during the next five days. HEAT WAVE WARNING: Heat wave is likely at isolated pockets over North Interior Tamilnadu during the next 24 hours (20.04.2024).
<u>Action suggested to</u> <u>the public</u>	As given in the attachment

P.SENTHAMARAI KANNAN

SCIENTIST-F

for the Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai



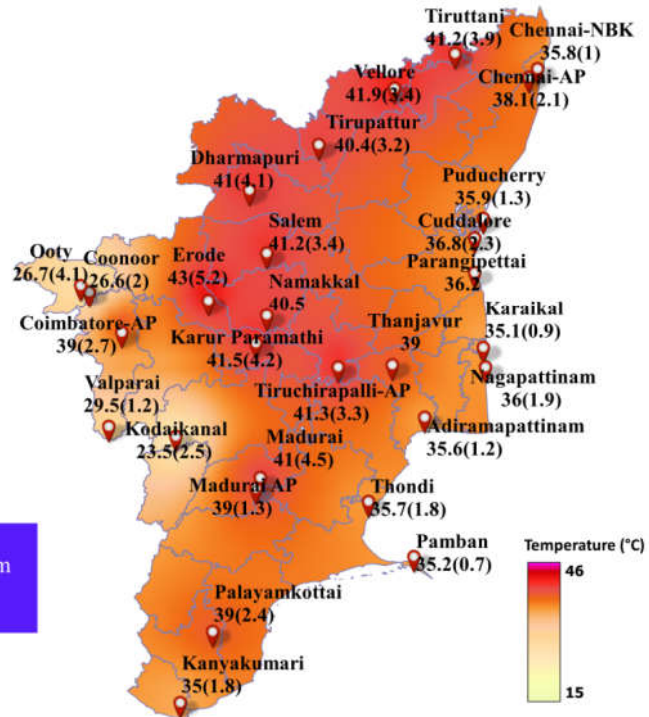
Realised Maximum Temperature ($^{\circ}\text{C}$) in the past 24 Hrs
(upto 0830 IST of 20/04/2024) and its departure from normal($^{\circ}\text{C}$)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 20/04/2024

The highest temperature recorded : 43°C
Place : Erode

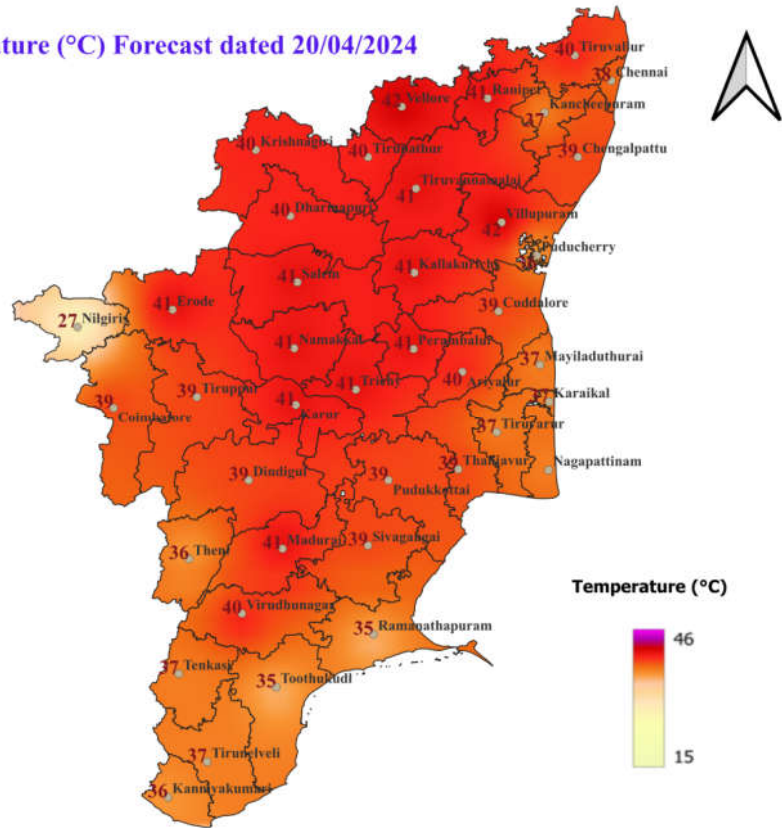
N.B. The departure from normal maximum temperature is given in brackets.





Day 1: 20/04/2024

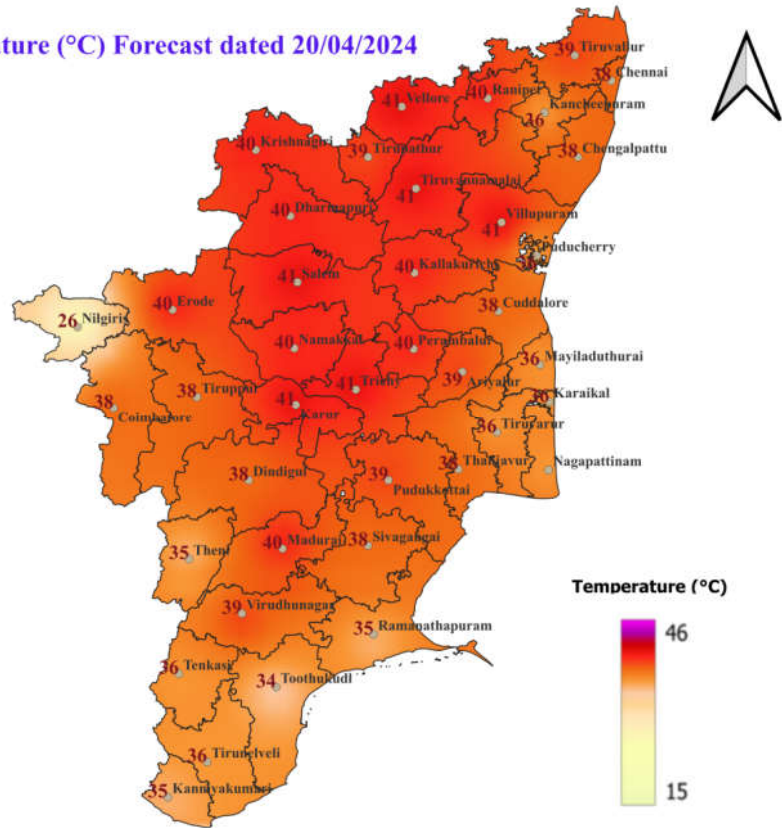
Maximum Temperature (°C) Forecast dated 20/04/2024





Day 2: 21/04/2024

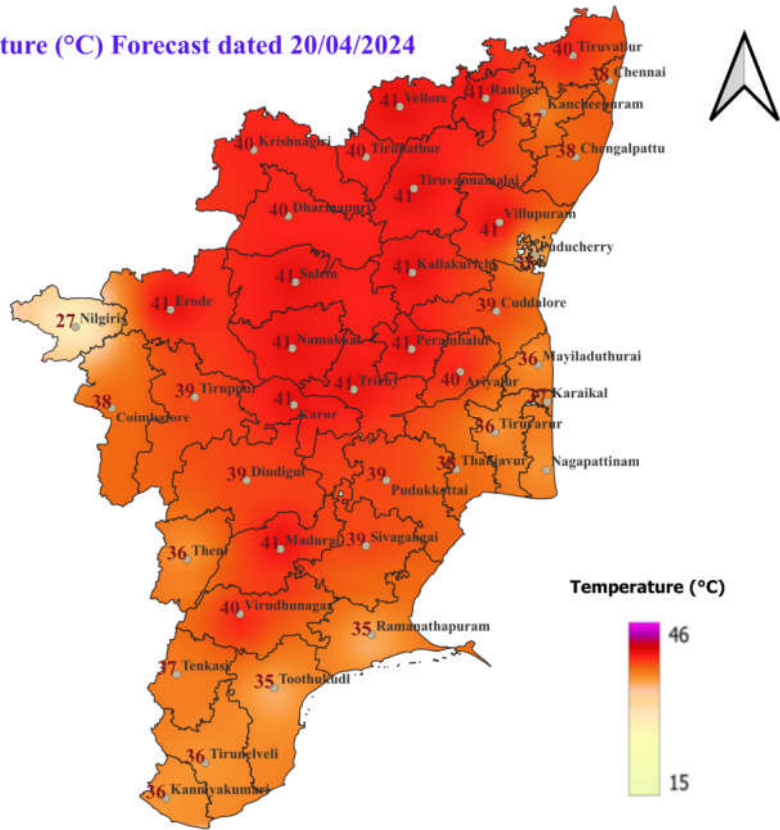
Maximum Temperature (°C) Forecast dated 20/04/2024





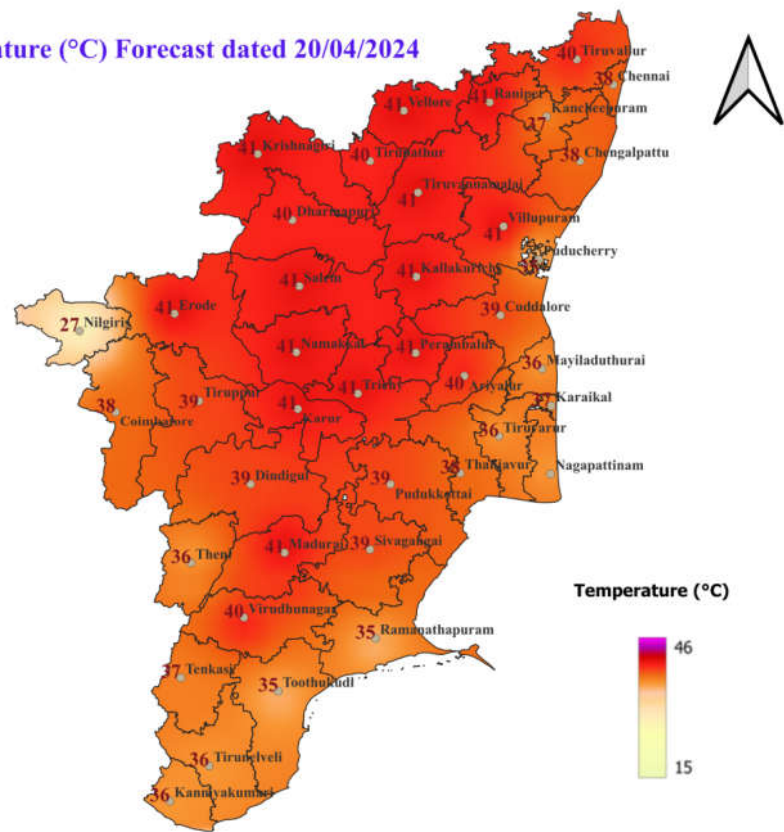
Day 3: 22/04/2024

Maximum Temperature (°C) Forecast dated 20/04/2024





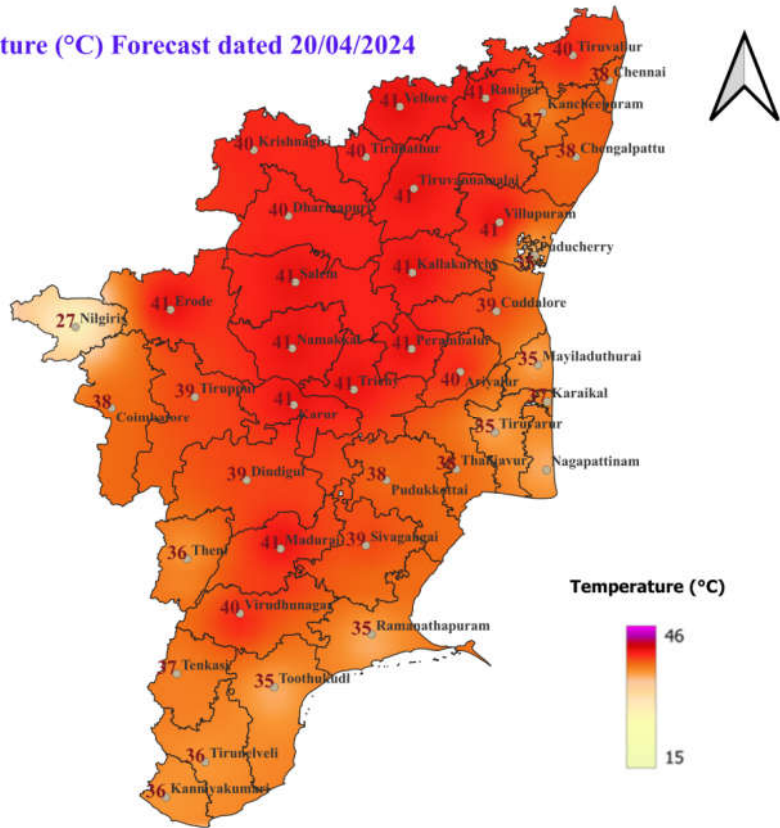
Maximum Temperature (°C) Forecast dated 20/04/2024





Maximum Temperature (°C) Forecast dated 20/04/2024

Day 5: 24/04/2024



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.