

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை, சென்னை 600006
தொலைபேசி: 044- 28271951



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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Phone: 044- 28271951

Dated: April 09, 2024

Time of issue: 12:00 Hrs IST

From: REGIONAL METEOROLOGICAL CENTRE, CHENNAI

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,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, secvfin.pon@nic.in, dcrev.pon@nic.in, collr.kkl@nic.in)

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

Maximum temperatures observed during the past 24 hours:

Maximum temperatures during the 24-hr ending 08:30 IST of today (09.04.2024) were generally **above normal by 2-5°C** over most pockets in the plains of interior Tamilnadu. They were **appreciably above normal** at a few pockets over the interior Tamilnadu (Salem, Erode, Tirupattur, Madurai city, Karur Paramathi, Dharmapuri, Thiruchirapalli, Tiruttani & Palayamkottai districts).

Heat wave conditions prevailed over Karur Paramathi, Dharmapuri & Madurai (city) areas of Interior Tamilnadu.

Eight stations in interior Tamilnadu recorded 40°C-42°C.

Highest maximum temperature was recorded at Salem: 41.7°C (+4.1°C) followed by Erode: 41.6°C (+4.2°C) Tirupattur: 41.4°C (+4.2°C), Madurai city: 41.2°C (+4.9°C), Karur Paramathi: 41.0°C (+4.5°C), Dharmapuri: 40.7°C (+4.5°C), Thiruchirapalli: 40.7°C (+3.3°C) & Namakkal: 40.0°C.

Madurai airport, Tiruttani, Vellore & Thanjavur recorded 39°C to 40°C.

The coastal areas of Tamilnadu recorded 34°C to 37°C (1-3°C above normal), Puducherry: 35.6°C, Karaikal: 34.6°C and the hilly areas, 23°C to 30°C (appreciably above normal maximum temperatures at a few pockets).

Chennai(MBK) recorded above normal maximum temperature of 37.5°C (+2.2°C) and NBK recorded normal temperature of 35.3°C (+1.0°C).

Temperature & Humidity Forecast and warning for next five days:

<u>Forecast</u> <u>Day-1-Day-5</u> <u>(09.04.2024 to 13.04.2024)</u>	<u>Maximum Temperature:</u> Gradual fall by 2-3°C is likely at a few places during the next five days. <u>09.04.2024:</u> Maximum temperature is likely to be 2-4°C above normal at many pockets over the plains of north interior Tamilnadu and 2-3°C above normal at a few pockets over the rest of Tamilnadu, Puducherry & Karaikal. It is likely to be 38°C to 41°C at many pockets over the plains of the interior districts; and 34°C to 38°C over most pockets in the coastal areas of Tamilnadu, Puducherry & Karaikal. <u>10.04.2024-11.04.2024:</u> Maximum temperature over Tamilnadu is likely to be generally 2-3°C above normal. <u>Relative Humidity (09.04.2024-11.04.2024) :</u> Humidity is likely to be about 30-50% in the afternoon hours and 40-70% during the rest of the day over the plains of interior districts; and 50-80% over the coastal areas during the next three days.
<u>Warning (09.04.2024 to 11.04.2024)</u>	Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over Tamilnadu during the next three days.
<u>Action suggested to the public</u>	As given below

P.SENTHAMARAI KANNAN

Scientist-F

**For the Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai**



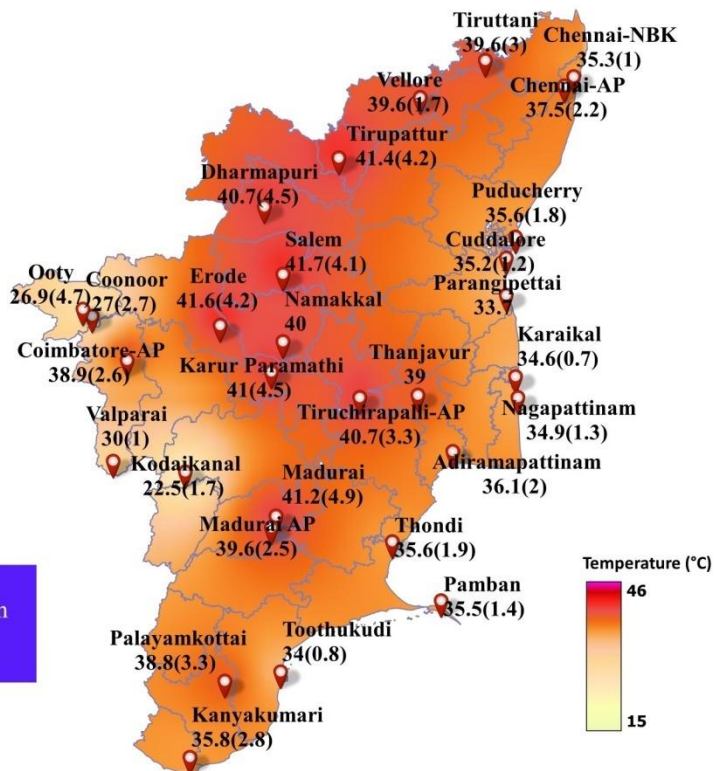
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 09/04/2024) and its departure from normal(°C)



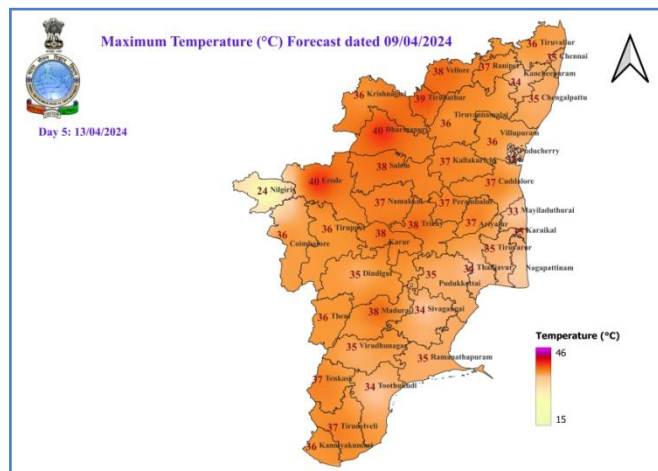
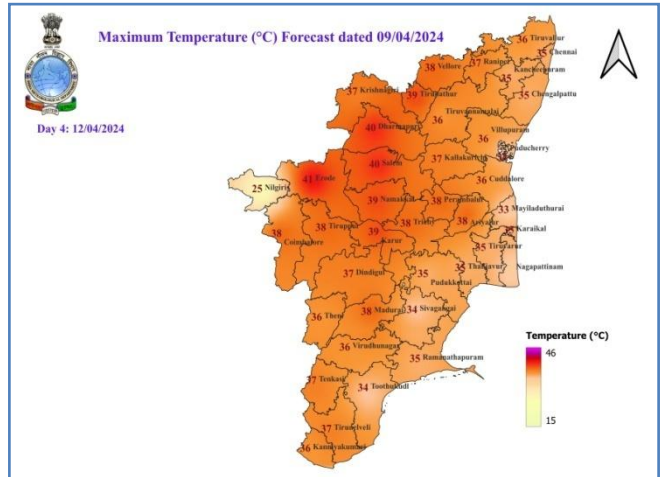
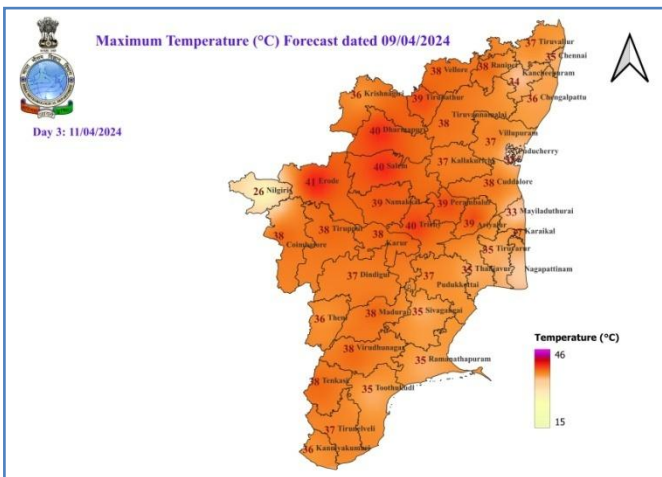
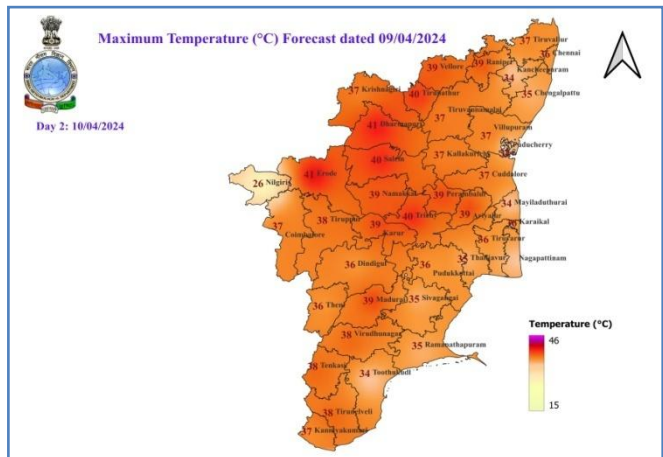
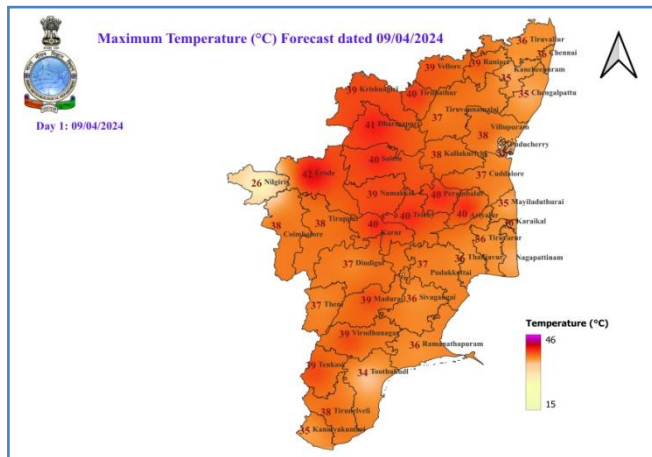
India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 09/04/2024

The highest temperature recorded : 41.7°C
Place : Salem

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



Maximum Temperature forecast for next five days



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.