



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: 5 April 2024

Time of Issue: 1300 Hrs IST

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 and Western Ghats districts. Dry weather prevailed over rest Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Chittar-I (dist Kanniyakumari) 4, Sivalogam (Chittar-II), Thirparappu (dist Kanniyakumari) 3 each, Suralacode (dist Kanniyakumari), Pechiparai (dist Kanniyakumari) 2 each, Perunchani Dam (dist Kanniyakumari), Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Sholayar (dist Coimbatore), Puthan Dam (dist Kanniyakumari), Thuckalay (dist Kanniyakumari) 1 each.

DESCRIPTION OF TEMPERATURE:

Maximum temperatures during the 24-hr ending 08:30 IST of today (05.04.2024) were generally above normal by 2-3°C over many pockets over Tamilnadu & over Puducherry area and were normal over the Karaikal area. They were appreciably above normal (about +3°C to +3.5°C) at isolated pockets over the plains of north interior districts of Tamilnadu.

They were in the range 39°C to 41°C over many pockets & 38°C to 39°C over a few pockets in the plains of the interior districts, 33°C to 37°C in the coastal areas and 23°C to 29°C in the hilly areas.

Erode recorded the highest maximum temperature of 41.4°C (3.3°C above normal) followed by **Salem: 40.6°C (2.8°C above normal)**, **Karur Paramathi: 40.5°C (3.4°C above normal)**.

Tirupattur & Dharmapuri recorded 40.2°C(+3.2°C) & 40.0°C(+3.2°C) respectively.

Madurai city, Thiruchirapalli, Namakkal, Vellore & Tiruttani recorded 39°C to 40°C.

Coimbatore, Madurai airport, Palayamkottai, Thanjavur & Chennai (MBK) recorded maximum temperatures in the range 38°C to 39°C.

Chennai NBK recorded 35.6°C & **MBK: 38.1°C (2.8°C above normal)**.

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	-----

Appreciable fall (-2.1 ° C to -4.0° C)	Over Nilgiris district.
Markedly fall (-4.1° C or less)	-----
No large change (-2.1° C to 2.0° C)	Over the rest of the subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	Over Dharmapuri, Erode, Karur, Thirupattur and Tiruvallur districts.
Above normal (1.6° C to 3.0° C)	Over Thanjavur, Chennai, Coimbatore, Nilgiris, Cuddalore, Kanyakumari, Dindigul, Nagapattinam, Tirunelveli, Puducherry, Salem, Trichy, Ramanathapuram & Vellore districts and Puducherry.
Below normal (-1.6 ° to -3.0 ° C)	-----
Appreciably below normal (-3.1 to -5.0°C)	-----
Markedly below normal (-5.1 or less)	-----
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Namakkal recorded the lowest minimum temperature of **21.0°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° c or more)	-----
Appreciable rise (2.1 ° C to 4.0°)	-----
Appreciable fall (-2.1° C to -4.0°)	Over Nagapattinam district.
Markedly fall (-4.1° C or less)	-----
No large change (-2.0° C to 2.0° C)	Over the rest of the subdivision.

MINIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.0 ° C or more)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Coimbatore, Tirunelveli, Ramanathapuram, Salem, Trichy, Thoothukudi and Nilgiris districts.
Below normal (-1.6 ° to -3.0 ° C)	-----
Appreciably below normal (- 3.1° C to -5.0°C)	-----
Markedly below normal (- 5.0° C or less)	-----
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's trough/wind discontinuity from south Tamil Nadu to southeast Madhya Pradesh across interior Karnataka & Vidarbha now runs from East Vidarbha to Comorin area across interior Karnataka and interior Tamil Nadu at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (05.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area.
Day 2 (06.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area.
Day 3 (07.04.2024)	Light to Moderate rain is likely to occur at one or two places over Coastal Tamilnadu, Puducherry and Karaikal area. Dry weather is very likely to prevail over rest Tamilnadu.
Day 4 (08.04.2024)	Light to Moderate rain is likely to occur at one or two places over Coastal Tamilnadu, adjoining districts, Puducherry and Karaikal area. Dry weather is very likely to prevail over rest Tamilnadu.
Day 5 (09.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 6 (10.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area.
Day 7 (11.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area.

TEMPERATURE FORECAST

Day 1 (05.04.2024) to Day 4 (08.04.2024)	<p><u>Maximum Temperature:</u> Maximum temperature is likely to be 2-3°C above normal at a few pockets over Tamilnadu & Puducherry. It is likely to be 39°C to 41°C at a few pockets over the north interior districts; 37°C to 39°C at many pockets in the plains of the interior areas and 34°C to 37°C in the coastal areas of Tamilnadu, Puducherry & Karaikal.</p> <p><u>Relative Humidity:</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.</p>
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TEMPERATURE WARNING

Day 1 (05.04.2024) to Day 4 (08.04.2024)	Due to hot and humid conditions, discomfort weather is likely at isolated pockets over Tamilnadu during the next four days.
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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 37-38°C and Minimum temperature is likely to be 27-28°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 37-38°C and Minimum temperature is likely to be 27-28°C .

For Director
Area Cyclone Warning Centre
Regional Meteorological Centre, Chennai

Legends:

Day: 08:30 IST to 08:30 IST of next day

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