



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: 28 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. Dry weather prevailed over North Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Nil

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (28.04.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal 3 to 4°C** over a many pockets in the plains of interior Tamilnadu. They were **normal to above normal (1-3°C)** over the coastal areas of Tamilnadu and near normal over Puducherry & Karaikal area.

Eight stations recorded maximum temperature above 40°C.

Highest maximum temperature recorded at **Erode 42.4°C (+4.0°C)**.

Salem: 41.9°C (+4.2°C), Tirupattur: 41.8°C (+4.0°C), Dharmapuri: 41.0°C (+3.9°C), Karur

Paramathi: 40.5 °C (+3.4°C), Tiruttani: 40.2°C (+1.3°C), Vellore: 40.1°C (+1.3°C) and Namakkal: 40.0°C.

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

The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **35°C to 38°C** and the **hilly areas**, **23°C to 30°C** temperatures.

Chennai recorded normal maximum (MBK: 36.7°C, +0.0°C and NBK: 35.2°C, -0.4°C).

Maximum temperatures observed during the past 24 hours:

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)	-----
Markedly fall (-4.1° C or less)	-----
No large change (-2.1° C to 2.0° C)	Over the entire subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	-----
Appreciably above Normal (3.1- 5.0 °C)	Over Dharmapuri, Erode, Kanyakumari, Karur, Salem, Thirupattur, Ramanathapuram (Tondi) and Nilgiris (Ooty) districts.
Above normal (1.6° C to 3.0° C)	Over Coimbatore, Nilgiris (Coonoor), Dindigul and Ramanathapuram (Pamban) districts.
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 rest of the subdivision.

Erode recorded the lowest minimum temperature of **21.2°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°)	Over Ramanathapuram district.
Appreciable fall (-2.1° C to -4.0°)	-----
Markedly fall (-4.1° C or less)	-----
No large change (-2.0° C to 2.0° C)	Over the entire 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 Kanyakumari, Tirunelveli and Thirupattur districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Dharmapuri, Erode and Vellore districts.
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 rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's trough/wind discontinuity from Marathwada to north Tamil Nadu now runs from eastern parts of Vidarbha to north Kerala across Madhya Maharashtra, interior Karnataka and extends upto 1.5 km above mean sea level.

A cyclonic circulation lies over Gulf of Mannar & neighbourhood at 0.9 km above mean sea level. Yesterday's cyclonic circulation over Comorin area & neighbourhood at 0.9 km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (28.04.2024)	Light rain is likely to occur at one or two places over Kanyakumari district. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 2 (29.04.2024)	Light rain is likely to occur at one or two places over Kanyakumari district. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and

	Karaikal area.
Day 3 (30.04.2024)	Light rain is likely to occur at one or two places over Kanyakumari district. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 4 (01.05.2024)	Light rain is likely to occur at one or two places over Kanyakumari district. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 5 (02.05.2024)	Light rain is likely to occur at one or two places over Western Ghats districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 6 (03.05.2024)	Light rain is likely to occur at one or two places over Western Ghats districts and North Interior districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
Day 7 (04.05.2024)	Light rain is likely to occur at one or two places over Western Ghats districts and North Interior districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (28.04.2024) to Day 5 (02.05.2024)	<u>Maximum Temperature:</u>
	Maximum temperature is likely to raise gradually upto 2 to 3°C over interior Tamilnadu during the next five days (28.04.2024 to 02.05.2024).
	Maximum temperature is likely to be 3-5°C above normal at a few pockets over the North Interior Tamilnadu and 2-3°C above normal at a few pockets over rest Tamilnadu during the next four days (28.04.2024 to 01.05.2024).
	It is likely to be 39-43°C at a few pockets over the plains of the North Interior districts, 35-39°C at a few pockets over the rest Tamilnadu, Puducherry and Karaikal area during the next four days. (28.04.2024 to 01.05.2024).
	<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 50-80% over the coastal areas during the next four days (28.04.2024 to 01.05.2024).

HEAT WAVE WARNING

Day 1 (28.04.2024) to Day 3 (30.04.2024)	Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu.
Day 4 (01.05.2024)	Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu.

TEMPERATURE WARNING

Day 1 (28.04.2024) to Day 4 (01.05.2024)	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
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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 36-37°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 36-37°C and Minimum temperature is likely to be 27-28°C.
<p style="text-align: right;">For Director Area Cyclone Warning Centre Regional Meteorological Centre, Chenn</p>	
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	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar

districts	
PDC	Puducherry and Karaikal