



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
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951.

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Time of Issue: 1240 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 Tamilnadu. Very light rainfall occurred over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Kollidam (dist Mayiladuthurai) 7, SRC Kudithangi (dist Cuddalore), Sathiar (dist Madurai) 5 each, Azhiyar (dist Coimbatore) 4, Sivalogam (dist Kanniyakumari), Glenmorgan (dist The Nilgiris), Perunchani Dam (dist Kanniyakumari), Peraiyur (dist Madurai), Valparai PTO (dist Coimbatore), Annamalai Nagar (dist Cuddalore), Vanamadevi (dist Cuddalore), Upper Gudalur (dist The Nilgiris), Puthan Dam (dist Kanniyakumari), Naduvattam (dist The Nilgiris), Tozhudur (dist Cuddalore), Upasi_Tea_Research_Foundation AWS (dist Coimbatore) 3 each, Veerapandi (dist Theni), Went Worth Estate (dist The Nilgiris), Harisan Malayalam Ltd. (dist The Nilgiris), Periyanackenpalayam (dist Coimbatore), Chittar-I (dist Kanniyakumari), Gudalur Bazar (dist The Nilgiris), Periyakulam (dist Theni), Mettupatti (dist Madurai), Shanmuganadhi (dist Theni), Tiruvaiyaru (dist Thanjavur), Bhuvanagiri (dist Cuddalore) 2 each, Wood Braiyar Estate (dist The Nilgiris), Jayamkondam (Ariyalur), Uthagamandalam (dist The Nilgiris), Panruti (dist Cuddalore), Madurai city (dist Madurai), Madurai North (dist Madurai), Mettupalayam (dist Coimbatore), Manamelkudi (dist Pudukkottai), Jamunamarathur (dist Tiruvannamalai), Kalial (dist Kanniyakumari), Vaigai Dam (dist Theni), Pechiparai (dist Kanniyakumari), Moolaikaraipatti (dist Tirunelveli), Devala (dist The Nilgiris), Chidambaram AWS (dist Cuddalore), Sethiathope (dist Cuddalore), Cincona (dist Coimbatore), Taluk Office Pandalur (dist The Nilgiris), Thali (dist Krishnagiri), Sivakasi (dist Virudhunagar), Valparai PAP (dist Coimbatore), Suralacode (dist Kanniyakumari), Tallakulam (dist Madurai), Valparai Taluk Office (dist Coimbatore), Kilacheruvai (dist Cuddalore), Tiruvarur AWS (dist Tiruvarur) 1 each.

DESCRIPTION OF TEMPERATURE:

Maximum temperatures observed during the past 24 hours:

During the 24-hr ending 08:30 IST of today (09.05.2024), the maximum temperatures over Tamilnadu were generally **normal to above normal** over many places and **appreciably above normal** at isolated pockets in the plains of interior Tamilnadu and **normal** over the coastal areas of Tamilnadu, Puducherry & Karaikal.

Highest maximum temperature recorded at **Karur Paramathi** **41.2°C (+4.9°C)** followed by **Erode: 41.0°C(+3.5°C)** and **Madurai_AP: 40.7°C(+3.1°C)**.

Plains of the **rest of Interior Tamilnadu** recorded 37-39°C. The coastal areas of Tamilnadu, Puducherry & Karaikal recorded **32°C to 37°C** and the **hilly areas, 22°C to 30°C** temperatures. Chennai recorded normal maximum (**MBK:37.1°C, -0.5°C and NBK: 35.4°C, -1.0°C**).

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, Tirunelveli, Thanjavur, Trichy, Tiruvallur, Vellore districts and Karaikal area.
Markedly fall (-4.1° C or less)	Over Cuddalore district.
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 Coimbatore, Erode, Kanyakumari, Karur and Madurai districts.
Above normal (1.6° C to 3.0° C)	Over Thanjavur, Tirunelveli, Ramanathapuram, Thoothukudi and Nilgiris districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Tiruvallur, Vellore districts and Karaikal area.
Appreciably below normal (-3.1 to -5.0°C)	Over Cuddalore district.
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 **22.5°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° c or more)	Over Cuddalore district.
Appreciable rise (2.1 ° C to 4.0°)	Over Chennai, Dharmapuri, Thirupattur and Vellore districts.
Appreciable fall (-2.1° C to -4.0°)	Over Madurai, Tirunelveli and Ramanathapuram districts.
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 Coimbatore, Kanyakumari, 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 from northeast Rajasthan to South Interior Karnataka now runs from the cyclonic circulation over Madhya Maharashtra to South Interior Karnataka across North Interior Karnataka and extending upto 1.5 km above mean sea level.

Yesterday's cyclonic circulation over Tamil Nadu extending upto 1.5 km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (09.05.2024)	Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Dharmapuri, Krishnagiri, Tirupattur, Hill areas of Tirunelveli, Theni and Thenkasi districts of Tamilnadu.
Day 2 (10.05.2024)	Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 3 (11.05.2024)	Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 4 (12.05.2024)	Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Hill areas of Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts of Tamilnadu.
Day 5 (13.05.2024)	Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
Day 6 (14.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (15.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (09.05.2024) to Day 5 (13.05.2024)	Maximum Temperature: 09.05.2024- 13.05.2024: Maximum temperature is likely to be generally near normal over many places and 2-3°C above normal at few pockets over the interior Tamilnadu during the next five days (09.05.2024 to 13.05.2024). It is likely to be 40-41°C at isolated pockets over the plains of the Interior
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	<p>districts, 37-39°C over the plains of the rest Tamilnadu and 33-37°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (09.05.2024 to 13.05.2024).</p> <p><u>Relative Humidity (09.05.2024 - 13.05.2024):</u> Humidity is likely to be about 45-55% in the afternoon hours and 60-85% during the rest of the day over the plains of interior districts; and 55-85% over the coastal areas during the next five days (09.05.2024 to 13.05.2024).</p>
HEAVY RAINFALL WARNING	
Day 1 (09.05.2024)	Heavy rain is likely to occur at isolated places over Dharmapuri, Krishnagiri, Tirupattur, Theni, Thenkasi, Hill areas of Tirunelveli districts of Tamilnadu.
Day 4 (12.05.2024)	Heavy rain is likely to occur at isolated places over Hill areas of Coimbatore; Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts of Tamilnadu.
THUNDERSTORM WARNING	
Day 1 (09.05.2024) to Day 5 (13.05.2024)	Thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
TEMPERATURE WARNING	
Day 1 (09.05.2024) & Day 2 (10.05.2024)	Due to humid air & high temperatures, hot & discomfort weather is very likely to prevail at isolated pockets over Interior Tamilnadu, Puducherry and Karaikal area.
LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD	
For next 24 hours	Sky condition is likely to be partly cloudy. Light/Moderate rain is likely to occur in some areas. Maximum temperature is likely to be 35-36°C and Minimum temperature is likely to be 28-29°C .
For next 48 hours	Sky condition is likely to be partly cloudy. Light/Moderate rain is likely to occur in some areas. Maximum temperature is likely to be 35-36°C and Minimum temperature is likely to be 28-29°C .

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