



India Meteorological
Department

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
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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 Tamilnadu. Dry Weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Sothuparai (dist Theni) 13, Periyakulam (dist Theni) , Peraiyur (dist Madurai) 9 each, Watrap (dist Virudhunagar) 8, Manjalar (dist Theni), Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore), Perunchani Dam (dist Kanniyakumari) 6 each, Puthan Dam (dist Kanniyakumari), Periyar (dist Theni), Srivilliputhur (dist Virudhunagar), Kodivery (dist Erode), Kil Kotagiri Estate (dist The Nilgiris), Anaimalai Taluk Office (dist Coimbatore), Elumalai (dist Madurai), Pilavakkal_Periyar Dam (dist Virudhunagar), Adayamadai (dist Kanniyakumari) 5 each, Vattamalai Resorvoir (dist Tiruppur), Suralacode (dist Kanniyakumari), Kavundapadi (dist Erode), Rajapalayam (dist Virudhunagar) 4 each, Valparai PTO (dist Coimbatore), Nambiyur (dist Erode), Kodaikanal (dist Dindigul), Mukkadal Dam (dist Kanniyakumari), Bhavani (dist Erode), Cincona (dist Coimbatore), Kothagiri (dist The Nilgiris), Kodaikanal boat club(dist Dindigul), Kunderipallam (dist Erode) 3 each, Kumarapalayam (dist Namakkal), Aranmanaipudur (dist Theni), PWD Vaarappatti (dist Coimbatore), Geddai (dist The Nilgiris), Azhiyar (dist Coimbatore), Madukkarai Taluk Office (dist Coimbatore), Kinnakorai (dist The Nilgiris), Vaigai Dam (dist Theni), Pollachi (dist Coimbatore), Yercaud_ISRO AWS (dist Salem) 2 each, PWD Makkinampatti (dist Coimbatore), Vellakoil (dist Tiruppur), Podanur Railway Station (dist Coimbatore), Anaippalayam (dist Karur), Coimbatore South (dist Coimbatore), Adar Estate (dist The Nilgiris), Sholayar (dist Coimbatore), Andipatti (dist Theni), Ottanchatram (dist Dindigul), Gobichettipalayam (dist Erode), Avinasi (dist Tiruppur), Siruvani Adivaram (dist Coimbatore), Barwood (dist The Nilgiris), Yercaud (dist Salem), Bodinaickanur (dist Theni), Kinathukkadavu (dist Coimbatore), Papanasam (dist Tirunelveli), Thirumoorthi Dam (dist Tiruppur), Manalmedu (dist Mayiladuthurai), Pennagaram (dist Dharmapuri), Mambzhathuraiyaru (dist Kanniyakumari), Perundurai (dist Erode), Anaikedanku (dist Kanniyakumari), Thuckalay (dist Kanniyakumari), Gudalur Bazar (dist The Nilgiris), Madathukulam (dist Tiruppur), Ramanadhi Dam Section (dist Tenkasi), Thirumoorthy IB (dist Tiruppur), Veerapandi (dist Theni) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (10.05.2024), the maximum temperatures over Tamilnadu were generally **normal to slightly 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** **41.5°C (+5.2°C)** followed by **Erode: 41.4°C(+3.9°C)**.

Plains of **the rest of** Interior Tamilnadu recorded **37-39°C**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **34°C to 37°C** and the **hilly areas**, **22°C to 29°C** temperatures.

Chennai recorded normal maximum (MBK:**36.6°C, -1.0°C** and NBK: **35.6°C, -0.8°C**).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	Over Cuddalore district.
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 rest of the subdivision.

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	Over Karur district.
Appreciably above Normal (3.1- 5.0 °C)	Over Coimbatore (Airport), Erode and Kanyakumari districts.
Above normal (1.6° C to 3.0° C)	Over Thanjavur, Madurai, Salem, Ramanathapuram, Nilgiris and Coimbatore (Valparai) districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Nilgiris and Tiruvallur districts.
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.

Erode recorded the lowest minimum temperature of **19.8°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 Coimbatore and Erode districts.
Markedly fall (-4.1° C or less)	Over Karur district.
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)	-----
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Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Kanyakumari, Trichy, Thoothukudi and Nilgiris districts and Puducherry.
Below normal (-1.6 ° to -3.0 ° C)	Over Ramanathapuram district.
Appreciably below normal (- 3.1° C to -5.0°C)	Over Erode and Karur district.
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:

A cyclonic circulation lies over south Kerala & neighbourhood and extends upto 1.5 km above mean sea level.

Yesterday's trough from Madhya Maharashtra to South Interior Karnataka across North Interior Karnataka 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 (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. Heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Salem, Erode, Nilgiris, Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 2 (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. Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 3 (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 Nilgiris, Coimbatore, Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 4 (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. Heavy rain is likely to occur at isolated places over Erode, Nilgiris, Coimbatore, Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 5 (14.05.2024)	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 Nilgiris, Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 6 (15.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

Day 7 (16.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
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TEMPERATURE FORECAST

Day 1 (10.05.2024) to Day 5 (14.05.2024)	<u>Maximum Temperature:</u> <u>10.05.2024- 14.05.2024:</u> 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 (10.05.2024 to 14.05.2024).
	It is likely to be 40-41°C at isolated pockets over the plains of the north Interior 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. (10.05.2024 to 14.05.2024).
	<u>Relative Humidity (10.05.2024 - 14.05.2024):</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 (10.05.2024 to 14.05.2024).

HEAVY RAINFALL WARNING

Day 1 (10.05.2024)	Heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Salem, Erode, Nilgiris, Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 2 (11.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 3 (12.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 4 (13.05.2024)	Heavy rain is likely to occur at isolated places over Erode, Nilgiris, Coimbatore, Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 5 (14.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.

THUNDERSTORM WARNING

Day 1 (10.05.2024) to Day 5 (14.05.2024)	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.
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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