



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

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Pamban (dist Ramanathapuram) 7,
Manamadurai (dist Sivagangai), Thalavadi (dist Erode), PWD Makkinampatti (dist Coimbatore) 6
each, Paramakudi (dist Ramanathapuram), Salem (dist Salem), Suler (dist Coimbatore) 5 each,
Natham (dist Dindigul), Rasipuram (dist Namakkal), Sivalogam (dist Kanniyakumari), Siruvani
Adivaram (dist Coimbatore), Pollachi (dist Coimbatore) 4 each, Pandavaiyar Head (dist
Thiruvavarur), Edapadi (dist Salem), Valparai PAP (dist Coimbatore), Thirparappu (dist
Kanniyakumari), Tirupuvanam (dist Sivagangai), Valparai Taluk Office (dist Coimbatore),
Tiruchirappalli Junction (dist Thiruchirappalli), Tiruchirappalli Town (dist Thiruchirappalli),
Viraganur (dist Madurai), Thangachimadam (dist Ramanathapuram) 3 each, Maniyachi (dist
Thoothukudi), Azhiyar (dist Coimbatore), Nannilam (dist Thiruvavarur), Ilayangudi (dist
Sivagangai), Bhavani (dist Erode), Coimbatore AP (dist Coimbatore), Manapparai (dist
Thiruchirappalli), Kamudhi (dist Ramanathapuram), Perunchani Dam (dist Kanniyakumari),
Puthan Dam (dist Kanniyakumari), Suralacode (dist Kanniyakumari), Aranmanaipudur (dist
Theni), Needamangalam (dist Thiruvavarur), Kamudhi ARG (dist Ramanathapuram), Danishpet
(dist Salem) 2 each, Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist
Kanniyakumari), Kadambur (dist Thoothukudi), Chittar-I (dist Kanniyakumari), PWD
Vaarappatti (dist Coimbatore), Thaluthalai (dist Perambalur), Sivagiri (dist Tenkasi), Sandhiyur
KVK AWS (dist Salem), Uttamapalayam (dist Theni), Kumarapalayam (dist Namakkal),
Pechiparai (dist Kanniyakumari), Rameswaram (dist Ramanathapuram), Vembakottai (dist
Virudhunagar), Pudukottai (dist Pudukkottai), Vedanatham (dist Thoothukudi), Kovilpatti (dist
Thoothukudi), Karuppanadhi Dam (dist Tenkasi), Tiruchirappalli Airport (dist Thiruchirappalli),
Chinnakalar (dist Coimbatore), Madurai Airport (dist Madurai), Vettikadu (dist Thanjavur),
Yercaud (dist Salem), Balamore (dist Kanniyakumari), Kalial (dist Kanniyakumari),
Thammampatty (dist Salem), Mettur (dist Salem), Vazhapadai ARG (dist Salem), Yercaud AWS
(dist Salem) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (12.05.2024), the maximum temperatures over Tamilnadu were generally **normal** over many places and **normal** over the coastal areas of Tamilnadu, Puducherry & Karaikal.

Highest maximum temperature recorded at **Erode 40.0°C (+1.6°C)**.

Plains of **the rest of** Interior Tamilnadu recorded **36-39°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: 37.4°C, -1.0°C** and **NBK: 35.4°C, -2.0°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 Madurai, Nilgiris and Vellore districts.
Markedly fall (-4.1° C or less)	Over Trichy 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)	-----
Above normal (1.6° C to 3.0° C)	Over Erode, Kanyakumari, Ramanathapuram and Coimbatore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Chennai, Madurai, Tirunelveli and Vellore districts.
Appreciably below normal (-3.1 to -5.0°C)	Over Trichy 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 **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 Coimbatore and Salem districts.
Markedly fall (-4.1° C or less)	Over Ramanathapuram 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)	-----
Appreciably above Normal (3.1° C to 5.0 ° C)	-----
Above Normal (1.6 °C to 3.0 °C)	Over Vellore district.
Below normal (-1.6 ° to -3.0 ° C)	Over Erode and Madurai districts.
Appreciably below normal (- 3.1° C to -5.0°C)	Over Ramanathapuram 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:

Yesterday's Trough/Wind Discontinuity from Marathwada to Comorin area now runs from East Madhya Pradesh to Comorin area across Vidarbha, Marathwada, Interior Karnataka and Tamilnadu at 0.9 km above mean sea level.

A cyclonic circulation lies over South Interior Karnataka & neighbourhood at 1.5 km above mean sea level.

Yesterday's cyclonic circulation over southeast Arabian Sea off Kerala coast at 1.5 km above mean sea level has become less marked.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (12.05.2024)	Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 40-50 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, Erode, Tiruppur, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 2 (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 Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 3 (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 Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 4 (15.05.2024)	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 Dindigul, Theni, Madurai, Virudhunagar, Sivaganga, Tirunelveli, Tenkasi and Kanyakumari districts.
Day 5 (16.05.2024)	Light to moderate rain at many 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 Salem, Namakkal, Nilgiris, Coimbatore, Tiruppur, Dindigul, Karur, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 6 (17.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (18.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (12.05.2024) to Day 5 (16.05.2024)	<u>Maximum Temperature:</u> <u>12.05.2024- 16.05.2024:</u> Maximum temperature is likely to be generally near normal over many places and 2-3°C above normal at isolated pockets over the interior Tamilnadu during the next five days (12.05.2024 to 16.05.2024).
	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 34-37°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (12.05.2024 to 16.05.2024).
	<u>Relative Humidity (12.05.2024 - 16.05.2024):</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 60-85% over the coastal areas during the next five days (12.05.2024 to 16.05.2024).

HEAVY RAINFALL WARNING

Day 1 (12.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Tiruppur, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 2 (13.05.2024)	Heavy rain is likely to occur at isolated places over Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 3 (14.05.2024)	Heavy rain is likely to occur at isolated places over Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.
Day 4 (15.05.2024)	Heavy rain is likely to occur at isolated places over Dindigul, Theni, Madurai, Virudhunagar, Sivaganga, Tirunelveli, Tenkasi and Kanyakumari districts.
Day 5 (16.05.2024)	Heavy rain is likely to occur at isolated places over Salem, Namakkal, Nilgiris, Coimbatore, Tiruppur, Dindigul, Karur, Theni, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.

THUNDERSTORM WARNING

Day 1 (12.05.2024)	Thunderstorm, lightning and gusty winds with speed reaching 40-50 kmph is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 2 (13.05.2024) to Day 5 (16.05.2024)	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.

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 29-30°C.
For next 48 hours	Sky condition is likely to be partly cloudy. Light rain is likely to occur in some areas. Maximum temperature is likely to be 36-37°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