

 <p>India Meteorological Department</p>	<p><b>இந்திய அரசு</b> இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை-600006 - <b>தொலைபேசி : 044- 28271951.</b></p>		<p><b>GOVERNMENT OF INDIA</b> INDIA METEOROLOGICAL DEPARTMENT <b>Regional Meteorological Centre</b> No. 6, College Road, Chennai-600006 Phone: 044- 28271951.</p>
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**DATE: 13 May 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 a few places over Tamilnadu. Very light rain occurred over Puducherry and Karaikal area.

**CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:** Sivagiri (dist Tenkasi) 12, Chittar-I (dist Kanniyakumari), Periyakulam (dist Theni) 8 each, Elumalai (dist Madurai), Mandapam (dist Ramanathapuram) 7 each, Kuppanampatti (dist Madurai) 6, Andipatti (dist Theni), Thalavadi (dist Erode), Barwood (dist The Nilgiris) 5 each, Pechiparai (dist Kanniyakumari), Denkanikottai (dist Krishnagiri), Valparai PAP (dist Coimbatore), Mannargudi (dist Thiruvarur), Kodaikanal Boat club (dist Dindigul) 4 each, Valparai Taluk Office (dist Coimbatore), Gudalur Bazar (dist The Nilgiris), Thirparappu (dist Kanniyakumari), Avinasi (dist Tiruppur), Upper Gudalur (dist The Nilgiris), Perunchani Dam (dist Kanniyakumari), Puthan Dam (dist Kanniyakumari), Thangachimadam (dist Ramanathapuram), Periyanaickenpalayam (dist Coimbatore), Usilampatti (dist Madurai), Valangaiman (dist Thiruvarur) 3 each, Naduvattam (dist The Nilgiris), Devala (dist The Nilgiris), Thammampatty (dist Salem), Budalur (dist Thanjavur), Sivalogam (dist Kanniyakumari), Adanakottai (dist Pudukottai), Kunderipallam (dist Erode), Pillur Dam Mettupalayam (dist Coimbatore), Thenkasi (dist Tenkasi), Amaravathy Dam (dist Tiruppur), Chinnakalar (dist Coimbatore), Alangayam (dist Tirupathur), Balamore (dist Kanniyakumari), Sholayar (dist Coimbatore), Karaikudi (dist Sivagangai), Yercaud (dist Salem), Tirupuvanam (dist Sivagangai), Burliar (dist The Nilgiris), Glenmorgan (dist The Nilgiris), Kil Kotagiri Estate (dist The Nilgiris), Vaigai Dam (dist Theni), Coonoor PTO (dist The Nilgiris), Coimbatore AP (dist Coimbatore), Perungalur (dist Pudukkottai), Sothuparai (dist Theni), PWD Makkinampatti (dist Coimbatore), Tirupathur Collector office AWS (dist Tirupathur) 2 each, Sethiathope (dist Cuddalore), Surangudi (dist Thoothukudi), Kilanilai (dist Pudukkottai), Kudimiyannalai (dist Pudukkottai), PWD (dist Tiruppur), Salem (dist Salem), Mohanur (dist Namakkal), Kalial (dist Kanniyakumari), Suralacode (dist Kanniyakumari), Nambiyur (dist Erode), Kuzhithurai (dist Kanniyakumari), Perundurai (dist Erode), Thali (dist Krishnagiri), Gadana Dam (dist Tenkasi), Arimalam (dist Pudukkottai), Bodinaickanur (dist Theni), PWD Vaarappatti (dist Coimbatore),

Tirupattur (dist Tirupathur), Anjatti (dist Krishnagiri), Ayikudi (dist Tenkasi), Sethu Bhasakar College AWS (dist Sivaganga), Tenkasi AWS (dist Tenkasi) 1 each.

### DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (13.05.2024), 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 **Erode 40.8°C (+2.4°C)** followed by **Karur Paramathi 40.5°C(+3.8°C)** and **Vellore 40.2°C(+2.6°C)**

Plains of **the rest of** Interior Tamilnadu recorded **36-41°C**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **34°C to 36°C** and the **hilly areas**, **22°C to 27°C** temperatures.

Chennai recorded normal maximum (MBK: 37.6°C, -0.8°C and NBK: 35.8°C, -1.6°C).

### MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	-----
Appreciably rise (2.1° C to 4.0° C)	Over Karur, Trichy and Vellore districts.
Appreciable fall (-2.1 ° C to -4.0° C)	Over Ramanathapuram, Nilgiris and Coimbatore districts.
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 Karur district.
Above normal (1.6° C to 3.0° C)	Over Erode and Kanyakumari districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Chennai, Cuddalore, Ramanathapuram, Nilgiris districts and Puducherry.
Appreciably below normal (-3.1 to -5.0°C)	Over Madurai district.
Markedly below normal (-5.1 or less)	Over Thoothukudi district.
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Namakkal recorded the lowest minimum temperature of **22.0°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°)	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 rest of the subdivision.

### MINIMUM TEMPERATURE (DEPARTURE):

<b>Markedly above normal</b> (5.0 ° C or more)	-----
<b>Appreciably above Normal</b> (3.1° C to 5.0 ° C)	-----
<b>Above Normal</b> (1.6 °C to 3.0 °C)	Over Chennai, Tirunelveli and Vellore district.
<b>Below normal</b> (-1.6 ° to -3.0 ° C)	Over Thoothukudi and Coimbatore districts.
<b>Appreciably below normal</b> (- 3.1° C to -5.0°C)	-----
<b>Markedly below normal</b> (- 5.0° C or less)	-----
<b>Normal</b> (-1.5° C to 1.5° C)	Over the rest of the subdivision.

### Synoptic Meteorological feature:

A trough runs from South Interior Karnataka to northwest Madhya Pradesh across Madhya Maharashtra at 0.9 km above mean sea level.

A cyclonic circulation lies over Comorin Area between 1.5 & 3.1 km above mean sea level.

Yesterday's cyclonic circulation over South Interior Karnataka & neighbourhood persists and now extends upto 1.5 km above mean sea level.

Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.

Yesterday's Trough/Wind Discontinuity from East Madhya Pradesh to Comorin area across Vidarbha, Marathwada, Interior Karnataka & Tamil Nadu at 0.9 km above mean sea level has become less marked.

### FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

<b>Day 1</b> (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. <b>Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore and Tiruppur, Erode, Theni, Dindigul, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.</b>
<b>Day 2</b> (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. <b>Heavy rain is likely to occur at isolated places over Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.</b>
<b>Day 3</b> (15.05.2024)	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. <b>Heavy rain is likely to occur at isolated places over Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.</b>
<b>Day 4</b> (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. <b>Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Salem, Dharmapuri, Krishnagiri, Tirupattur, Dindigul, Namakkal, Karur, Tiruchirappalli, Madurai, Sivaganga, Virudhunagar Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Theni,</b>

	<b>Tenkasi, Tirunelveli, Kanyakumari districts and Karaikal area.</b>
<b>Day 5 (17.05.2024)</b>	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. <b>Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Salem, Dharmapuri, Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi, Namakkal, Tiruchirappalli, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Cuddalore, Ariyalur, Perambalur districts and Karaikal area.</b>
<b>Day 6 (18.05.2024)</b>	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
<b>Day 7 (19.05.2024)</b>	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

#### TEMPERATURE FORECAST

<b>Day 1 (13.05.2024) to Day 5 (17.05.2024)</b>	<b><u>Maximum Temperature :</u></b> <b><u>13.05.2024-17.05.2024:</u></b> Maximum Temperature is likely to fall gradually by 2-3°C at a few pockets over Interior Tamilnadu during the next five days (13.05.2024 -17.05.2024).
	<b><u>13.05.2024-15.05.2024:</u></b> Maximum Temperature is likely to be 2-3°C above normal at isolated pockets over Interior Tamilnadu and generally near normal over rest Tamilnadu, Puducherry and Karaikal area during the next three days. It is likely to be 38-40°C at isolated pockets over the plains of the <b>north Interior Tamilnadu</b> , 36-38°C over the plains of the <b>rest of Interior Tamilnadu</b> and 34-37°C over coastal Tamilnadu, Puducherry and Karaikal area during the next three days. (13.05.2024 to 15.05.2024).
	<b><u>16.05.2024-17.05.2024:</u></b> Maximum temperature is likely to be generally slightly below normal to normal over Tamilnadu, Puducherry and Karaikal during 16.05.2024 &17.05.2024. It is likely to be 36-38°C over the plains of <b>Interior Tamilnadu</b> and 34-36°C over coastal Tamilnadu, Puducherry and Karaikal area during 16.05.2024 to 17.05.2024.
	<b><u>Relative Humidity (13.05.2024 - 17.05.2024):</u></b> 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 <b>during the next five days (13.05.2024 to 17.05.2024).</b>

#### HEAVY RAINFALL WARNING

<b>Day 1 (13.05.2024)</b>	<b>Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore and Tiruppur, Erode, Theni, Dindigul, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.</b>
<b>Day 2 (14.05.2024)</b>	<b>Heavy rain is likely to occur at isolated places over Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.</b>
<b>Day 3 (15.05.2024)</b>	<b>Heavy rain is likely to occur at isolated places over Dindigul, Theni, Madurai, Virudhunagar, Tenkasi, Tirunelveli and Kanyakumari districts.</b>

Day 4 (16.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Salem, Dharmapuri, Krishnagiri, Tirupattur, Dindigul, Namakkal, Karur, Tiruchirappalli, Madurai, Sivaganga, Virudhunagar, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Theni, Tenkasi, Tirunelveli, Kanyakumari districts and Karaikal area.
Day 5 (17.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Salem, Dharmapuri, Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi, Namakkal, Tiruchirappalli, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Cuddalore, Ariyalur, Perambalur districts and Karaikal area.

#### THUNDERSTORM WARNING

Day 1 (13.05.2024) to Day 5 (17.05.2024)	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 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 rain is likely to occur in some areas. Maximum temperature is likely to be around 36°C and Minimum temperature is likely to be 28-29°C.

For Director  
Area Cyclone Warning Centre  
Regional Meteorological Centre, Chennai

**Legends:**

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

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