



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: 6 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 one or two places over Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Kamatchipuram (dist Dindigul), Peraiyur (dist Madurai) 5 each, Andipatti (dist Theni) 4, Mayanur (dist Karur), Tobacco Station (VDR) (dist Dindigul), Vendasandur (dist Dindigul) 3 each, Chinnakalar (dist Coimbatore), Dindigul (dist Dindigul), Kadavur (dist Karur), Ponnaniyar Dam (dist Thiruchirappalli), Thekkadi (dist Theni), Kadavur AWS (dist Karur) 2 each, Ammapettai (dist Erode), Srivilliputhur (dist Virudhunagar), Krishnarayapuram (dist Karur), Erumapatti (dist Namakkal), Periyar (dist Theni), Watrap (dist Virudhunagar), Shanmuganadhi (dist Theni), Namakkal (dist Namakkal), Pennagaram (dist Dharmapuri), Gobichettipalayam (dist Erode), Gudalur (dist Theni) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (06.05.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal** over many places in the plains of interior Tamilnadu, **markedly above normal** at isolated pockets in north interior Tamilnadu and **normal to above normal** over the coastal areas of Tamilnadu, Puducherry & Karaikal. **Heatwave condition** prevailed at a few pockets in north interior Tamilnadu.

Highest maximum temperature recorded at **Karur Paramathi 43.8°C (+7.5°C)** followed by **Erode: 43.4°C (+5.9°C)**, **Tirupattur: 42.2°C (+5.0°C)**, **Vellore: 42.1°C (+3.1°C)**, **Madurai_AP: 41.8°C (+4.2°C)**, **Tiruchirappalli_AP: 41.7°C (+3.6°C)**, **Tiruthani: 41.7°C (+1.8°C)**, **Salem: 41.0°C (+3.8°C)** and **Palayamkottai: 41.0°C (+3.6°C)**.

Plains of the **rest of Interior Tamilnadu** recorded **38-40°C**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **36°C to 38°C** and the **hilly areas**, **24°C to 26°C** temperatures.

Chennai recorded normal maximum (MBK: 39.4°C, +1.8°C and NBK: 37.0°C, +0.6°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 Dharmapuri, Nagapattinam districts and Karaikal

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

MAXIMUM TEMPERATURE (DEPARTURE):

Markedly above normal (5.1 °C or more)	Over Erode and Karur districts.
Appreciably above Normal (3.1- 5.0 °C)	Over Coimbatore AP, Kanyakumari, Madurai, Tirunelveli, Salem, Thirupattur, Trichy, Nilgiris and Vellore districts.
Above normal (1.6° C to 3.0° C)	Over Thanjavur, Chennai, Nilgiris, Cuddalore, Dharmapuri, Dindigul, Nagapattinam, Ramanathapuram, Tiruvallur and Coimbatore (Valparai) 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)	Over Thoothukudi district.
Normal (-1.5° C to 1.5° C)	Over the rest of the subdivision.

Namakkal recorded the lowest minimum temperature of **19.0°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° c or more)	Over Dharmapuri district.
Appreciable rise (2.1 ° C to 4.0°)	Over Vellore district.
Appreciable fall (-2.1° C to -4.0°)	Over Madurai district.
Markedly fall (-4.1° C or less)	Over Namakkal 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)	Over Cuddalore, Madurai, Tirunelveli, Salem, Nilgiris (Ooty), Vellore districts and Puducherry.
Above Normal (1.6 °C to 3.0 °C)	Over Thanjavur, Chennai, Coimbatore, Nilgiris (Coonoor), Kanyakumari, Dindigul, Ramanathapuram, Thirupattur, Trichy, Tiruvallur, Thoothukudi districts and Karaikal area.
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 rest of the subdivision.

Synoptic Meteorological feature:

Yesterday's trough/wind discontinuity from Marathwada to south Tamil Nadu now runs from east Vidarbha to south Tamil Nadu across Telangana, Rayalaseema & South Interior Karnataka at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (06.05.2024)	Light to moderate rain with 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.
Day 2 (07.05.2024)	Light to moderate rain with 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. Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Dharmapuri, Krishnagiri, Salem and Tirupattur districts.
Day 3 (08.05.2024)	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, Virudhunagar, Theni, Dindigul, Tirunelveli and Tenkasi districts.
Day 4 (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.
Day 5 (10.05.2024)	Light to moderate rain with 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.
Day 6 (11.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (12.05.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.

TEMPERATURE FORECAST

Day 1 (06.05.2024) to Day 5 (10.05.2024)	<p>Maximum Temperature: 06.05.2024- 10.05.2024: There is no large change in Maximum temperatures likely over Interior Tamilnadu during the next two days (06.05.2024 & 07.05.2024) and thereafter it is likely to fall gradually upto 2°C during next three days (08.05.2024 to 10.05.2024).</p> <p>06.05.2024- 10.05.2024: Maximum temperature is likely to be generally 2-4°C above normal over the interior Tamilnadu during the next five days (06.05.2024 to 10.05.2024) and appreciably above normal by 3-5°C over few pockets in north interior Tamilnadu during 06.05.2024 & 07.05.2024.</p> <p>It is likely to be 41-43°C at a few pockets over the plains of the North Interior districts, 39-40°C over the plains of the rest Tamilnadu and 36-38°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (06.05.2024 to 10.05.2024).</p> <p>Relative Humidity (06.05.2024 - 10.05.2024): Humidity is likely to be about 30-50% in the afternoon hours and 45-80% during the rest of the day over the plains of interior districts; and 55-85%</p>
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	over the coastal areas during the next five days (06.05.2024 to 10.05.2024).
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HEAVY RAINFALL WARNING

Day 2 (07.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Dharmapuri, Krishnagiri, Salem and Tirupattur districts.
Day 3 (08.05.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Virudhunagar, Theni, Dindigul, Tirunelveli and Tenkasi districts.

THUNDERSTORM WARNING

Day 1 (06.05.2024) to Day 5 (10.05.2024)	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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HEAT WAVE WARNING

Day 1 (06.05.2024)	Heat wave conditions are likely to prevail at isolated pockets over North Interior Tamilnadu.
Day 2 (07.05.2024)	Heat wave conditions are likely to prevail at isolated pockets over Interior Tamilnadu.

TEMPERATURE WARNING

Day 1 (06.05.2024) to Day 3 (08.05.2024)	Due to humid air & high temperatures, hot & discomfort weather is very likely to prevail at isolated pockets 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 to moderate rain is likely to occur in some areas. Maximum temperature is likely to be 38-39°C and Minimum temperature is likely to be 29-30°C.
For next 48 hours	Sky condition is likely to be partly cloudy. Light to moderate rain is likely to occur in some areas. Maximum temperature is likely to be 38-39°C and Minimum temperature is likely to be 29-30°C.

For Director
Area Cyclone Warning Centre
Regional Meteorological Centre, Chennai

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