

 <p>India Meteorological Department</p>	<p>இந்திய அரசு இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை-600006 - தொலைபேசி : 044- 28271951.</p>		<p>GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951.</p>
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DATE: 13 April 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 many places over South Tamilnadu and one or two places over North Tamilnadu. Dry weather prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS:

TAMILNADU:

Sivakasi (dist Virudhunagar) 7, Bodinaickanur (dist Theni), Coonoor (dist The Nilgiris), Coonoor PTO (dist The Nilgiris) 6 each, Echanviduthi (dist Thanjavur), Billimalai Estate (dist The Nilgiris) 5 each, Vembakottai (dist Virudhunagar), Kil Kotagiri Estate (dist The Nilgiris), Peraiyur (dist Madurai) 4, Singampunari (dist Sivagangai), Kariyapatti (dist Virudhunagar), Virudhunagar AWS (dist Virudhunagar), Srivilliputhur (dist Virudhunagar) 4 each, Kakkachi (dist Tirunelveli), Manjulai (dist Tirunelveli), Oothu (dist Tirunelveli), Vettikadu (dist Thanjavur), Periyakulam (dist Theni), Pulipatti (dist Madurai), Geddai (dist The Nilgiris), Aralvaimozhi (dist Kanniyakumari), Ramanadhi Dam Section (dist Tenkasi), Ambasamudram (dist Tirunelveli), Thirupathisaram AWS (dist Kanniyakumari), Nagercoil (dist Kanniyakumari), Manjalar (dist Theni), Sattur (dist Virudhunagar), Pillur Dam Mettupalayam (dist Coimbatore), Virudhunagar (dist Virudhunagar), Sothuparai (dist Theni), Ayikudi (dist Tenkasi) 3 each, Radhapuram (dist Tirunelveli), Melur (dist Madurai), Nalumukku (dist Tirunelveli), Kamatchipuram (dist Dindigul), Mettupatti (dist Madurai), Kovilpatti (dist Thiruchirappalli), Kinnakorai (dist The Nilgiris), Papanasam (dist Tirunelveli), Thuraiyur (dist Thiruchirappalli), Thenkasi (dist Tenkasi), Periyapatti (dist Madurai), Kurungulam (dist Thanjavur), Mukkadai Dam (dist Kanniyakumari), Rajapalayam (dist Virudhunagar), Kodaikanal (dist Dindigul), Kannadaian Anicut (dist Tirunelveli), Balamore (dist Kanniyakumari), Karuppanadhi Dam (dist Tenkasi), Kalakadu (dist Tirunelveli) 2 each, Keeranur (dist Pudukkottai), Kunderipallam (dist Erode), Manimutharu (dist Tirunelveli), Colachel (dist Kanniyakumari), Tallakulam (dist Madurai), Perunchani Dam (dist Kanniyakumari), Manamelkudi (dist Pudukkottai), Ayyampettai (dist Thanjavur), Budalur (dist Thanjavur), Adiramapattinam (dist Thanjavur), Adirampatnam (dist Thanjavur), Kothagiri (dist The Nilgiris), Sivagiri (dist Tenkasi), Mambzhathuraiyaru (dist Kanniyakumari), Puthan Dam (dist Kanniyakumari), Bhoothapandy (dist Kanniyakumari), Chamraj Estate (dist The Nilgiris), Kodumudiyaru Dam (dist Tirunelveli), Kallandri (dist Madurai), Natham (dist Dindigul), Burliar

(dist The Nilgiris), Kanniyakumari (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Chittampatti (dist Madurai), Alangudi (dist Pudukkottai), Alakarai Estate (dist The Nilgiris), Madurai Airport (dist Madurai), Kamudhi (dist Ramanathapuram), Viraganur Dam (dist Madurai), Dindigul (dist Dindigul), Suralacode (dist Kanniyakumari), Mylaudy (dist Kanniyakumari), Tirumayam (dist Pudukkottai), Thuckalay (dist Kanniyakumari), Adar Estate (dist The Nilgiris), Cheranmahadevi (dist Tirunelveli) 1 each.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (**13.04.2024**), the maximum temperatures over Tamilnadu were **above normal by 2-3°C** over a few pockets over north Tamilnadu and Karaikal area. They were near normal over south Tamilnadu.

Highest maximum temperature was recorded over **Erode: 40.0°C (+2.4°C)** followed by **Tirupattur: 39.8°C (+2.7°C)**

The **north coastal areas** and **south Tamilnadu** recorded **31°C to 36°C** and the **hilly areas**, **20°C to 30°C**.

Chennai recorded normal maximum temperature (MBK:**35.6°C** and NBK:**34.7°C**).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

Markedly rise (4.1° C or more)	Over Karaikal area.
Appreciably rise (2.1° C to 4.0° C)	-----
Appreciable fall (-2.1 ° C to -4.0° C)	Over Nilgiris, Kanyakumari, Dindigul, Madurai, Tirunelveli and Thanjavur 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 Karaikal area.
Above normal (1.6° C to 3.0° C)	Over Thanjavur, Erode, Karur, Thirupattur, Ramanathapuram, Nilgiris and Coimbatore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Kanyakumari district.
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.

Namakkal recorded the lowest minimum temperature of **20.0°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 Karaikal area.
Appreciable fall (-2.1° C to -4.0°)	Over Dindigul and Madurai district.
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)	Over Nilgiris district.
Above Normal (1.6 °C to 3.0 °C)	Over Chennai, Coimbatore and Cuddalore districts.
Below normal (-1.6 ° to -3.0 ° C)	Over Erode and Dindigul districts
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 cyclonic circulation over Comorin area & neighbourhood now seen at 0.9 km above mean sea level.

Yesterday's trough/wind discontinuity now runs from cyclonic circulation over Comorin area & neighbourhood to Konkan and Goa across Kerala and Interior Karnataka at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (13.04.2024)	Light to Moderate rain with thunderstorm and lighting is likely to occur at one or two places over South Tamilnadu, Delta districts, Western Ghats districts of North Tamilnadu and Karaikal area. Dry weather is very likely to prevail over rest Tamilnadu and Puducherry.
Day 2 (14.04.2024)	Light to Moderate rain is likely to occur at one or two places over South Tamilnadu. Dry weather is very likely to prevail over North Tamilnadu, Puducherry and Karaikal area.
Day 3 (15.04.2024)	Light to Moderate rain is likely to occur at one or two places over South Tamilnadu, Delta districts and Karaikal area. Dry weather is very likely to prevail over rest Tamilnadu and Puducherry.
Day 4 (16.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 5 (17.04.2024)	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area.
Day 6 (18.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (19.04.2024)	Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

THUNDERSTORM WARNING

Day 1 (13.04.2024)	Thunderstorm & lightning is likely to occur at one or two places over Tamilnadu.
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TEMPERATURE FORECAST

Day 1 (13.04.2024)	<u>Maximum Temperature:</u>
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to Day 5 (17.04.2024)	Gradual rise in maximum temperatures by 2-3°C during the next five days. Relative Humidity (13.04.2024-17.04.2024): Humidity is likely to be about 30-50% in the afternoon hours and 40-70% during the rest of the day over the plains of interior districts; and 50-80% over the coastal areas during the next five days.
Day 1 (13.04.2024) & Day 2 (14.04.2024)	Maximum temperature is likely to be 2-3°C above normal at a few pockets over north Tamilnadu during the next two days. It is likely to be 37°C to 40°C at many pockets over the plains of the north interior districts; and 34°C to 38°C in most pockets over north coastal & south Tamilnadu, Puducherry & Karaikal during the next 2 days.
Day 3(15.04.2024) to Day 5(17.04.2024)	Maximum temperature is likely to be 2-4°C above normal at a few pockets over interior Tamilnadu during 15.04.2024 – 17.04.2024. It is likely to be 38-41°C at many pockets over the plains of the interior districts during 15.04.2024 – 17.04.2024.

TEMPERATURE WARNING

Day 1 (13.04.2024) to Day 5 (17.04.2024)	Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over Tamilnadu during the next five days.
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LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

For next 24 hours	Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 35-36°C and Minimum temperature is likely to be around 28°C.
For next 48 hours	Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 35-36°C and Minimum temperature is likely to be around 28°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