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|  India Meteorological Department | <p style="text-align: center;">இந்திய அரசு இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை-600006 - தொலைபேசி : 044- 28271951.</p> |  | <p style="text-align: center;">GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951.</p> |
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| DATE: 2 May 2024 | Time of Issue: 1330 Hrs IST |
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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 Western Ghats districts. Dry weather prevailed over rest Tamilnadu, Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Nilakottai (dist Dindigul) 5.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (02.05.2024), the maximum temperatures over Tamilnadu were generally **above normal to appreciably above normal 2 to 4°C** over most places in the plains of interior Tamilnadu and **markedly above normal** at isolated pockets in north interior Tamilnadu and **above normal to appreciably above normal** over the coastal areas of Tamilnadu, Puducherry & Karaikal. **Heat wave condition** prevailed at a few pockets in north interior Tamilnadu and highest maximum for the state of Tamilnadu was recorded as **44.0°C (+7.2°C)** at **Karur Paramathi**.

Highest maximum temperature recorded at **Karur Paramathi 44.0°C (+7.2°C)** followed by **Vellore: 43.7°C (+4.5°C)**, **Erode: 43.6°C(+5.5°C)**, **Tiruchirappalli_AP: 43.1°C (+4.7°C)**, **Tiruthani: 42.5°C(+3.3°C)**,**Dharmapuri: 41.5°C (+4.6°C)**,**Salem: 41.5°C (+3.9°C)**,**Tirupattur: 41.4°C (+3.5°C)**, **Madurai_AP:41.4°C(+3.7°C)**, **Madurai City: 41.4°C (+3.8°C)**,**Namakkal: 41.0°C**, **Thanjavur: 40.0°C** and **Cuddalore: 40.2°C(+4.3°C)**.

Plains of **the rest of** Interior Tamilnadu recorded **39-40°C**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **36°C to 40°C** and the **hilly areas**, **25°C to 30°C** temperatures.

Chennai recorded normal maximum (MBK: **40.7°C**, **+3.6°C** and NBK: **39.0°C**, **+2.9°C**).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

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| Markedly rise (4.1° C or more) | ----- |
| Appreciably rise (2.1° C to 4.0° C) | Over Chennai, Cuddalore, Nagapattinam, Tiruvallur & Vellore districts and Karaikal area. |
| 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 entire subdivision. |

MAXIMUM TEMPERATURE (DEPARTURE):

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| Markedly above normal (5.1 °C or more) | Over Erode, Karur and Nilgiris (Ooty) districts. |
| Appreciably above Normal (3.1- 5.0 °C) | Over Chennai (Meenambakkam), Coimbatore (AP), Nilgiris (Coonoor), Cuddalore, Dharmapuri, Dindigul, Madurai, Nagapattinam, Salem, Thirupattur, Trichy, Tiruvallur and Vellore districts. |
| Above normal (1.6° C to 3.0° C) | Over Thanjavur, Chennai (Nungambakkam), Kanyakumari, Tirunelveli, Ramanathapuram & Coimbatore (Valparai) districts, Puducherry and Karaikal area. |
| Below normal (-1.6 ° to -3.0 ° C) | ----- |
| 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 rest of the subdivision. |

Erode and Namakkal recorded the lowest minimum temperature of **23.5°C** in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

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| Markedly rise (4.1° c or more) | ----- |
| Appreciable rise (2.1 ° C to 4.0°) | ----- |
| 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 entire subdivision. |

MINIMUM TEMPERATURE (DEPARTURE):

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| Markedly above normal (5.0 ° C or more) | ----- |
| Appreciably above Normal (3.1° C to 5.0 ° C) | Over Thanjavur, Tirunelveli, Salem and Vellore districts. |
| Above Normal (1.6 °C to 3.0 °C) | Over Chennai, Coimbatore, Nilgiris, Cuddalore, Dharmapuri, Kanyakumari, Madurai, Ramanathapuram, Trichy, Tiruvallur & Thoothukudi districts, Puducherry 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:

A trough runs from south Chhattisgarh to south Tamil Nadu across Telangana & Rayalaseema at 0.9 km above mean sea level.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

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| Day 1 (02.05.2024) | Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Western Ghats and adjoining districts. Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area. |
| Day 2 (03.05.2024) | Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 3 (04.05.2024) | Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 4 (05.05.2024) | Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 5 (06.05.2024) | Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 6 (07.05.2024) | Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. |
| Day 7 (08.05.2024) | Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. |

TEMPERATURE FORECAST

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| Day 1 (02.05.2024) to Day 5 (06.05.2024) | <u>Maximum Temperature:</u> There is no large change in Maximum temperature over interior Tamilnadu is likely during the next three days (02.05.2024 to 04.05.2024) and thereafter it is likely to fall gradually upto 2°C during next two days (05.05.2024 to 06.05.2024) . Maximum temperature is likely to be generally 2-4°C above normal over the interior Tamilnadu during the next five days (02.05.2024 to 06.05.2024) and appreciably above normal by 3-5°C over many pockets in north Tamilnadu during 02.05.2024 to 04.05.2024 . It is likely to be 41-44°C at a few pockets over the plains of the north interior districts , 39-41°C over the plains of the rest Tamilnadu and 37-40°C over coastal Tamilnadu, Puducherry and Karaikal area during the next three days. (02.05.2024 to 04.05.2024) . <u>Relative Humidity:</u> Humidity is likely to be about 30-50% in the afternoon hours and 40-75% during the rest of the day over the plains of interior districts; and 50-80% over the coastal areas during the next five days (02.05.2024 to 06.05.2024). |
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THUNDERSTORM WARNING

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| Day 1 (02.05.2024) to Day 5 (06.05.2024) | 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

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| Day 1 (02.05.2024) & Day 2 (03.05.2024) | Heat wave conditions are likely to prevail at many pockets over North Interior Tamilnadu. |
| Day 3 (04.05.2024) to Day 5 (06.05.2024) | Heat wave conditions are likely to prevail at a few pockets over North Interior Tamilnadu. |

TEMPERATURE WARNING

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| Day 1 (02.05.2024) to Day 5 (06.05.2024) | Due to humid air & high temperatures, hot & discomfort weather is very likely to prevail at isolated pockets over rest of Tamilnadu, Puducherry and Karaikal area. |
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LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

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| For next 24 hours | Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 40-41°C and Minimum temperature is likely to be 29-30°C . |
| For next 48 hours | Sky condition is likely to be partly cloudy. Maximum temperature is likely to be 40-41°C and Minimum temperature is likely to be 29-30°C . |

For Director
Area Cyclone Warning Centre
Regional Meteorological Centre, Chenn

Legends:

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

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| 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 |