



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
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EXTENDED RANGE FORECAST FOR TAMILNADU, PUDUCHERRY AND KARAIKAL
Thursday, the 03rd July 2025

Current weather status & Outlook for next two weeks

1. Realized Weather Summary for the past week (26th June to 02nd July 2025).

I. (a) Rainfall:

(i) Rainfall during the week (26th June to 02nd July 2025)

Rainfall occurred over Tamilnadu at *a few* places on 29th; at *isolated* places during 26th –28th; 30th June – 02nd July; over Puducherry on 29th. *Very Light* rain occurred over Karaikal area on 29th. *Dry* weather prevailed over Puducherry and Karaikal area during 26th – 28th, 30th June – 02nd July 2025.

Rainfall occurred over Western Ghat districts at *many* places on 26th & 27th; at *a few* places on 28th & 29th June 2025.

Heavy to very heavy rainfall occurred at *many* places over the ghat areas of **Coimbatore** district on 26th & 27th; and at *isolated* places over **Nilgiris** district on 26th June 2025.

Isolated heavy rainfall occurred over **Tenkasi** and **Theni** districts on 26th; over Kanyakumari and Nilgiris districts on 27th; and over Coimbatore district on 29th June 2025.

Heavy rainfall amounts (cm) reported during the week (26th June to 02nd July 2025):

26-06-2025: Avalanche (dist The Nilgiris) 18, Sholayar (dist Coimbatore) 17, Valparai PTO (dist Coimbatore) 13, Chinnakalar (dist Coimbatore), Cincona (dist Coimbatore) 12 each, Upasi TRF AWS (dist Coimbatore) 11, Valparai PAP (dist Coimbatore), Parson Valley (dist The Nilgiris), Upper Bhavani (dist The Nilgiris), Valparai Taluk Office (dist Coimbatore) 9 each, Periyar (dist Theni) 8, Pollachi (dist Coimbatore), Adavinainnarkoil Dam (dist Tenkasi) 7 each,

27-06-2025: Chinnakalar (dist Coimbatore) 12, Went worth Estate (dist The Nilgiris), Kozhiporvilai (dist Kanyakumari) 11 each, Mylaudy (dist Kanyakumari), Sholayar (dist Coimbatore), Valparai PAP (dist Coimbatore) 9 each, Anaikedanku (dist Kanyakumari), Valparai Taluk Office (dist Coimbatore), Cincona (dist Coimbatore), Mambzhathuraiyaru (dist Kanyakumari), Avalanche (dist The Nilgiris) 8 each, Nagercoil (dist Kanyakumari), Barwood (dist The Nilgiris), Thuckalay (dist Kanyakumari), Valparai PTO (dist Coimbatore), Pothimund (dist The Nilgiris), Devala (dist The Nilgiris) 7 each,

28-06-2025: NIL,

29-06-2025: Chinnakalar (dist Coimbatore) 9,

30-06-2025 to 02-07-2025: NIL

Station-wise cumulative rainfall during the week **(26th June to 02nd July 2025)** is depicted in Fig.1a.

The sub-divisional rainfall during the week was **9.3 mm** against the normal rainfall of **10.0 mm** which comes under **Normal** (-07%) category. Out of the **40** districts, **06** districts received **Large Excess** rainfall; **03** districts – **Excess** rainfall; **02** districts - **Normal** rainfall; **03** districts - **Deficient** rainfall; **20** districts - **Largely Deficient** rainfall and **06** districts received *No rain* during the week (Fig.1b).

(ii) Seasonal Rainfall Scenario (01st June to 02nd July 2025):

The cumulative rainfall over Tamilnadu subdivision during the season from 01st June to 02nd July 2025 was **59.8 mm** against the *normal* rainfall of **53.9 mm**, which comes under **Normal** (+11%) category during this period (Fig.2). Out of the **40** districts, **08** districts came under **Large Excess** category; **03** districts - under **Excess** category; **13** districts – under **Normal** category; **10** districts – under **Deficient** category; **06** districts – under **Largely Deficient** category and no district came under No rain category during the period (Fig.2).

II. Temperature:

The highest maximum temperature recorded during the week was **40.4 °C** at Madurai Airport on 28th June 2025.

The lowest minimum temperature recorded over the plains of the subdivision was **21.0°C** at **Karur Paramathi** on 29th June 2025 and over the hilly areas, **10.6°C** at Kodaikanal on 01st July 2025.

(*Note: Realised rainfall and temperature descriptions given above are based on the observations during the past 24 hours ending 08:30 IST of dates mentioned therein.*)

2. Outlook for the next two weeks for the Tamil Nadu subdivision:

(i) Rainfall:

Week-1 (04-07-2025 to 10-07-2025): As per extended range predictions by dynamical models, *below normal to near normal* rainfall is likely over most districts of Tamilnadu, Puducherry and Karaikal during week-1 (Fig.3).

Week-2 (11-07-2025 to 17-07-2025): *Generally below normal to near normal* rainfall is likely over most parts of Tamilnadu, Puducherry and Karaikal area during the week-2 (Fig.3).

(ii) Temperature:

(a) Maximum Temperature:

Week-1 (04-07-2025 to 10-07-2025): Maximum temperatures are likely to be *generally normal* over most parts of Tamilnadu, Puducherry & Karaikal area and are likely to be in the range of 34°C to 38°C over north coastal and adjoining interior districts of Tamilnadu, Puducherry and Karaikal and 26°C to 34°C over the plains of remaining parts of Tamilnadu during week-1 (Fig.4a).

Week-2 (11-07-2025 to 17-07-2025): Maximum temperatures are likely to be *generally normal* over most parts of Tamilnadu, Puducherry & Karaikal area and are likely to be in the range of 34°C to 38°C over north coastal and adjoining interior districts of Tamilnadu, Puducherry and Karaikal and 26°C to 34°C over the plains of remaining parts of Tamilnadu during week-2 (Fig.4a).

(b) Minimum Temperature:

Week-1 (04-07-2025 to 10-07-2025): Minimum temperatures are likely to be *generally normal* over most parts of Tamilnadu, Puducherry & Karaikal area and are likely to be in the range of 24°C to 28°C over coastal and adjoining interior districts of Tamil Nadu, Puducherry and Karaikal area and 18°C to 24°C over the plains of rest of Tamilnadu during the week-1 (Fig.4b).

Week-2 (11-07-2025 to 17-07-2025): Minimum temperatures are likely to be *generally normal* over most parts of Tamilnadu, Puducherry & Karaikal area and are likely to be in the range of 24°C to 28°C over coastal and adjoining interior districts of Tamilnadu, Puducherry and Karaikal area and 18°C to 24°C over the plains of rest of Tamilnadu during the week-2 (Fig.4b).

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Next bulletin will be issued on 10th July 2025 (Thursday).

LEGEND:

Spatial rainfall distribution:

% Stations reporting Rainfall	Category
76-100	Widespread (WS/ most places)
51-75	Fairly Widespread (FWS/ many places)
26-50	Scattered (SCT/ few places)
1 -25	Isolated (ISOL/ one or two places)
No Rain	Dry

Rainfall intensity:

24-hr accumulated rainfall (cm/day)	Category
Upto 1	Light rain
2-6	Moderate rain
7-11	Heavy rain
12-20	Very heavy rain
≥ 21	Extremely heavy rain

Description of rainfall with respect to normal:

Rainfall percentage departure from normal	Category
≥ +60%	Large excess
+20% to +59%	Excess
-19% to +19%	Normal
-20% to -59%	Deficient
≤ -60%	Largely deficient
-100%	No Rain

Description of Temperature:

Markedly above normal	Departure from normal: +5.1°C or more
Appreciably above normal	Departure from normal: +3.1° C to +5.0 ° C
Above Normal	Departure from normal: +1.6 °C to +3.0 °C
Normal	Departure from normal: -1.5° C to +1.5° C
Below Normal	Departure from normal: -1.6 °C to -3.0 °C
Appreciably below normal	Departure from normal: -3.1° C to -5.0 ° C
Markedly below normal	Departure from normal: -5.1°C or less

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, 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



7 days cumulative rainfall (mm) from 08:30 IST of
25/07/2025 to 08:30 IST of 02/07/2025



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 03/07/2025

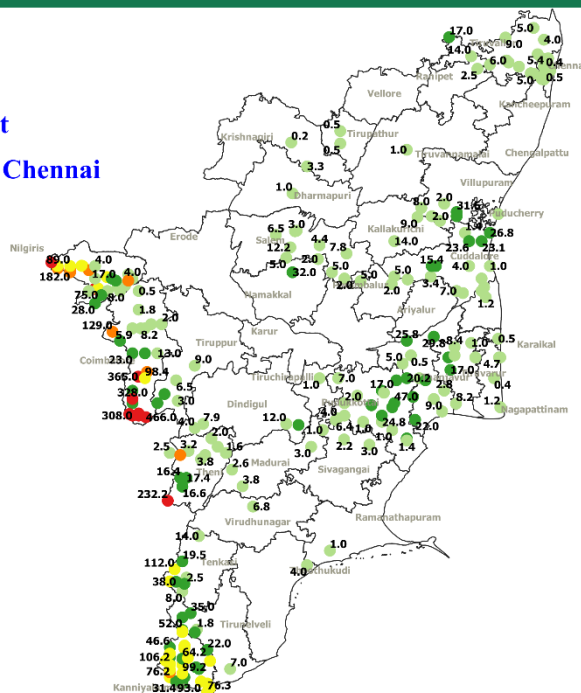


Fig.1a: Station-wise cumulative rainfall during the week
(past 7 days ending 08:30 IST of 02-07-2025).



Rainfall Departure from Normal for the
week ending 02-07-2025



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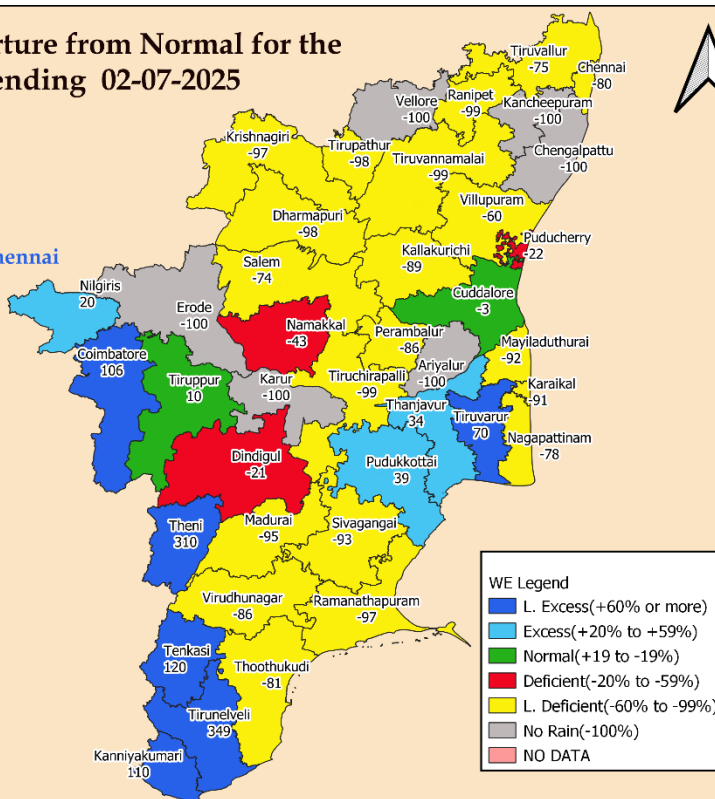
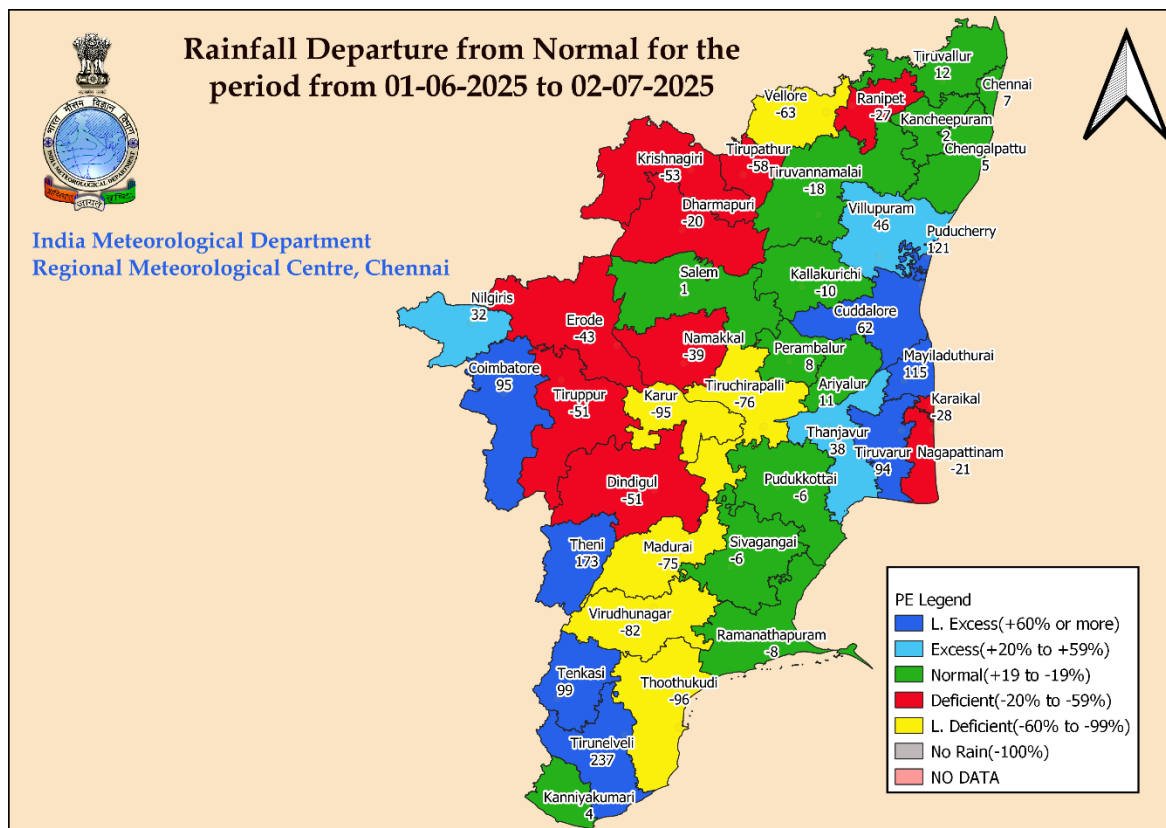


Fig.1b: District-wise weekly rainfall (percentage departures from normal)
during the week ending 02-07-2025.



**District-wise cumulative rainfall (percentage departures from normal)
during the season (01st June to 02nd July 2025).**

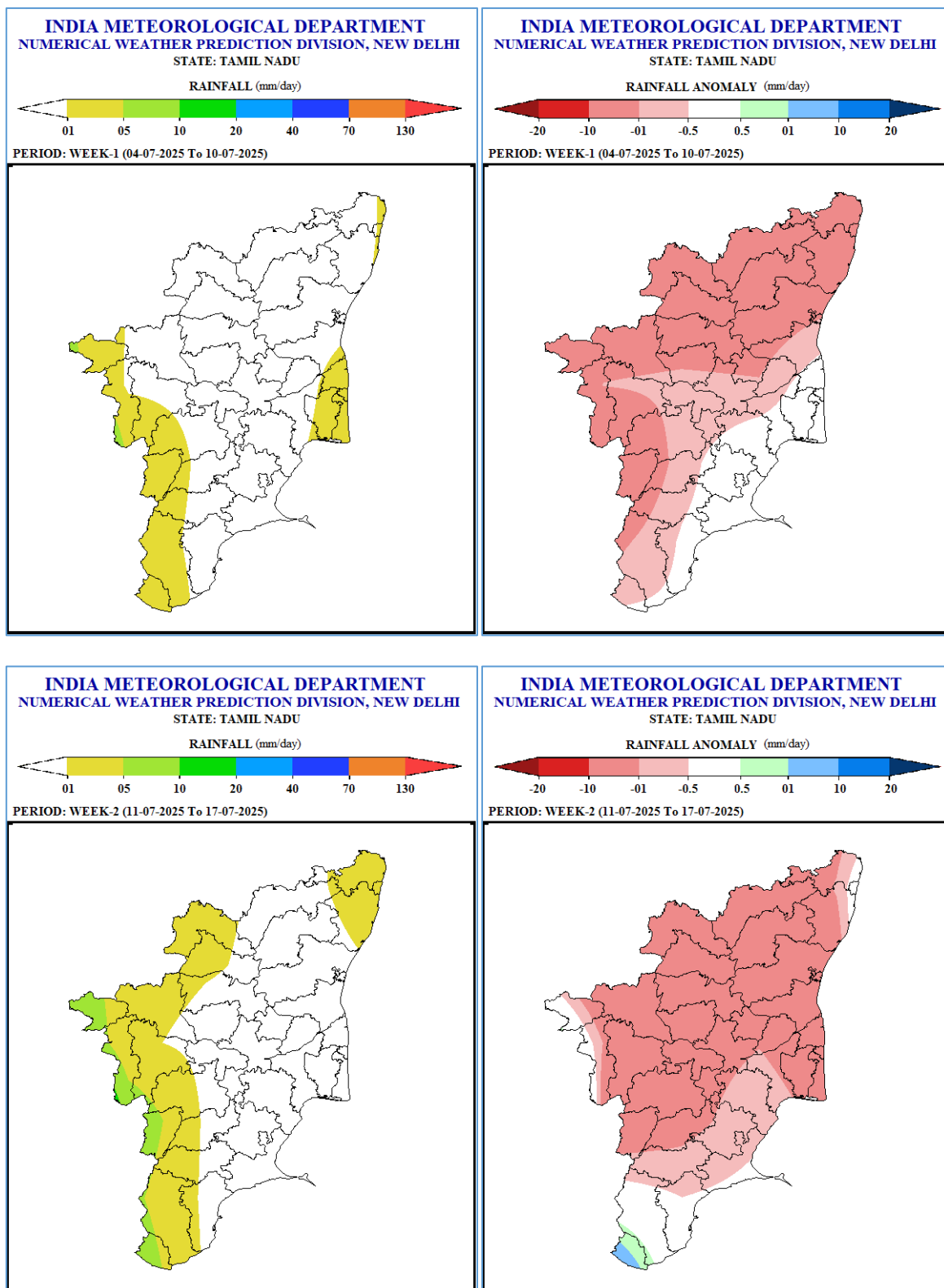


Fig.3: Predicted rainfall (in mm/day) during the Week-1 (04-07-2025 to 10-07-2025) & Week-2 (11-07-2025 to 17-07-2025)

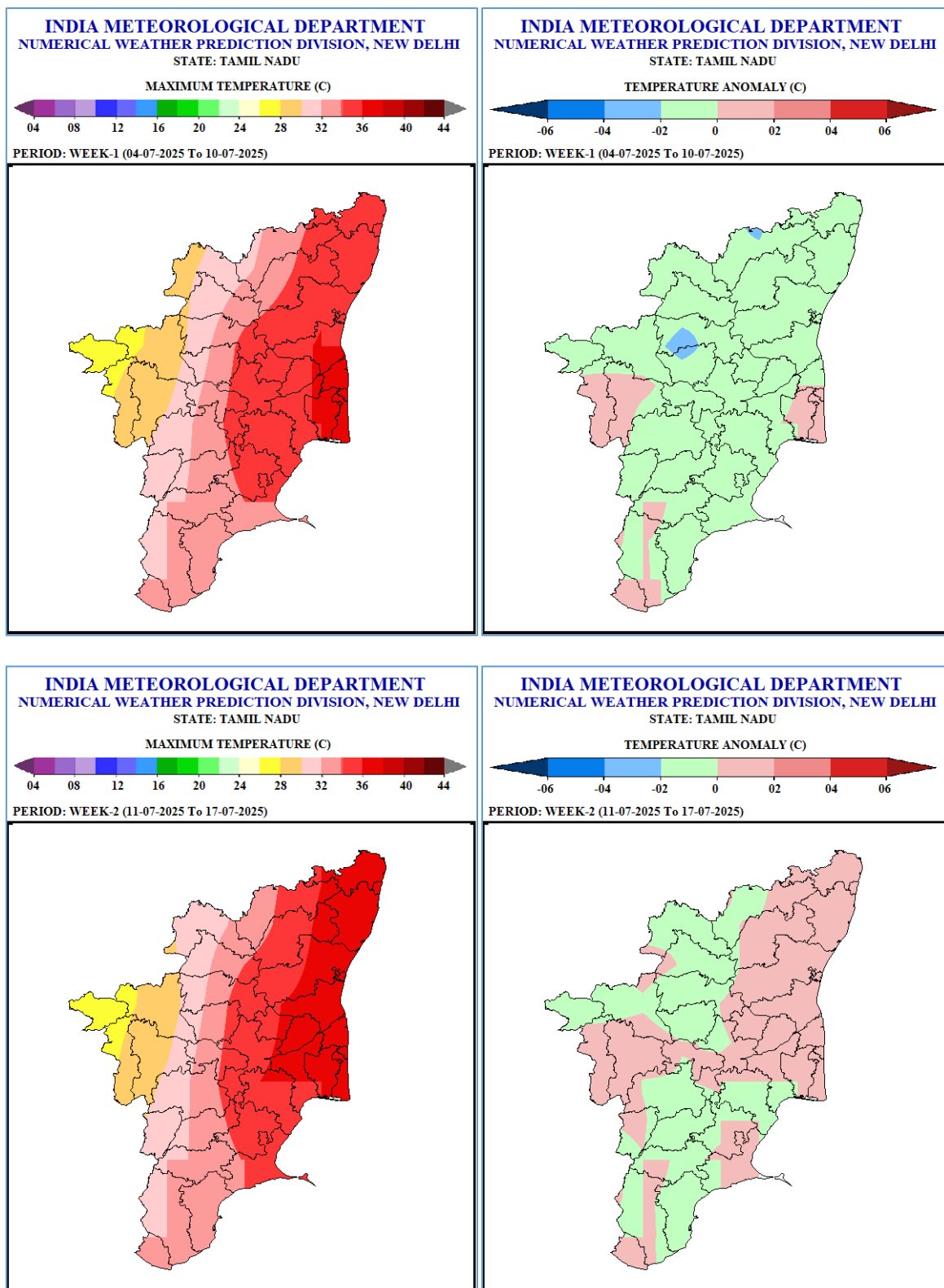


Fig.4a: Predicted maximum temperature (°C) and its departure from the normal (°C) during the Week-1 (04-07-2025 to 10-07-2025) & Week-2 (11-07-2025 to 17-07-2025)

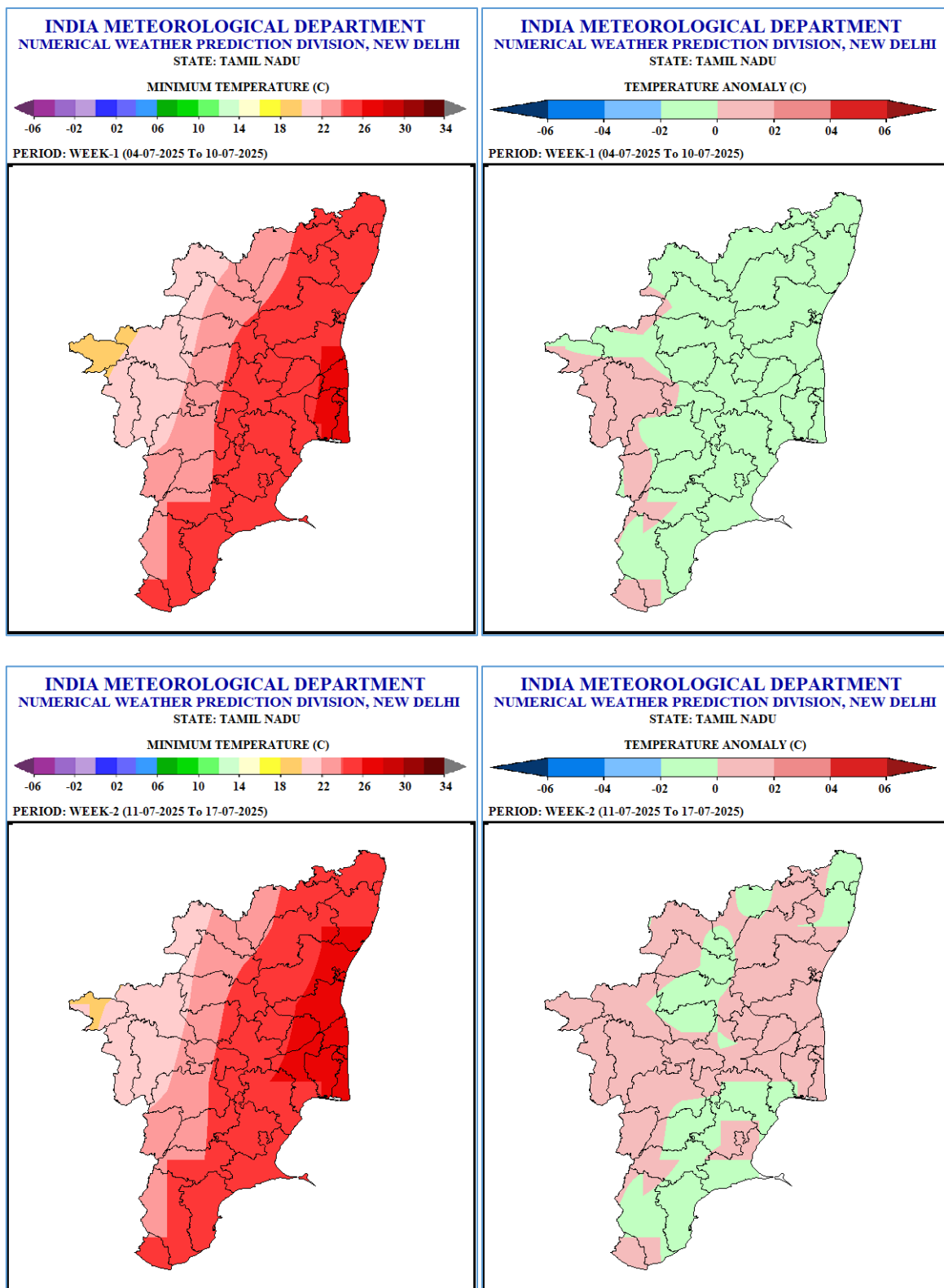


Fig.4b: Predicted minimum temperature (°C) and its departure from the normal (°C) during the Week-1 (04-07-2025 to 10-07-2025) & Week-2 (11-07-2025 to 17-07-2025)