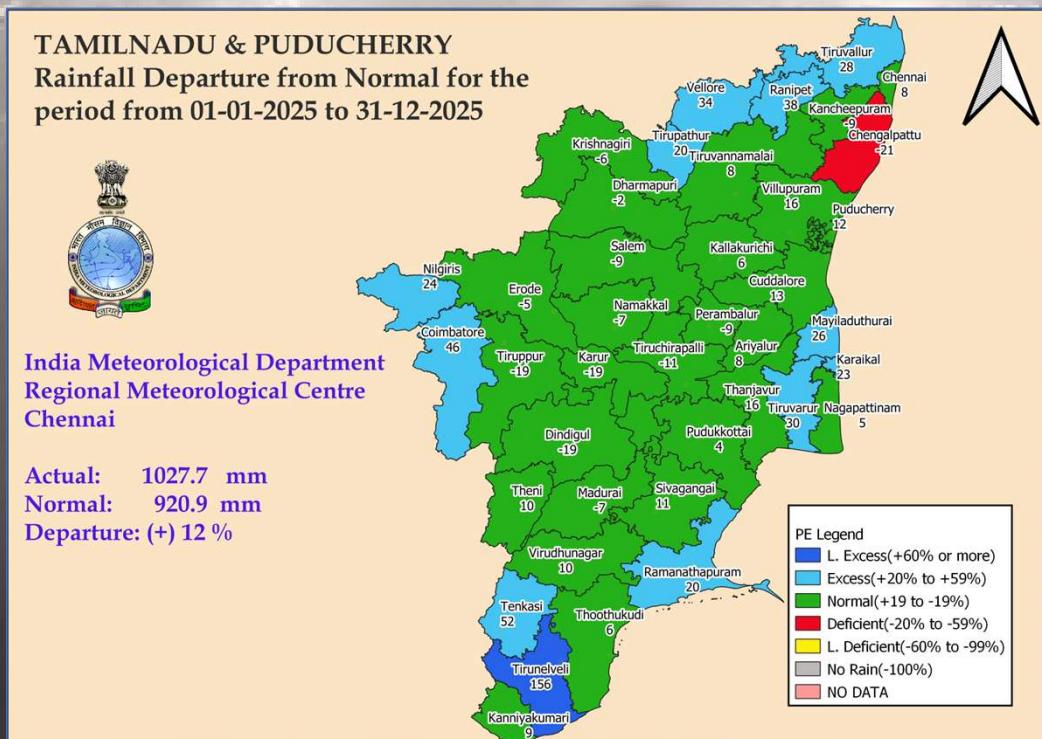




2025

ANNUAL WEATHER CAPSULE

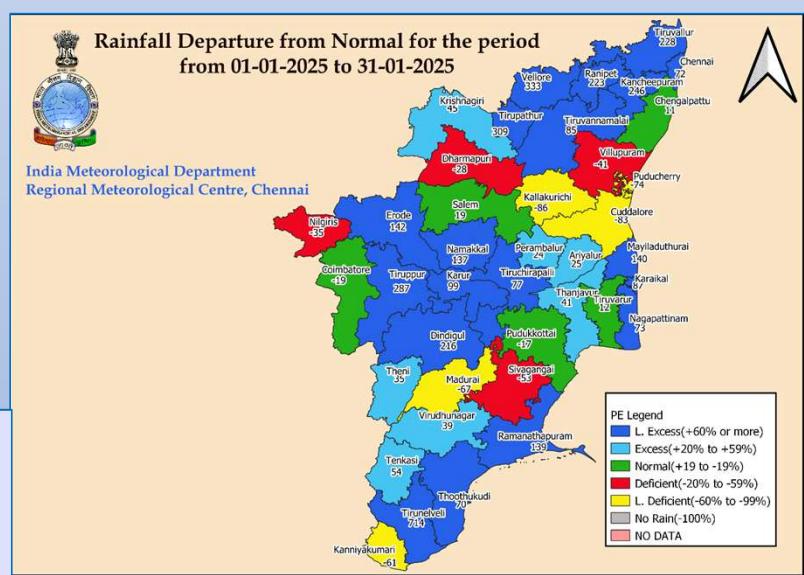
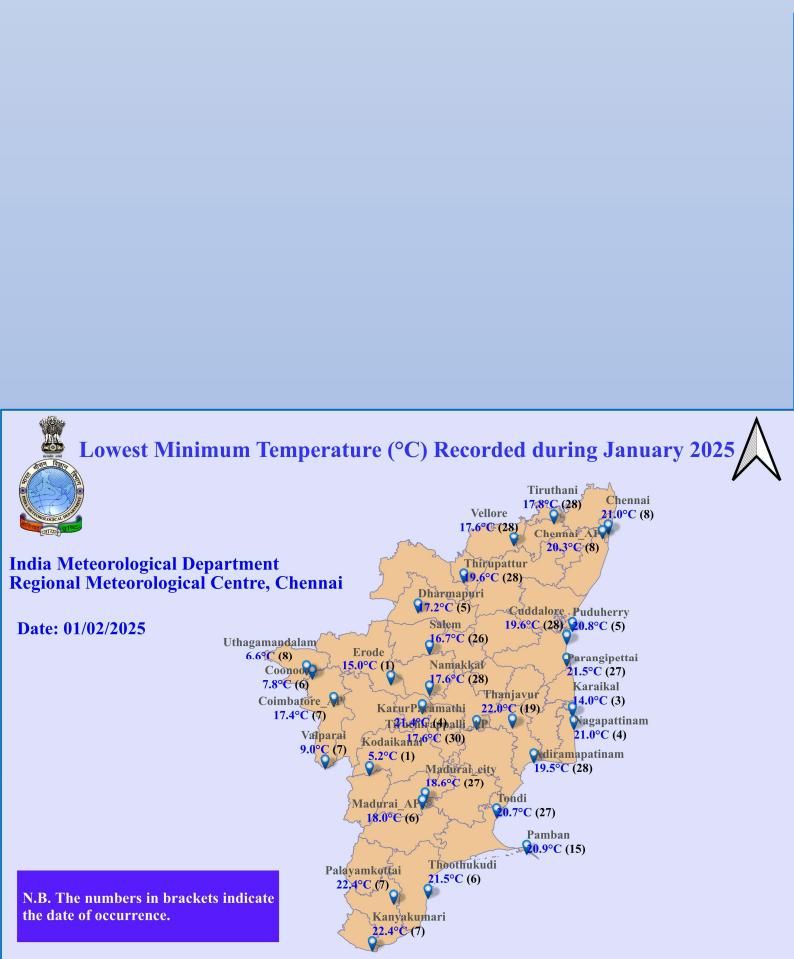


Tamilnadu, Puducherry, Karaikal

India Meteorological department
Regional Meteorological Centre, Chennai
Jan 2026

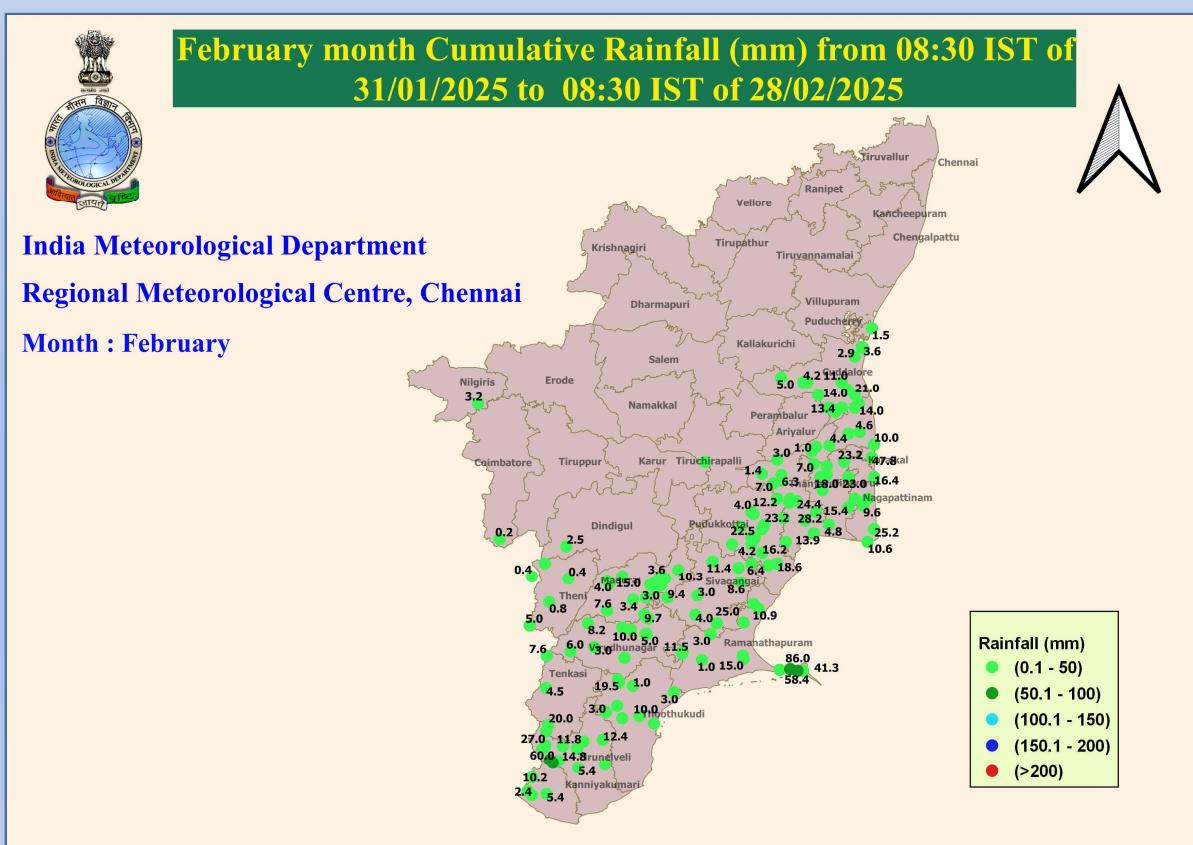
JANUARY 2025

- ✓ **Northeast monsoon 2024 extended till 27th**
- ✓ **Extremely heavy** rainfall over ghat areas of Tirunelveli district during the 24-hr ending 08:30 hrs IST of 20th
(Oothu: 23 cm; Nalumukku: 22 cm & Kakkachi: 21 cm)
- ✓ **Highest total rainfall:**
Oothu (ghat areas of Tirunelveli district): 110 cm
Nalumukku (ghat areas of Tirunelveli district) : 98 cm
- ✓ **Highest maximum temperature:**
34.2°C at Erode on 30th
- ✓ **Lowest minimum temperature:**
Plains: 14.0°C at Karur Paramathi on 03rd & 04th
Hilly areas: 5.2°C at Kodaikanal on 01st



FEBRUARY 2025

- ✓ Generally Dry weather; *Isolated* rain during the 24-hr ending 08:30 hrs IST of 01st – 04th, 25th-28th
- ✓ Dense Fog over Chennai & neighbourhood on 04th, 08th & 09th morning; & Very dense fog over Arakkonam on 13th morning
- ✓ Highest total rainfall:
Rameswaram (Ramanathapuram district): 9 cm
- ✓ Highest maximum temperature:
37.6°C at Erode on 25th
- ✓ Lowest minimum temperature:
Plains: 15.0°C at Karur Paramathi on 05th, 08th & 15th
Hilly areas: 6.4°C at Udhagamandalam on 10th



MARCH 2025

- ✓ Rainfall at *most* places on 12th; at *many* places on 13th; at a few places on 01st; generally *Isolated* rain on many other days.
- ✓ Isolated thunderstorms on a few days
- ✓ ***Large excess*** rainfall during the month
[46.7 mm against the normal of 19.9 mm → ***Large Excess (+135%)***]
- ✓ Highest total rainfall:

Oothu (ghat areas of Tirunelveli district): 46 cm
Nalumukku (ghat areas of Tirunelveli district) : 39 cm

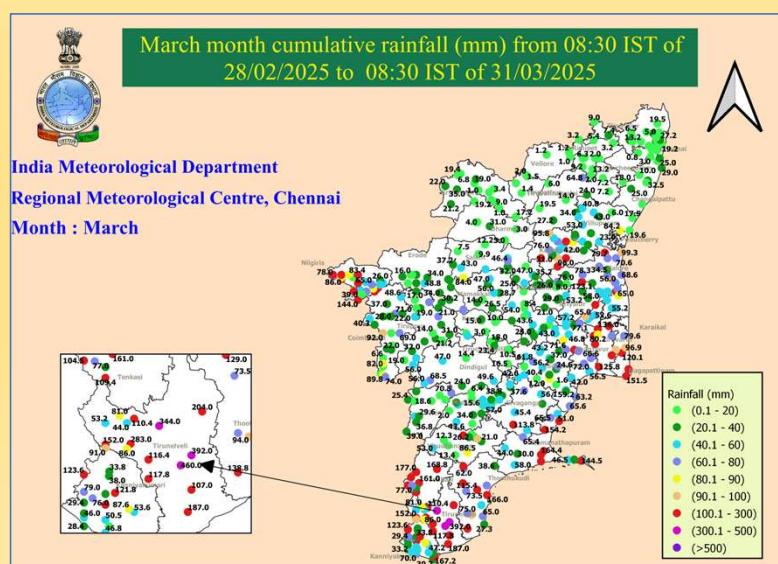
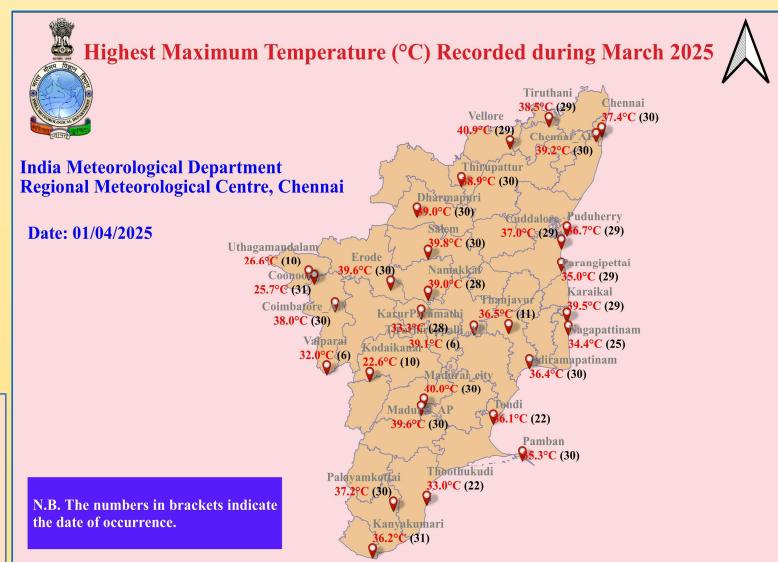
✓ Highest maximum temperature

40.9°C at Vellore on 29th

✓ Lowest minimum temperature:

Plains: 16.0°C at Tiruttani on 07th & 15th

Hilly areas: 8.4°C at Kodaikanal on 12th



APRIL 2025

- ✓ Rainfall at *many* places on 04th; at *a few / isolated* places on most of the other days.
- ✓ Isolated thunderstorms on most of the days
- ✓ **Excess** rainfall during the month

[59.1 mm against the normal of 38.8 mm → **Excess (+52%)**]

- ✓ Highest total rainfall:

Adayamadai (Kanyakumari district) : 45 cm

Perunchani Dam (Kanyakumari district) : 44 cm

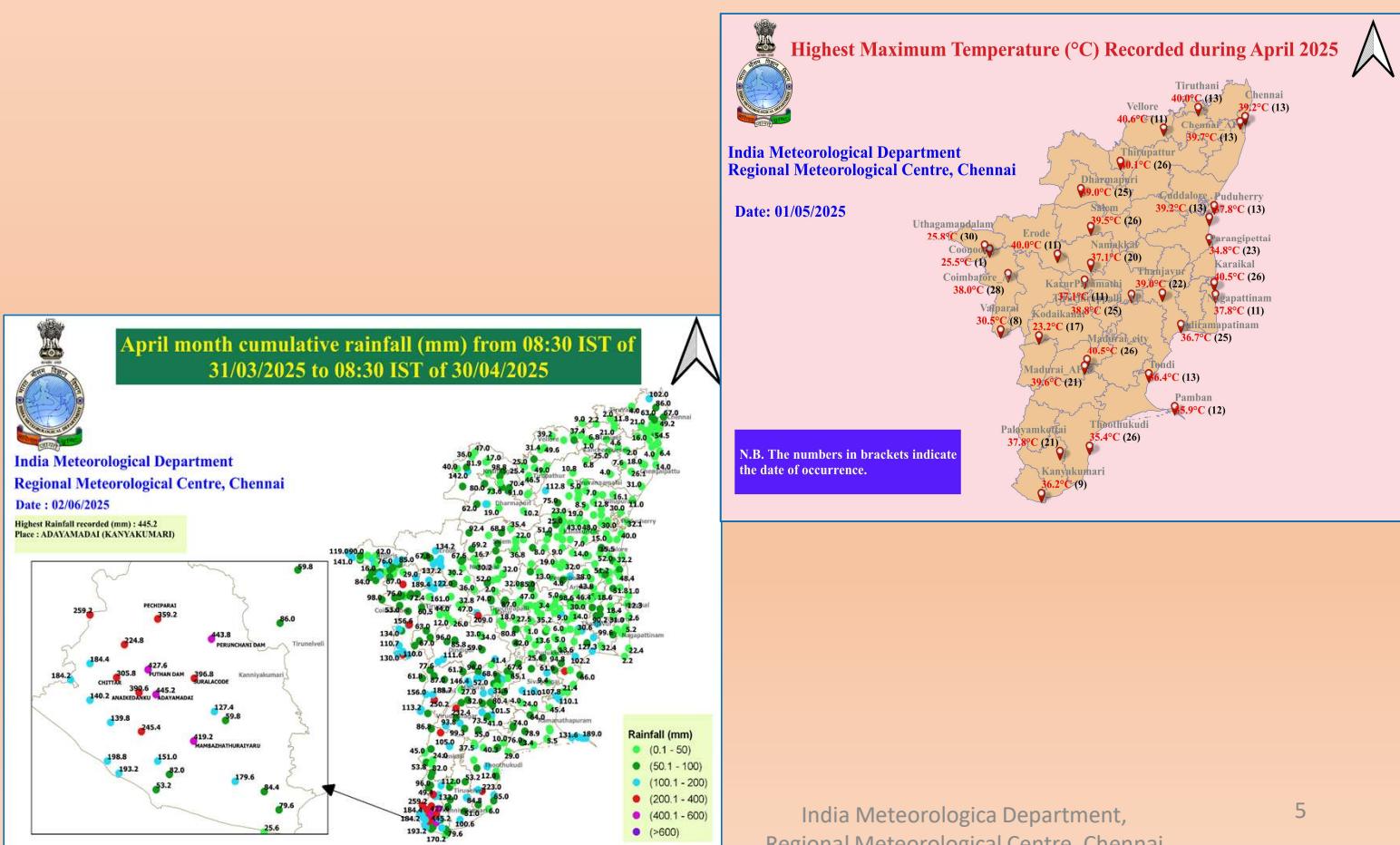
- ✓ Highest maximum temperature:

40.6°C at Erode & Vellore on 11th

- ✓ Lowest minimum temperature:

Plains: 16.5°C at Karur Paramathi on 15th

Hilly areas: 9.9°C at Kodaikanal on 22nd

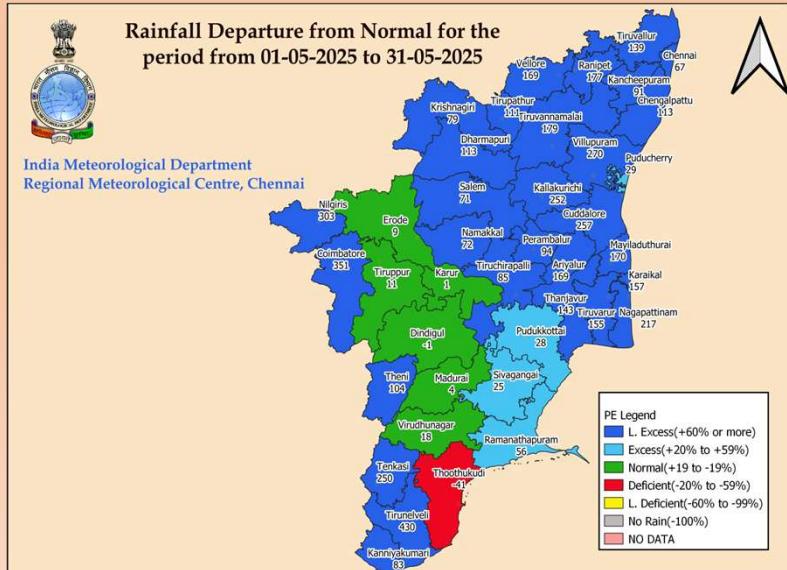
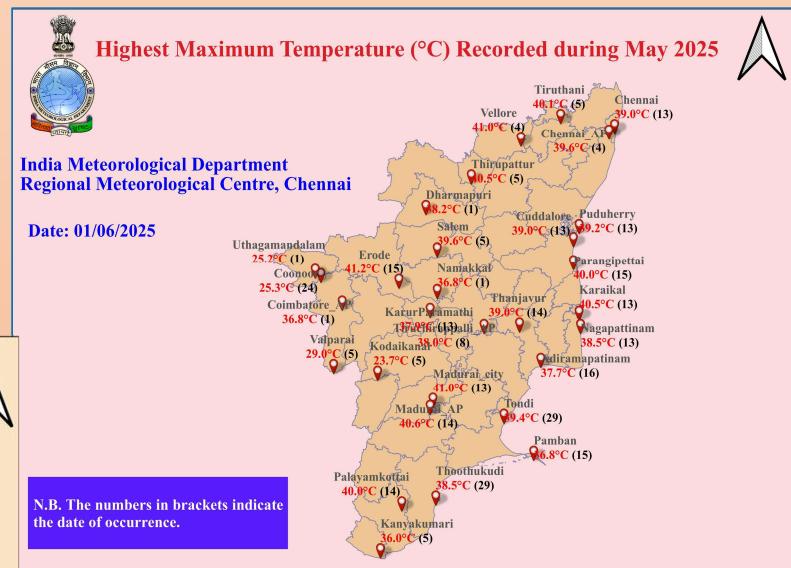


MAY 2025

- ✓ **Southwest monsoon set in over Kerala and advanced over some parts of Tamilnadu on 24th. It covered entire Tamilnadu, Puducherry & Karaikal on 26th.**
- ✓ Rainfall at *most* places on 19th; at many places on 05th, 18th & 24th; at *a few / isolated* places on all the other days.
- ✓ ***Heavy* to *very heavy* rainfall at *a few* places over Nilgiris and ghat areas of Coimbatore district during 25th -30th. *Isolated extremely heavy* rain over Nilgiris district on 25th-27th and over ghat areas of Coimbatore district on 26th.**
- ✓ Isolated thunderstorms on many of the days
- ✓ ***Large Excess* rainfall during the month [139.8 mm against the normal of 66.3 mm
→ *Large Excess (+111%)*]**
- ✓ **Highest total rainfall: Avalanche (Nilgiris district) : 150 cm**

Chinnakalar (ghat areas of Coimbatore district) : 140 cm

- ✓ Highest maximum temperature: **41.2°C** at Erode on 15th
- ✓ Lowest minimum temperature: **Plains**: 19.0°C at Karur Paramathi on 5th ; **Hilly areas**: 9.8°C at Uthagamandalam on 09th .



JUNE 2025

- ✓ Rainfall at *many* places on 23rd; at a few places on 09th-15th & 29th; at *isolated* places on all the other days.
- ✓ *Active –vigorous* monsoon conditions over the western ghat districts on 14th-17th, 23rd, 26th & 27th.
- ✓ **Heavy to very heavy** rainfall at a few/ *isolated* places over **Nilgiris during 15th, 16th, 17th & 26th** and over ghat areas of **Coimbatore** district during 15th, 16th, 26th & 27th.. *Isolated extremely heavy* rain over **Nilgiris** district on 16th.
- ✓ Isolated thunderstorms on a few days during the month
- ✓ **Subdivisional rainfall:** **Normal** rainfall during the month

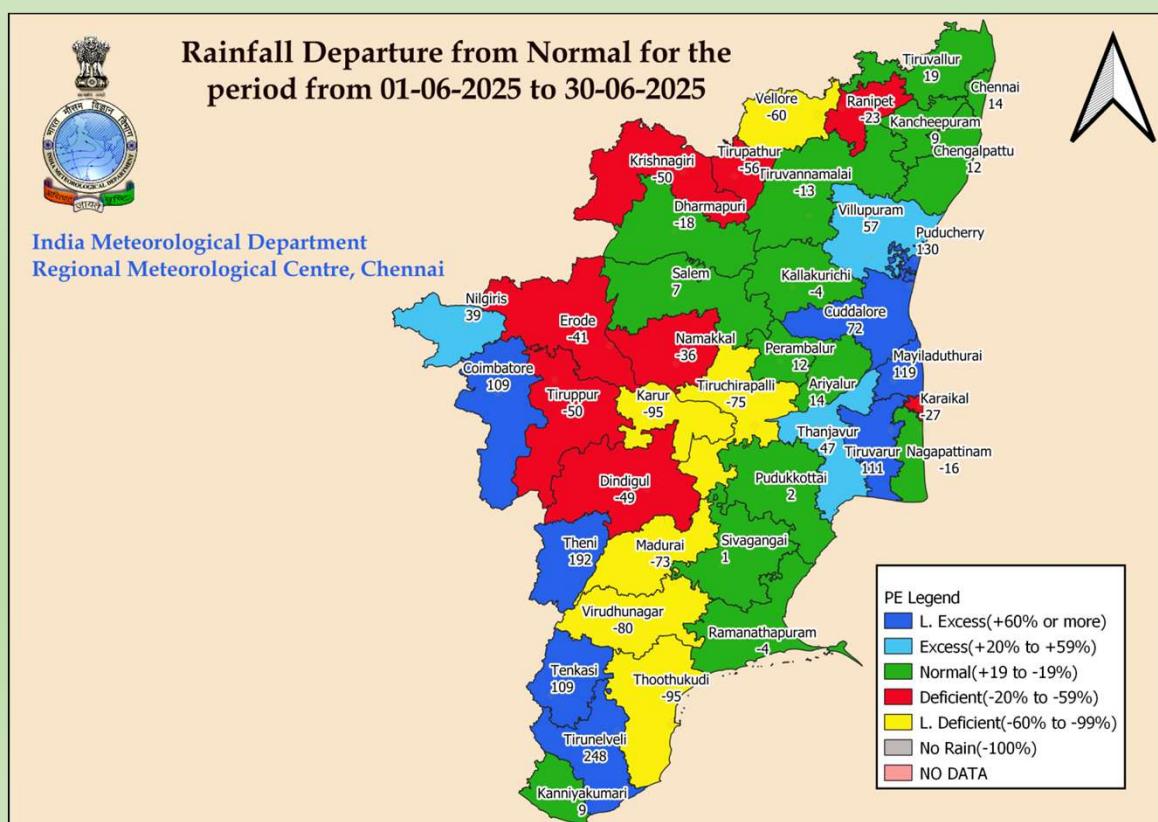
[59.4 mm against the normal of 50.8 mm → Normal(+17%)]

- ✓ Highest total rainfall:

Chinnakalar (ghat areas of Coimbatore district) : 148 cm

Avalanche (Nilgiris district) : 138 cm

- ✓ Highest maximum temperature: 41.5°C at Madurai Airport on 22nd
- ✓ Lowest minimum temperature: **Plains:** 19.6°C at Adiramapattinam on 23rd ; **Hilly areas:** 9.9°C at Kodaikanal on 02nd.



JULY 2025

- ✓ Rainfall at a few places during 17th-24th; at *isolated* places on all the other days.
- ✓ *Active –vigorous* monsoon conditions over the western ghat districts on 17th, 23rd, 25th, 27th & 28th.
- ✓ **Heavy to very heavy** rainfall at *isolated* places over **Nilgiris** on 17th & 26th; **Heavy rain** at isolated places over **Nilgiris** on 03rd, 20th & 25th and over **ghat areas of Coimbatore** district on 17th, 20th, 24th-26th & over **ghat areas of Tirunelveli** district on 25th & 26th.
- ✓ Isolated thunderstorms on a few days during the month
- ✓ **Subdivisional rainfall: Deficient** rainfall during the month

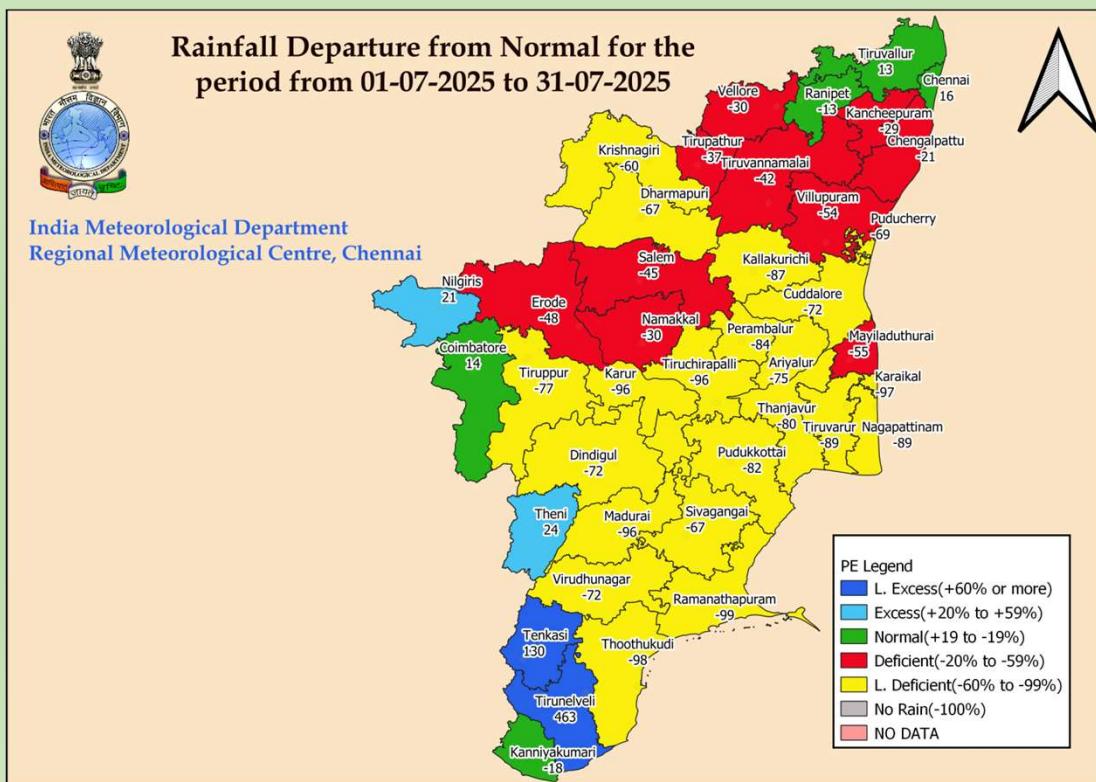
[45.4 mm against the normal of 69.0 mm → Deficient (-34%)]

Highest total rainfall:

Chinnakalar (ghat areas of Coimbatore district) : 124 cm

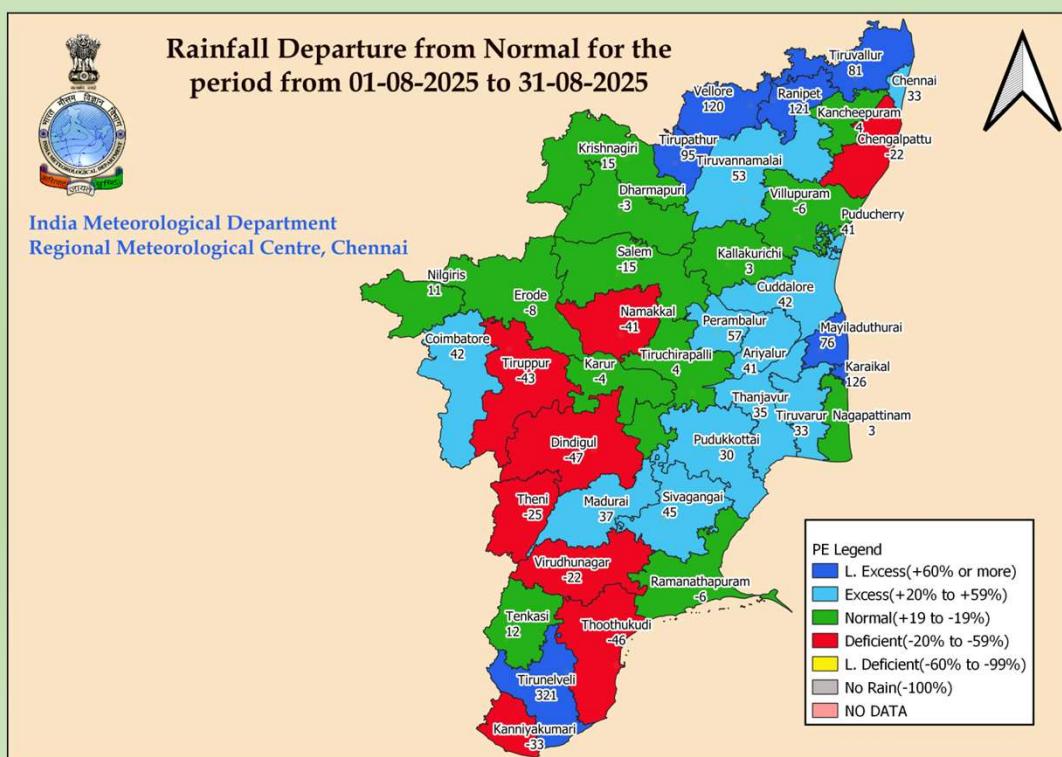
Avalanche (Nilgiris district) : 109 cm

- ✓ Highest maximum temperature: 41.5°C at Madurai Airport on 13th.
- ✓ Lowest minimum temperature: Plains: 20.4°C Kanyakumari on 26rd ; Hilly areas: 9.3°C at Kodaikanal on 29th



AUGUST 2025

- ✓ Rainfall at many places on 05th & 11th; at a few places during 02nd-04th; 06th, 09th, 16th-18th & 31st; at *isolated* places on all the other days.
- ✓ Monsoon *vigorous* over Tamilnadu on 05th & 11th; & over North Tamilnadu on 09th. Active – Vigorous monsoon conditions over North Coastal Tamilnadu on 02nd & 30th.
- ✓ *Active* monsoon conditions over the western ghat districts on 03rd, 06th, 09th, 16th, 18th & 29th and over Delta districts on 06th.
- ✓ **Cloud burst** over Manali area & neighbourhood (Chennai district) on 31st. **Heavy to extremely heavy** rainfall over Chennai district on 31st [Manali (Chennai district): 27 cm]
- ✓ Isolated thunderstorms on many days during the month
- ✓ **Subdivisional rainfall:** *Excess* rainfall during the month [109.7 mm against the normal of 90.1 mm → *Excess* (+22%)]
- ✓ **Highest total rainfall:** Chinnakalar (ghat areas of Coimbatore district) : 110 cm
Valparai (ghat areas of Coimbatore district) : 78 cm
- ✓ **Highest maximum temperature:** 41.3°C at Madurai Airport on 01st.
- ✓ **Lowest minimum temperature:** Plains: 18.5°C at Karur Paramathi on 07th ;
- ✓ **Hilly areas:** 9.7°C at Kodaikanal on 20th

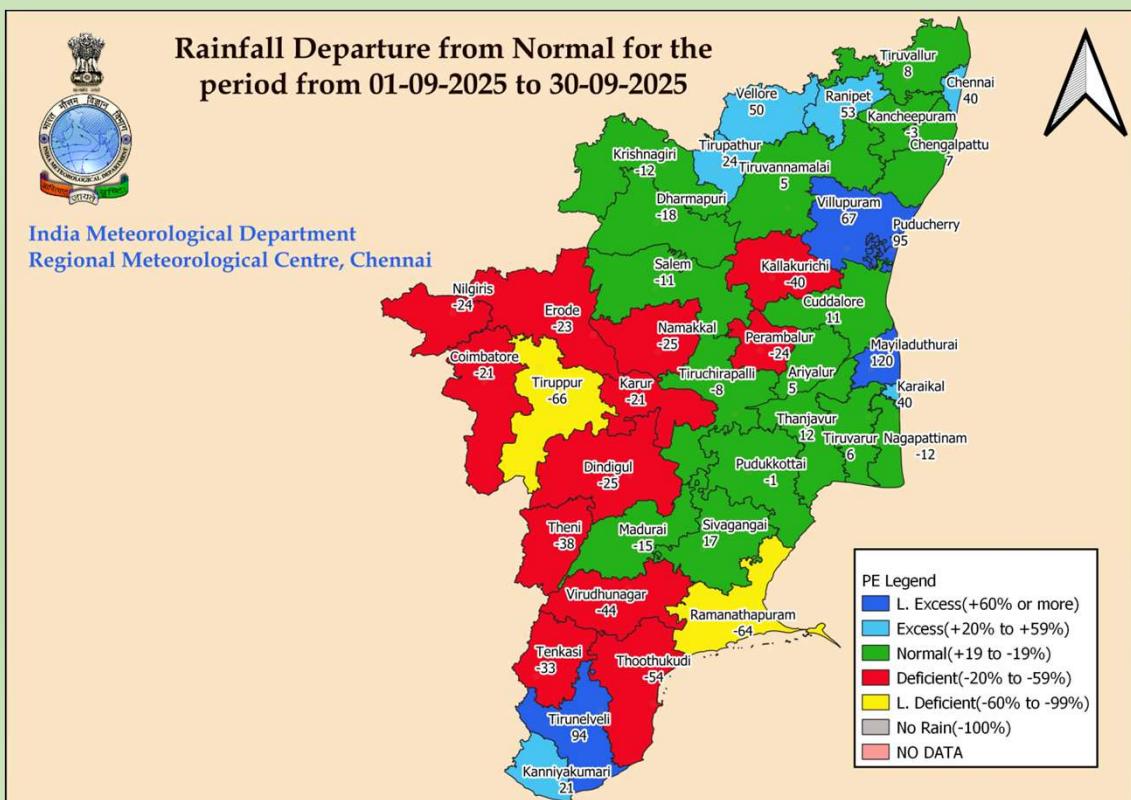


SEPTEMBER 2025

- ✓ Rainfall at many places on 18th, 19th & 26th; at a few places during 07th, 08th, 11th, 12th, 17th, 20th-22nd; at *isolated* places on all the other days.
- ✓ Monsoon active-*vigorous* over Tamilnadu on 18th, 19th & 26th; over North Tamilnadu on 09th. Active monsoon conditions over North Tamilnadu on 20th; over Interior Tamilnadu on 11th; & North Coastal Tamilnadu on 08th, 12th & 17th.
- ✓ *Isolated heavy* to **very heavy** rainfall over Chennai district on 16th & 17th; over Cuddalore district on 19th & 26th; over Kancheepuram district on 17th; over Kanyakumari and Tirunelveli districts on 26th; over Karur & Madurai districts on 11th; over Tirupathur, Tiruvannamalai & Villupuram districts on 19th.
- ✓ Isolated thunderstorms on many days during the month
- ✓ **Subdivisional rainfall:** *Normal* rainfall during the month [111.7 mm against the normal of 118.7 mm → **Normal (-6%)**]
- ✓ **Highest total rainfall:** Chinnakalar (ghat areas of Coimbatore district) : 51 cm

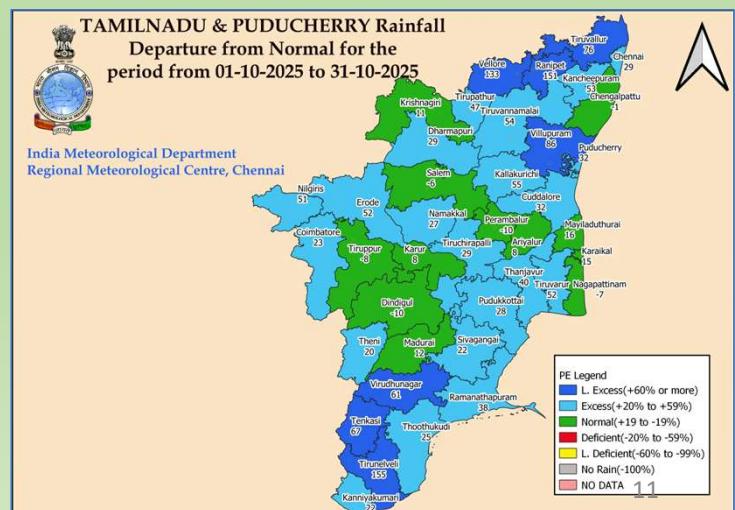
Pandalur (Nilgiris district) : 44 cm

- ✓ **Highest maximum temperature:** 40.5°C at Madurai Airport on 03rd.
- ✓ **Lowest minimum temperature:** Plains: 19.0°C at Karur Paramathi on 10th & 11th;
- ✓ **Hilly areas:** 9.6°C at Kodaikanal & Udhagamandalam on 14th.



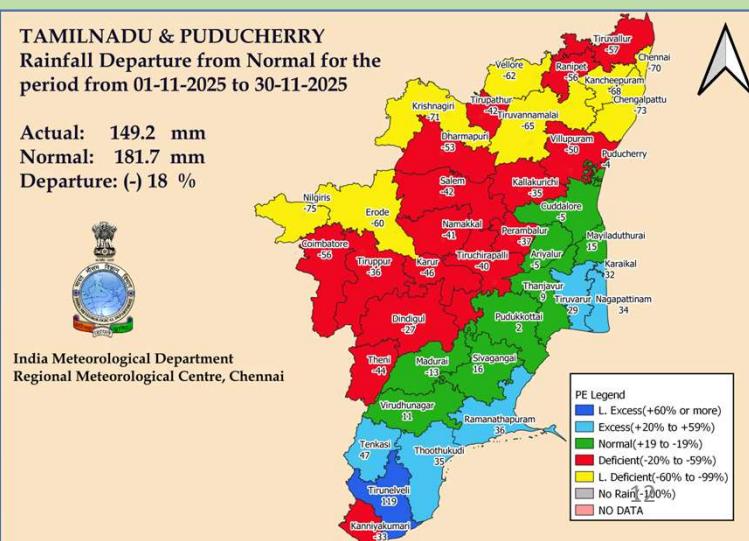
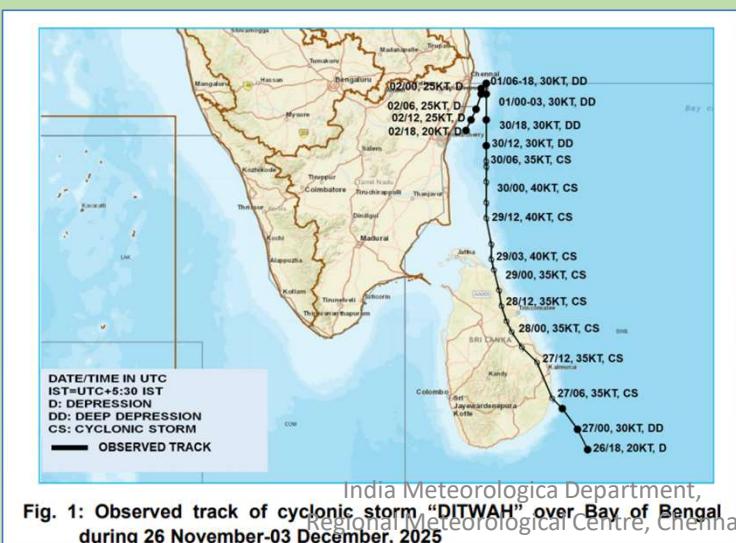
OCTOBER 2025

- ✓ **Southwest monsoon withdrew from the entire country on 16th & simultaneously, Northeast monsoon commenced over Tamilnadu-Puducherry-Karaikal & adjoining subdivisions on 16th.**
- ✓ Rainfall at most places on 15th, 17th-19th, 21st-23rd; at many places on 04th, 06th, 12th, 14th, 16th & 20th; at a few places during 05th, 07th, 09th, 10th, 24th – 26th, 28th & 29th; at *isolated* places on all the other days.
- ✓ **Southwest monsoon vigorous over Tamilnadu on 04th, 06th, 12th & 15th; & over South Tamilnadu on 05th.**
- ✓ **Northeast monsoon active-vigorous over Tamilnadu on 16th-23rd; active monsoon conditions over South Tamilnadu on 24th & 25th; and over South Coastal Tamilnadu on 26th.**
- ✓ **Deep Depression** over Bay of Bengal during 01th-03rd; crossed Odisha coast close to Gopalpur on 02nd.
- ✓ **Severe Cyclonic Storm MONTHA** over Bay of Bengal during 25th-30th; crossed Andhra Pradesh & Yanam coasts close to Narasapur on 28th midnight.
- ✓ **Isolated heavy to very heavy rainfall** on 01-04 days over Chennai, Cuddalore, Kancheepuram, Kallakurichi, Trichy, Madurai, Ranipet, Theni, Nilgiris, Thiruvarur, Thoothukudi, Tirunelveli & Tiruvallur districts & over Puducherry area.
- ✓ Isolated thunderstorms on many days during the month
- ✓ **Subdivisional rainfall: Excess** rainfall during the month [233.9 mm against the normal of 171.9 mm → Excess(+36%)]
- ✓ **Highest total rainfall:** Nalumukku (ghat areas of Tirunelveli district) : 105 cm
- ✓ **Highest maximum temperature:** 39.5°C at Palayamkottai on 03rd.
- ✓ **Lowest minimum temperature:** Plains: 17.8°C at Karur Paramathi on 12th;
- ✓ **Hilly areas:** 8.9°C at Kodaikanal on 26th.



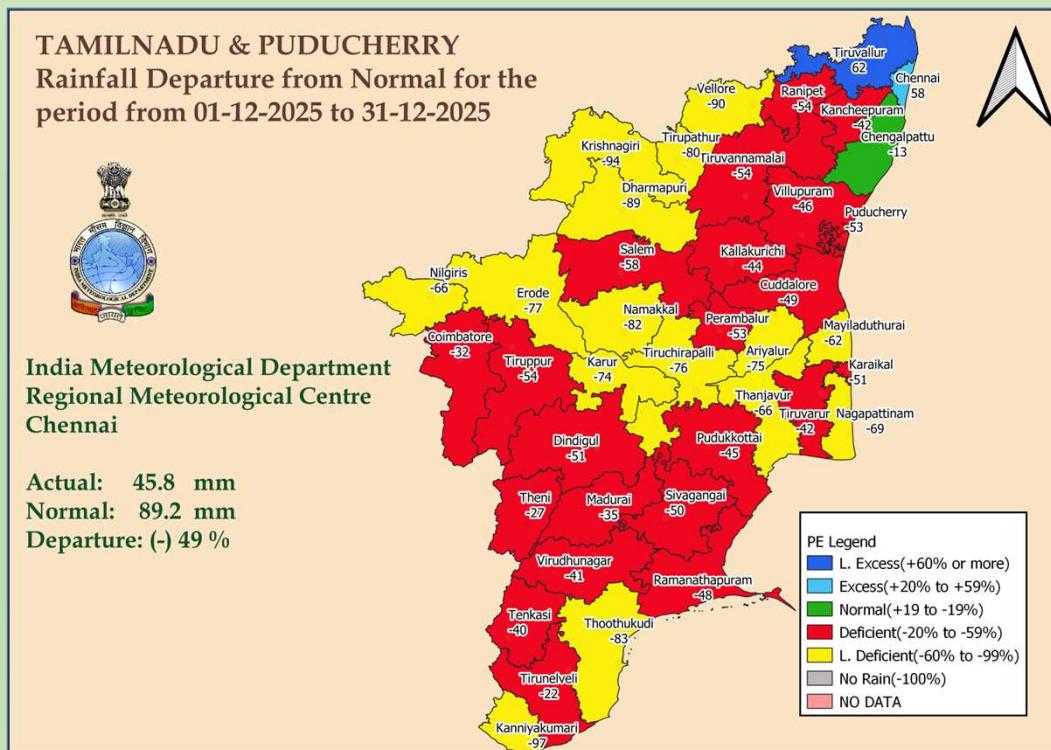
NOVEMBER 2025

- ✓ Rainfall at most places on 19th, 22nd-24th & 30th; at many places on 18th, 25th & 29th, at a few places during 06th & 07th, at *isolated* places on all the other days.
- ✓ **Northeast monsoon active-vigorous** over Tamilnadu on 18th, 19th, 22nd-24th & 30th; **active monsoon conditions** over South Tamilnadu on 25th; and over Coastal Tamilnadu on 29th.
- ✓ **Low Pressure Area** over Southwest Bay of Bengal – Comorin-Lakshadweep areas – Southeast Arabian Sea during 15th-25th.
- ✓ **Cyclonic storm DITWAH** over Bay of Bengal during 26th Nov – 03rd Dec; crossed Sri Lanka coast on 27th; re-emerged into Bay of Bengal & moved close to & parallel to North Tamilnadu-Puducherry-Karaikal coasts during 29th Nov -01st Dec and weakened into a Depression on 02nd early morning off North Tamilnadu coast.
- ✓ *Isolated heavy to very heavy* rain with **extremely heavy** rain at *one or two* places over **Tirunelveli** district on 19th, 23rd & 24th; over **Cuddalore** district on 24th; over **Nagapattinam** district on 29th Nov; over **Mayiladuthurai** district on 30th.
- ✓ Isolated **heavy to very heavy** rainfall on 01-04 days over Kanyakumari, Nagapattinam, Sivagangai, Tirunelveli, Tenkasi, Thanjavur, Tiruvarur & Ramanathapuram districts and Karaikal area.
- ✓ Isolated thunderstorms on a few days during the month
- ✓ **Subdivisional rainfall: Normal** rainfall during the month
- ✓ [149.2 mm against the normal of 181.7 mm → Normal (-18%)]
- ✓ **Highest total rainfall:** Oothu (ghat areas of Tirunelveli district) : 149 cm
- ✓ **Highest maximum temperature:** 37.6°C at Madurai Airport on 04th.
- ✓ **Lowest minimum temperature:** Plains: 16.0°C at Thoothukudi on 30th;
- ✓ **Hilly areas:** 6.5°C at Kodaikanal on 28th.

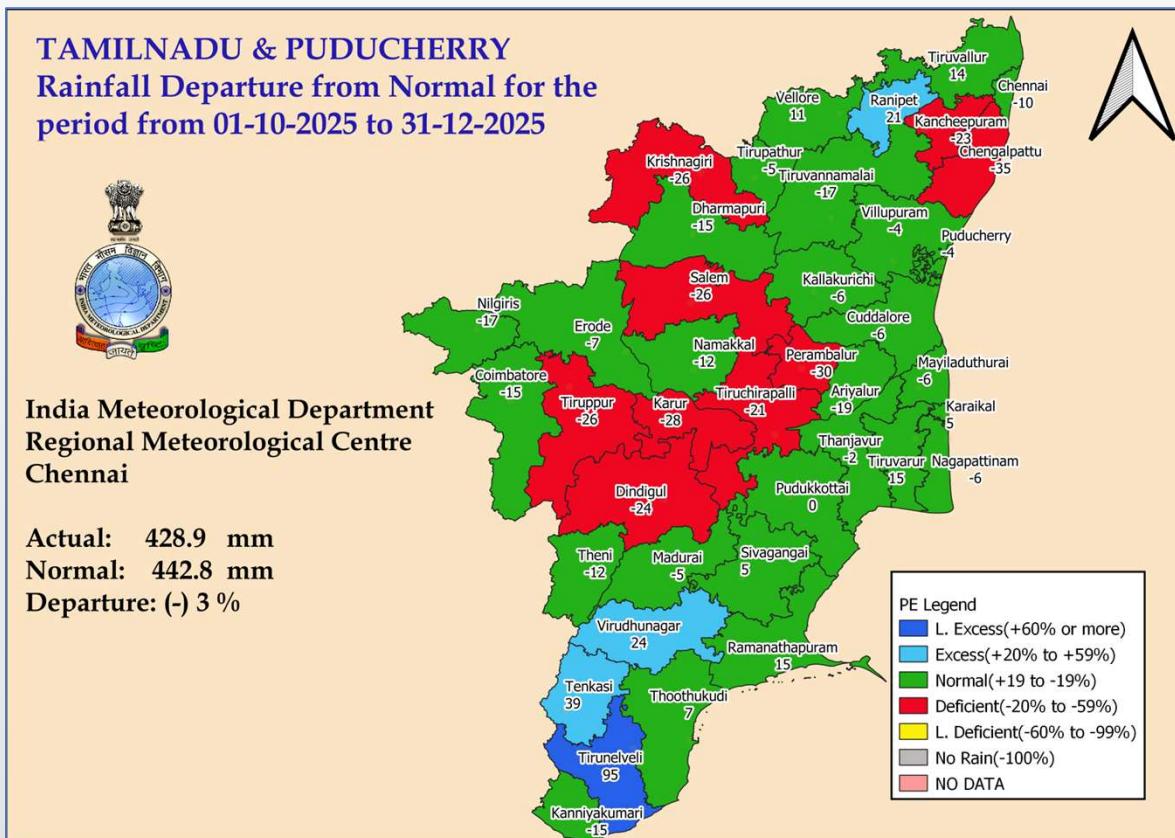


DECEMBER 2025

- ✓ Rainfall at many places on 03rd, 04th & 17th; at a few places on 01st, 02nd, 05th & 06th, at *isolated* places on 07th-13th, 16th, 18th-23rd, 25th-27th & 31st; and Dry weather prevailed on 14th, 15th, 19th-22nd, 24th & 28th-30th.
- ✓ **Northeast monsoon** active-vigorous over Tamilnadu on 03rd, 04th& 17th; *active* monsoon conditions over South Tamilnadu on 06th.
- ✓ **Heavy to very heavy** rain at *many/ a few* places with **extremely heavy** rain at *isolated* places over **Chennai** district on 02nd & 04th; *Isolated heavy to very heavy* rain with **extremely heavy** rain at *one or two* places over Tiruvallur district on 02nd.
- ✓ *Isolated heavy to very heavy* rainfall over Chennai, Chengalpattu, Thiruvannamalai and Pudukkottai districts on 03rd; over Tiruvallur district on 03rd & 04th; & over ghat areas of Tirunelveli district on 18th.
- ✓ **Subdivisional rainfall: Deficient** rainfall during the month
- ✓ [45.8 mm against the normal of 89.2 mm → **Deficient (-49%)**]
- ✓ **Highest maximum temperature**: 34.6°C at **Madurai Airport** on 31st.
- ✓ **Lowest minimum temperature**: **Plains**: 15.0°C at **Tirupattur** on 21st;
- ✓ **Hilly areas**: 4.2°C at **Udhagamandalam** on 26th & 28th.



Northeast Monsoon seasonal rainfall



Annual rainfall

