

	<p style="text-align: center;"><b>இந்திய அரசு</b> இந்திய வானிலை ஆய்வு துறை மண்டல வானிலை ஆய்வு மையம் 6, கல்லூரி சாலை, சென்னை - 600006 தொலைபேசி : 044- 28271951</p>		<p style="text-align: center;"><b>GOVERNMENT OF INDIA</b> INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai - 600006 Phone: 044- 28271951</p>
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<b>DATE: 10/22/2024</b>	<b>Time of Issue: 2030 Hrs IST</b>
<b>FROM: AREA CYCLONE WARNING CENTRE, CHENNAI (044-28271951)</b>	
<b>TO: Commissioner of Revenue Administration (Tamil Nadu)</b>	
Commissioner of Greater Chennai Corporation	
IS - Inspector control room	
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### **SYNOPTIC METEOROLOGICAL FEATURE:**

The **Depression** over Eastcentral Bay of Bengal moved westnorthwestwards with a speed of 7 kmph during past 6 hours, intensified into a **Deep Depression** and lay centred at 1730 hrs IST of today, the 22<sup>nd</sup> October, over the same region near latitude 15.6° N and longitude 90.9°E, about 690 km southeast of Paradip (Odisha), 740 km south-southeast of Sagar Island (West Bengal) and 710 km south-southeast of Khepupara (Bangladesh).

It is very likely to move west-northwestwards and intensify into a **Cyclonic storm** by 23<sup>rd</sup> October, 2024 over eastcentral Bay of Bengal. Thereafter, continuing to move northwestwards, it is very likely to intensify into a **Severe Cyclonic storm** over northwest Bay of Bengal by morning of 24<sup>th</sup> and cross north Odisha and West Bengal coasts between Puri and Sagar Island during night of 24<sup>th</sup> to morning of 25<sup>th</sup> October, 2024 as a severe Cyclonic Storm with a wind speed of 100-110 kmph gusting 120 kmph.

Morning's trough from the centre of **Depression** over Eastcentral Bay of Bengal to south Tamil Nadu coast extending upto 1.5 km above mean sea level persists.

Morning's upper air cyclonic circulation over Eastcentral Arabian Sea off Karnataka coast extending between 1.5 km and 5.8 km above mean sea level persists.

### **FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS**

<b>Day 1 (22.10.2024)</b>	Light to moderate rain at a few places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. <b>Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Tiruppur, Theni, Dindigul, Salem, Namakkal, Dharmapuri and Krishnagiri districts.</b>
<b>Day 2 (23.10.2024)</b>	Light to moderate rain at a few places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. <b>Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Theni, Erode, Salem, Namakkal, Krishnagiri, Dharmapuri and Tirupattur districts.</b>
<b>Day 3 (24.10.2024)</b>	Light to moderate rain at a few places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
<b>Day 4 (25.10.2024)</b>	Light to moderate rain at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
<b>Day 5 (26.10.2024)</b>	Light to moderate rain at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
<b>Outlook for subsequent two days</b>	
<b>Day 6 (27.10.2024)</b>	Light to moderate rain at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area.
<b>Day 7 (28.10.2024)</b>	Light to moderate rain is likely to occur at one or two places over Tamilnadu,

	Puducherry and Karaikal area.
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HEAVY RAINFALL WARNING	
Day 1 (22.10.2024)	Heavy rain is likely to occur at isolated places over <b>Nilgiris, Coimbatore, Erode, Tiruppur, Theni, Dindigul, Salem, Namakkal, Dharmapuri and Krishnagiri districts.</b>
Day 2 (23.10.2024)	Heavy rain is likely to occur at isolated places over <b>Nilgiris, Coimbatore, Tiruppur, Dindigul, Theni, Erode, Salem, Namakkal, Krishnagiri, Dharmapuri and Tirupattur districts.</b>

THUNDERSTORM WARNING	
Day 1 (22.10.2024) to Day 3 (24.10.2024)	Thunderstorm with lightning is likely to occur at one or two places over <b>Tamilnadu, Puducherry and Karaikal area.</b>

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD	
For next 24 hours	Sky condition is likely to be partly cloudy. Light/Moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum temperature is likely to be <b>34-35°C</b> and Minimum temperature is likely to be <b>26-27°C</b> .
For next 48 hours	Sky condition is likely to be partly cloudy. Light/Moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum temperature is likely to be <b>34-35°C</b> and Minimum temperature is likely to be <b>26-27°C</b> .

P. SENTHAMARAI KANNAN

SCIENTIST ‘F’

For Deputy Director General of Meteorology,

Regional Meteorological Centre, Chennai.

<b>North Tamil Nadu (NTN) districts</b>	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.
<b>South Tamil Nadu (STN) districts</b>	Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram, Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari.
<b>Interior Tamil Nadu (ITN) districts</b>	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
<b>North interior Tamil Nadu (NITN) districts</b>	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur and Perambalur.
<b>South interior Tamil Nadu (SITN) districts</b>	Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
<b>Coastal Tamil Nadu (CTN) districts</b>	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
<b>North Coastal Tamil Nadu (NCTN) districts</b>	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai.
<b>South Coastal Tamil Nadu (SCTN) districts</b>	Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
<b>Delta districts</b>	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and Karaikal area.
<b>Delta and Adjoining districts</b>	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Karaikal and Tiruchirapalli, Perambalur, Ariyalur, Cuddalore.
<b>Western Ghat districts</b>	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar
<b>PDC</b>	Puducherry and Karaikal

For more details visit [www.mausam.imd.gov.in/chennai](http://www.mausam.imd.gov.in/chennai)