

	<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>
-----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DATE: 18 October 2024	Time of Issue: 2030 Hrs IST
------------------------------	------------------------------------

FROM: AREA CYCLONE WARNING CENTRE, CHENNAI (044-28271951)
TO: Commissioner of Revenue Administration (Tamil Nadu)
 Commissioner of Greater Chennai Corporation
 IS - Inspector control room
 (CRA: 044-28410577 / Fax: 044-23452363)
Email: tnstateeoc1@gmail.com, tn.relief@gmail.com, iscrcni@gmail.com,
tndrf.operations@gmail.com,
commissioner@chennaicorporation.gov.in, tndgpcontrolroom@gmail.com

SYNOPTIC METEOROLOGICAL FEATURE:

Under the influence of the cyclonic circulation over Eastcentral Arabian Sea, a **low pressure area** has formed over the same region at 1730 IST of today, 18th October, 2024 and the associated cyclonic circulation extends upto 5.8 km above mean sea level. It is likely to move west-northwestwards away from Indian coast and become more marked during next 2 days.

Morning's **trough** from the cyclonic circulation over Eastcentral Arabian Sea to South Andhra Pradesh coast now runs from the centre of above low pressure area over Eastcentral Arabian Sea to South Andhra Pradesh coast across South Karnataka & Rayalaseema and extends upto 3.1 km above mean sea level.

A fresh **upper air cyclonic circulation** very likely to form over North Andaman Sea around 20th October. Under its influence, a low pressure area is likely to form over Central Bay of Bengal around 22nd October, thereafter, it is likely to move northwestwards and intensify further into a depression by 24th October.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (18.10.2024)	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. Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipet, Tiruvannamalai, Chengalpattu, Kancheepuram, Mayiladuthurai, Nagapattinam, Tiruvarur, Erode, Krishnagiri, Dharmapuri, Salem, Villuppuram, Cuddalore and Kallakurichi districts, Puducherry and Karaikal area.
Day 2 (19.10.2024)	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.
Day 3 (20.10.2024)	Light to moderate rain at many places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipet, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Erode, Kallakurichi, Tiruchirappalli, Pudukkottai, Sivaganga, Dindigul and Madurai districts.
Day 4 (21.10.2024)	Light to moderate rain at many places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Vellore, Ranipet, Tiruvannamalai, Kallakurichi, Perambalur, Ariyalur, Cuddalore, Villuppuram, Tiruchirappalli, Thanjavur and Pudukkottai districts and Puducherry.

Day 5 (22.10.2024)	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.
Outlook for subsequent two days	
Day 6 (23.10.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area.
Day 7 (24.10.2024)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Ariyalur, Perambalur and Ramanathapuram districts and Karaikal area.

HEAVY RAINFALL WARNING	
Day 1 (18.10.2024)	Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipet, Tiruvannamalai, Chengalpattu, Kancheepuram, Mayiladuthurai, Nagapattinam, Tiruvarur, Erode, Krishnagiri, Dharmapuri, Salem, Villuppuram, Cuddalore and Kallakurichi districts, Puducherry and Karaikal area.
Day 3 (20.10.2024)	Heavy rain is likely to occur at isolated places over Tirupattur, Vellore, Ranipet, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Erode, Kallakurichi, Tiruchirappalli, Pudukkottai, Sivaganga, Dindigul and Madurai districts.
Day 4 (21.10.2024)	Heavy rain is likely to occur at isolated places over Vellore, Ranipet, Tiruvannamalai, Kallakurichi, Perambalur, Ariyalur, Cuddalore, Villuppuram, Tiruchirappalli, Thanjavur and Pudukkottai districts and Puducherry.
Day 7 (24.10.2024)	Heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Ariyalur, Perambalur and Ramanathapuram districts and Karaikal area.

THUNDERSTORM WARNING	
Day 1 (18.10.2024) to Day 5 (22.10.2024)	Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

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 around 31°C and Minimum temperature is likely to be 25-26°C .
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 32-33°C and Minimum temperature is likely to be 25-26°C .

P. SENTHAMARAI KANNAN
SCIENTIST 'F'
 For Deputy Director General of Meteorology,
 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

For more details visit www.mausam.imd.gov.in/chennai