



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை,
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
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DATE: 12 October 2024 **Time of Issue: 2030 Hrs IST**

FROM: AREA CYCLONE WARNING CENTRE, CHENNAI (044-28271951)
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Commissioner of Greater Chennai Corporation
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Synoptic Meteorological Features:

Morning's **Well Marked Low pressure area** over eastcentral Arabian Sea with the associated cyclonic circulation extending upto 5.8 km above mean sea level persists over the same region at 1200 UTC of today, the 12th October 2024. It is likely to move west-northwestwards and intensify into a **Depression** over central Arabian Sea by morning of 13th October 2024.

Morning's **trough** from centre of the **Well Marked Low pressure area** over eastcentral Arabian sea to north Sri Lanka across Coastal Karnataka, Tamil Nadu extending upto 1.5 km above mean sea level persists.

Morning's **upper air cyclonic circulation** over southwest Bay of Bengal extending upto 3.1 km above mean sea level persists.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

Day 1 (12.10.2024)	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 Ghat areas of Coimbatore; Nilgiris, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Ariyalur, Perambalur districts and Karaikal area.
Day 2 (13.10.2024)	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 Ghat areas of Tiruppur, Coimbatore; Nilgiris, Dindigul, Theni, Madurai, Virudhunagar, Pudukkottai, Sivaganga and Ramanathapuram districts.
Day 3 (14.10.2024)	Light to moderate rain at most places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Villupuram, Cuddalore districts and Puducherry. Heavy rain is likely to occur at isolated places over Nagapattinam, Thanjavur, Tiruvarur, Kancheepuram, Chennai, Tiruvallur, Kallakurichi, Tiruvannamalai, Ariyalur, Chengalpattu, Mayiladuthurai districts and Karaikal area.
Day 4 (15.10.2024)	Light to moderate rain at most places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Tiruvallur, Chennai, Kancheepuram and Chengalpattu districts. Heavy rain is likely to occur at isolated places over Cuddalore, Villupuram, Kallakurichi, Tiruvannamalai districts and Puducherry.
Day 5 (16.10.2024)	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 to very heavy rain is likely to occur at isolated places over Vellore, Ranipet and Tiruvallur districts. Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore; Nilgiris, Erode, Dharmapuri, Tirupattur, Kancheepuram, Chennai, Krishnagiri, Salem and Tiruvannamalai districts.
Outlook for subsequent two days	
Day 6 (17.10.2024)	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 Nilgiris, Erode, Salem, Dharmapuri, Krishnagiri and Tirupattur districts.
Day 7 (18.10.2024)	Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

HEAVY RAINFALL WARNING	
Day 1 (12.10.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore; Nilgiris, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Ariyalur and Perambalur districts and Karaikal area.
Day 2 (13.10.2024)	Heavy rain is likely to occur at isolated places over Ghat areas of Tiruppur, Coimbatore; Nilgiris, Dindigul, Theni, Madurai, Virudhunagar, Pudukkottai, Sivaganga and Ramanathapuram districts.
Day 3 (14.10.2024)	Heavy to very heavy rain is likely to occur at isolated places over Villupuram, Cuddalore districts and Puducherry.
	Heavy rain is likely to occur at isolated places over Nagapattinam, Thanjavur, Tiruvarur, Kancheepuram, Chennai, Tiruvallur, Kallakurichi, Tiruvannamalai, Ariyalur, Chengalpattu and Mayiladuthurai districts and Karaikal area.
Day 4 (15.10.2024)	Heavy to very heavy rain is likely to occur at isolated places over Tiruvallur, Chennai, Kancheepuram and Chengalpattu districts.
	Heavy rain is likely to occur at isolated places over Cuddalore, Villupuram, Kallakurichi, Tiruvannamalai districts and Puducherry.
Day 5 (16.10.2024)	Heavy to very heavy rain is likely to occur at isolated places over Vellore, Ranipet and Tiruvallur districts.
	Heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore; Nilgiris, Erode, Dharmapuri, Tirupattur, Kancheepuram, Chennai, Krishnagiri, Salem and Tiruvannamalai districts.
Day 6 (17.10.2024)	Heavy rain is likely to occur at isolated places over Nilgiris, Erode, Salem, Dharmapuri, Krishnagiri and Tirupattur districts.

THUNDERSTORM WARNING	
Day 1 (12.10.2024) to Day 5 (16.10.2024)	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. Moderate rain with thunderstorm & lightning is likely to occur in some areas. Maximum temperature is likely to be around 32°C and Minimum temperature is likely to be 25-26°C.
For next 48 hours	Sky condition is likely to be partly cloudy. 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.

LEGEND

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

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

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

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