

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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DATE: 7 December 2022

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
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Significant Met Feature:

Morning's Deep Depression over Southwest & adjoining Southeast Bay of Bengal moved west-northwestwards with a speed of 10 kmph during past 06 hours and lay centered at 1730 hours IST of today, the 07th December, 2022 over Southwest and adjoining Southeast Bay of Bengal, near latitude 8.9°N and longitude 85.0°E, about 410 km east of Trincomalee (Sri Lanka), about 550 km east of Jaffna (Sri Lanka), about 610 km east-southeast of Karaikal and about 700 km southeast of Chennai. It is very likely to move west-northwestwards and intensify further gradually into a Cyclonic Storm and reach Southwest Bay of Bengal off north Tamilnadu - Puducherry & adjoining south Andhra Pradesh coasts by 08th December morning. It will continue to move west-northwestwards and cross north Tamilnadu, Puducherry and adjoining south Andhra Pradesh coast between Puducherry and Sriharikota with a maximum sustained wind speed of 65-75 kmph gusting to 85 kmph around early hours of 10th December.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(07-12-2022)	Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.
Day 2(08-12-2022)	Light to moderate rain at many places is likely to occur over coastal Tamilnadu, Puducherry & Karaikal area. Light to moderate rain at a few places is likely to occur over interior Tamilnadu. Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur and Pudukkottai districts of Tamilnadu and Karaikal. Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Kallakurichi, Perambalur, Ariyalur, Tiruchirappalli, Sivaganga and Ramanathapuram districts of Tamilnadu and Puducherry.
Day 3(09-12-2022)	Light to moderate rain at most places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy to very heavy rain at a few places with extremely heavy falls at one or two places is likely to occur over Kancheepuram, Chengalpattu and Villupuram districts of Tamilnadu and Puducherry. Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu. Heavy rain is likely to occur at isolated

	places over Dharmapuri, Salem, Namakkal, Karur, Tiruchirappalli, Perambalur, Ariyalur, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Sivaganga, Madurai and Dindigul districts of Tamilnadu and Karaikal.
Day 4(10-12-2022)	Light to moderate rain at many places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Krishnagiri, Dharmapuri, Tirupattur, Vellore, Ranipet, Tiruvannamalai, Chengalpattu, Kancheepuram, Chennai and Tiruvallur districts of Tamilnadu. Heavy rain is likely to occur at isolated places over Nilgiris, Erode, Salem, Kallakurichi and Villupuram districts of Tamilnadu and Puducherry.
Day 5(11-12-2022)	Light to moderate rain at many places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry & Karaikal area. Heavy rain is likely to occur at isolated places over Tiruvallur, Kancheepuram, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Krishnagiri, Dharmapuri, Kallakurichi, Salem, Namakkal, Erode, Karur, Tiruchirappalli, Nilgiris, Coimbatore, Tiruppur, Dindigul, Theni, Madurai, Virudhunagar and Tenkasi districts of Tamilnadu.

WIND WARNING	
Day 2 (08-12-2022)	Strong winds speed reaching 40-50 kmph gusting to 60 kmph likely to prevail along coastal Tamilnadu, Puducherry & Karaikal.
Day 3 (09-12-2022)	Strong winds speed reaching 50-60 kmph gusting to 70 kmph likely to prevail over northern parts of coastal Tamilnadu, Puducherry & Karaikal from morning; wind speed will gradually increase to gale wind speed of the order of 60-70 kmph gusting to 80 kmph by the evening and continue till 10 th morning. Strong winds speed reaching 40-50 kmph gusting to 60 kmph likely over southern parts of coastal Tamilnadu.

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD:

For next 24 HRS: Sky condition is likely to be generally cloudy. Light/moderate rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around 29-30°C and 23-24°C respectively.

For next 48 HRS: Sky condition is likely to be generally cloudy. Moderate rain is likely to occur in some areas. Maximum and minimum temperature is likely to be around 29°C and 23°C respectively.

P. SENTHAMARAI KANNAN
SCIENTIST 'E'
For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

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

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)
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.