

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: 8 December 2022

Time of Issue: 2100 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 Cyclonic Storm "Mandous" pronounced as "ManDous" over Southwest Bay of Bengal moved nearly west-northwestwards, intensified into a **Severe Cyclonic Storm** and lay centered at 1200 UTC of today, the 08th December, 2022 over Southwest Bay of Bengal near latitude 10.1°N and longitude 82.9°E, about 250 km northeast of Trincomalee (Sri Lanka), 320 km eastnortheast of Jaffna (Sri Lanka), 350 km eastsoutheast of Karaikal and about 440 km southeast of Chennai. It is very likely to maintain its intensity of **Severe Cyclonic Storm** till early morning of 9th December and then weaken gradually into a **Cyclonic Storm** by forenoon of 9th December. It would continue to move westnorthwestwards and cross north Tamilnadu, Puducherry and adjoining south Andhra Pradesh coasts between Puducherry and Sriharikota, around Mahabalipuram as a cyclonic storm with a maximum sustained wind speed of 6575 kmph gusting to 85 kmph around midnight of 09th December.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT FIVE DAYS

Day 1(08-12-2022)	Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry & Karaikal area. Heavy to very heavy rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Thanjavur, Tiruvarur, Nagapattinam 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 2(09-12-2022)	Light to moderate rain is likely to occur at most places over Tamilnadu, Puducherry & Karaikal area. Heavy to very heavy rain at a few places with extremely heavy rain 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 Tiruvallur, Chennai, Ranipet, Vellore, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu. Heavy rain is likely to occur at isolated places over Dharmapuri, Salem, Namakkal, Tiruchirappalli, Perambalur, Ariyalur, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Karur, Dindigul, Madurai and Sivaganga districts of Tamilnadu and Karaikal.

Day 3(10-12-2022)	<p>Light to moderate rain is likely to occur at many places over Tamilnadu, Puducherry & Karaikal area.</p> <p>Heavy to very heavy rain is likely to occur at isolated places over Tiruvallur, Chennai, Kancheepuram, Chengalpattu, Ranipet, Vellore, Tiruvannamalai, Tirupattur, Krishnagiri and Dharmapuri districts of Tamilnadu.</p> <p>Heavy rain is likely to occur at isolated places over Villupuram, Kallakurichi, Salem, Erode and Nilgiris districts of Tamilnadu and Puducherry.</p>
Day 4(11-12-2022)	Light to moderate rain at many places with isolated thunderstorm & lightning rain is likely to occur over Tamilnadu, Puducherry & Karaikal area.
Day 5(12-12-2022)	Light to moderate rain at a few places with isolated thunderstorm & lightning is likely to occur over Tamilnadu, Puducherry & Karaikal area.

WIND WARNING

Day 1(08-12-2022)	Strong winds speed reaching 40-50 kmph gusting to 60 kmph likely to prevail along coastal Tamilnadu, Puducherry & Karaikal.
Day 2(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 early 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. Moderate rain is likely to occur. Strong winds speed reaching 40-50 kmph gusting to 60 kmph.

For next 48 HRS: Sky condition is likely to be generally cloudy. Heavy to very heavy rain is likely to occur. Strong winds speed reaching 50-60 kmph gusting to 70 kmph likely from 09th morning; wind speed would gradually increase to gale wind speed of the order of 60-70 kmph gusting to 80 kmph by the evening till 10th early morning.

P. SENTHAMARAI KANNAN

SCIENTIST 'E'

For Deputy Director General of Meteorology
Regional Meteorological Centre, Chennai

For more details visit www.mausam.imd.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.