

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
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From: REGIONAL METEOROLOGICAL CENTRE, CHENNAI

To:

The Commissioner of Revenue Administration, Govt of Tamilnadu
The Special branch CID, O/o the DGP Campus, Mylapore
The Commissioner of Chennai /IS- INSPECTOR CONTROLROOM /
The Commissioner of Greater Chennai Corporation
(tnstateec1@gmail.com, tn.relief@gmail.com, iscrcni@gmail.com,
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The Commissioner of fisheries
(tnfisheries@nic.in, FisheriesTamilNadu coffisheries@gmail.com)
The Chief Secretary, Puducherry
The Commissioner-cum-Secretary (Revenue), Puducherry
The Special Secretary to Government-cum- District Collector, Puducherry
The District Collector, Karaikal
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Sub: Deep Depression over Bay of Bengal
(Pre-cyclone watch for north Tamilnadu, Puducherry and south Andhra Pradesh coasts)

Yesterday's Depression over southeast Bay of Bengal intensified into **Deep Depression** today (07.12.2022) morning and lay centred at 0830 IST of today, the 07th December, 2022 over **Southwest and adjoining Southeast Bay of Bengal**, near **latitude 8.7°N and longitude 85.7°E**, about 500 km east of Trincomalee (Sri Lanka), about 630 km east-southeast of Jaffna (Sri Lanka), **about 690 km east-southeast of Karaikal and about 770 km east-southeast of Chennai.**

It is very likely to move west-northwestwards and intensify further gradually into a Cyclonic Storm around 07th December evening and reach Southwest Bay of Bengal off north Tamil Nadu-Puducherry & adjoining south Andhra Pradesh coasts by 08th December morning. It will continue to move west-northwestwards towards north Tamil Nadu-Puducherry & adjoining south Andhra Pradesh coasts during subsequent 48 hours.

Under its influence, light to moderate rainfall at most places is very likely over coastal Tamilnadu, Puducherry & Karaikal with heavy to very heavy falls at isolated places on 8th; heavy to very heavy falls at a few places with extremely heavy falls at isolated places over north coastal Tamilnadu, Puducherry and Karaikal on 09th; rainfall at many places with heavy to very heavy falls at isolated places likely over north Tamilnadu 10th December 2022.

(i) Heavy rainfall warning:

Date	Warning
08.12.2022	<p>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 area.</p> <p>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.</p>
09.12.2022	<p>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.</p> <p>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.</p> <p>Heavy rain is likely to occur at isolated places over Dharmapuri, Salem, Namakkal, Karur, Tiruchirappalli, Perambalur, Ariyalur, Mayiladuthurai, Karaikal, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Sivaganga, Madurai and Dindigul districts of Tamilnadu and Karaikal.</p>
10.12.2022	<p>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.</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris, Erode, Salem, Kallakurichi and Villupuram districts of Tamilnadu and Puducherry.</p>

(ii) Wind warning:

(a) over sea:

Sea area	Warning
Southeast Bay of Bengal	Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over southeast Bay of Bengal for next 24 hours and then reduce to 40-45 kmph gusting to 55 kmph on 8th December.
Southwest Bay of Bengal	Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing over southwest Bay of Bengal. It would increase to gale wind speed reaching 70-80 kmph gusting to 90 kmph from 8 th morning and 80-90 kmph gusting to 100 kmph during 8 th evening to 9 th morning. It would decrease thereafter gradually.
along & off Tamilnadu, Puducherry, south	Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely to commence along & off Tamilnadu, Puducherry, south Andhra Pradesh and north Sri Lanka coasts coast from 08 th December

Andhra Pradesh and north Sri Lanka coasts	morning, becoming 50-60 kmph gusting to 70 kmph from 08 th December evening, 70-80 kmph gusting to 90 kmph from 09 th December evening to 10 th December morning. It is likely to reduce gradually to 50-60 kmph gusting to 70 kmph by afternoon of 10 th December and then to 40-50 kmph gusting to 60 kmph by 10 th December night.
Gulf of Mannar	Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely over Gulf of Mannar from 08 th December evening becoming 50-60 kmph gusting to 70 kmph from 09 th December evening to 10 th December morning. It is likely to reduce gradually thereafter.

(b) over coastal land areas of Tamilnadu, Puducherry & Karaikal

08.12.2022	Strong surface wind with speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over coastal areas of Tamilnadu, Puducherry & Karaikal
09.12.2022	Strong surface wind with speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over northern parts of coastal areas of Tamilnadu, Puducherry & Karaikal; wind speed is likely to increase gradually to gale wind speed reaching 60-70 kmph gusting to 80 kmph from the evening and continue till 10 th morning. Strong surface wind with speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over southern parts of coastal Tamilnadu.

(iii) Sea condition

Sea area	Sea condition
Southeast Bay of Bengal	likely to be rough to very rough on 7 th December
Southwest and adjoining areas of Westcentral Bay of Bengal	likely to be rough to very rough till 7 th evening; very rough to high from 07th evening till 10th morning and improve gradually thereafter
along & off Tamil Nadu, Puducherry, South Andhra Pradesh and Sri Lanka coasts	likely to be rough to very rough on 7 th & 8 th ; high on 9th ; and rough to very rough on 10 th December 2022.

(iv) Fishermen warning:

Fishermen are advised not to venture into

- ❖ Southeast Bay of Bengal from 07th December.
- ❖ Southwest Bay of Bengal from 07th -10th December

- ❖ Along & off Sri Lanka coast from 07th -09th December.
- ❖ Along & off Tamilnadu, Puducherry and South Andhra Pradesh coast and Gulf of Mannar from 07th -10th December 2022.

Fishermen out in the deep sea are advised to return to coast or move the safe area immediately.

(v) Adverse weather warning for onshore and offshore operations:

Onshore and offshore operations may be regulated over Southeast Bay of Bengal on 6th & 7th; over Southwest Bay of Bengal during 7th -10th; and along and off Tamilnadu, Puducherry and South Andhra Pradesh coast and Gulf of Mannar during 8th -10th December.

IMD is continuously monitoring the situation and updates would be sent regularly.

Dr.S.BALACHANDRAN
Scientist-G & Head
Regional Meteorological Centre, Chennai



