

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண் டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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Phone: 044- 28271951

Date: 30th January 2023

Time of Issue: 20:30 IST

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 (tnstateeoc1@gmail.com,
tn.relief@gmail.com, iscrcni@gmail.com,
sbcid.city@gmail.com, commissioner@chennaicorporation.gov.in,
tndgpcontrolroom@gmail.com)
The Commissioner of fisheries
(tnfisheries@nic.in, FisheriesTamilNaducoffisheries@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
(cs.pon@nic.in, secyfin.pon@nic.in, dcrev.pon@nic.in, collr.kkl@nic.in)

Sub: Depression over Bay of Bengal

The Depression over Southeast & adjoining Southwest Bay of Bengal moved nearly west-northwestwards with a speed of 13 kmph during past 6 hours and lay centered at 1730 hours IST of today, the 30th January, 2023 over Southwest & adjoining Southeast Bay of Bengal near latitude 8.0°N and longitude 86.0°E, about 530 km east-southeast of Trincomalee (Sri Lanka) and 750 km east-southeast of Karaikal (India).

It is very likely to move west-northwestwards till evening of 31st January then recurve gradually south-southwestwards and cross Sri Lanka coast in the forenoon of 01st February 2023.

Under its influence, light to moderate rain is likely at *a few* places over the coastal districts of Tamilnadu, Puducherry & Karaikal on 31st January and at *many* places over south Tamilnadu on 01st & 02nd February 2023 with **heavy rain** at *one or two* places over south Tamilnadu and delta districts on 01st February. Light to moderate rain is also likely at *one or two* places over rest Tamilnadu during the same period.

(i) Heavy rainfall warning:

Date	Warning
01.02.2023	Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thootukudi, Ramanathapuram, Sivaganga, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai districts of Tamilnadu and Karaikal area.

(ii) Warnings for Wind & Sea conditions

Sea area	Warning
Southeast Bay of Bengal : 30.01.2023	Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over Southeast Bay of Bengal on 30 th January with rough to very rough sea conditions .
Southwest Bay of Bengal : 30.01.2023 – 02.02.2023	Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is likely over Southwest Bay of Bengal during 30 th January to 1 st February. It would gradually decrease becoming 40-50 kmph gusting to 60 kmph on 2 nd February. Sea condition is likely to be rough to very rough during this period.
along & off Sri Lanka coast : 30.01.2023 – 02.02.2023	Squally weather wind speed reaching 45-55 kmph gusting to 65 kmph is likely along & off Sri Lanka coast during 30 th January to 1 st February. It would gradually decrease becoming 40-50 kmph gusting to 60 kmph on 2 nd February. Sea condition is likely to be rough to very rough during this period.
along & off Tamilnadu-Puducherry-Karaikal coasts, Gulf of Mannar and adjoining Comorin area : 01.02.2023 & 02.02.2023	Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph over Gulf of Mannar and Comorin area and along & off Tamil Nadu-Puducherry-Karaikal coasts during 1 st to 2 nd February. Sea condition is likely to be rough to very rough during this period.

(iii) Fishermen warning:

Fishermen are advised not to venture into

- Southeast Bay of Bengal on 30th January.
- Southwest Bay of Bengal, Gulf of Mannar and adjoining Comorin area, along & off Sri Lanka, Tamil Nadu -Puducherry coasts till 2nd February.

Fishermen out at sea are advised to return to the coasts by 31st January.

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

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

LEGEND:

Spatial rainfall distribution:

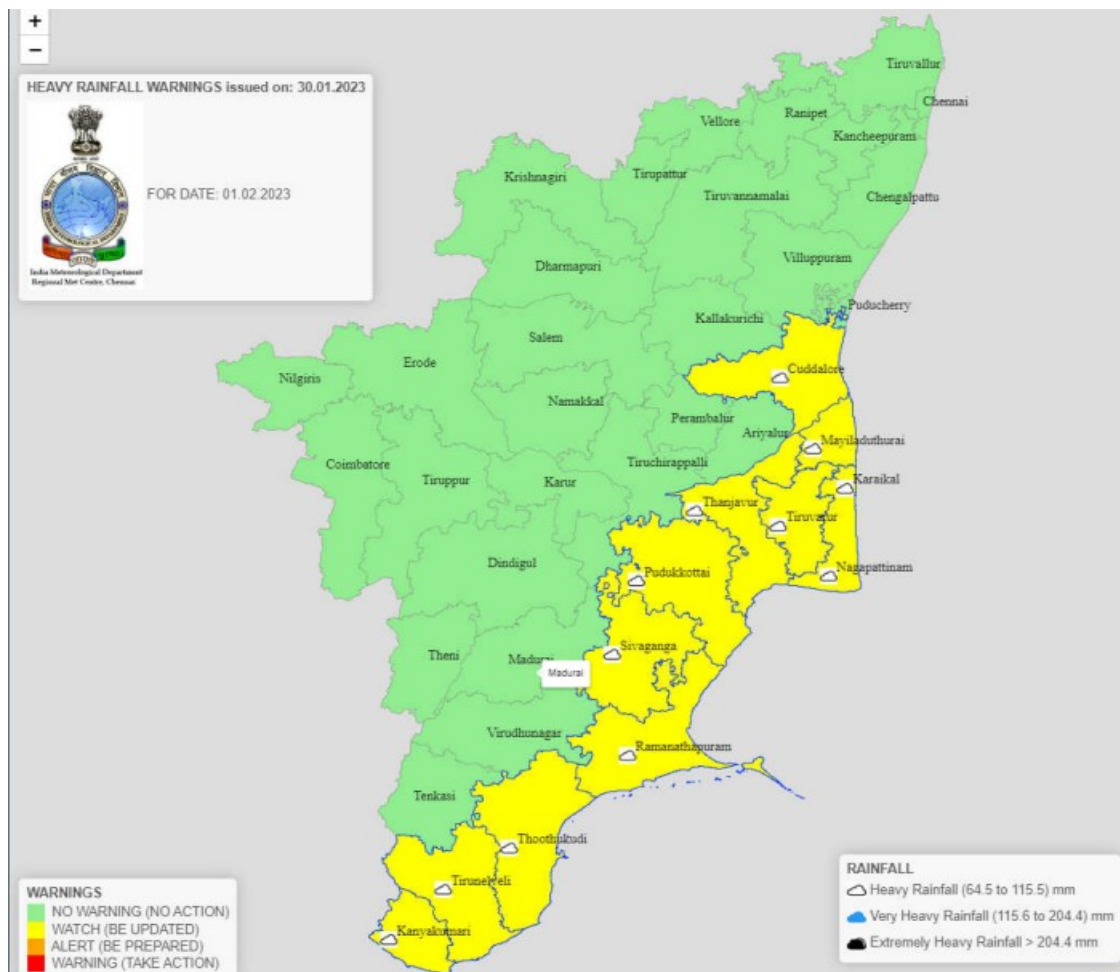
% Stations reporting Rainfall	Category
76-100	Widespread (WS/ most places)
51-75	Fairly Widespread (FWS/ many places)
26-50	Scattered (SCT/ few places)
1 -25	Isolated (ISOL)
No Rain	Dry

Rainfall intensity:

Light rain	0.1-7.6 mm (upto 1 cm)
Moderate rain	7.7-64.4 mm (2- 6 cm)
Heavy rain	64.5 – 115.5 mm (7 – 11 cm)
Very heavy rain	115.6- 204.4 mm (12 - 20 cm)
Extremely heavy rain	>204.4 mm (21 cm or more)

Sea condition:

Descriptive term	Wave height in metres
Slight	0.5-1.25
Moderate	1.25- 2.5
Rough	2.5-4.0
Very rough	4.0-6.0
High	6.0-9.0
Very high	9.0-14.0
Phenomenal	Over 14





DEPRESSION OVER BAY OF BENGAL : FISHERMEN WARNING

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE
CHENNAI

Date : 30/01/2023

FISHERMEN WARNING : 30.01.2023



FISHERMEN WARNING : 31.01.2023 - 02.02.2023



FISHERMEN OUT IN THE DEEP SEA ARE ADVISED TO RETURN TO COAST BY 31.01.2023.