



**India Meteorological Department
(Ministry of Earth Sciences)**

BULLETIN NO. 9 (BOB/08/2022)

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Sub: Depression over Southwest and adjoining Westcentral Bay of Bengal

The Depression over Southwest Bay of Bengal moved west-northwestwards with a speed of 25 kmph during past 6 hours and lay centred at 1730 hours IST of today, the 21st November, 2022 over Southwest and adjoining Westcentral Bay of Bengal, near latitude 12.9° N and longitude 82.0° E, about 190 km east of Chennai, 280 km east-southeast of Nellore, 380 km south-southeast of Machilipatnam and 420 km north-northeast of Jaffna (Sri Lanka).

Continuing to move west-northwestwards towards south Andhra Pradesh-North Tamilnadu-Puducherry coasts, the system is likely to maintain the intensity of depression till mid-night of today, the 21st November and thereafter weaken gradually into a well-marked low pressure area around 22nd morning.

Warnings:

(i) Rainfall (warning graphics enclosed)

- ❖ Light to moderate rainfall at many places with isolated heavy rainfall is very likely over North Tamilnadu-Puducherry and south coastal Andhra Pradesh & adjoining Rayalaseema on 21st and 22nd November and light to moderate rainfall at a few places over North coastal Andhra Pradesh during the same period.
- ❖ Light to moderate rainfall at many places is likely over North Tamil Nadu-Puducherry, South Coastal Andhra Pradesh and Rayalseema on 23rd November.

(ii) Wind warning:

- ❖ **Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over** Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry and Sri Lanka coasts till 22nd November morning and decrease gradually thereafter becoming 30-40 kmph gusting 50 kmph by 23rd November morning.
- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is likely to prevail over** Gulf of Mannar on 21st & 22nd November and decrease gradually thereafter.

(iii) Sea condition

- ❖ **Sea condition will be rough to very rough** over Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry, Sri Lanka coasts till 22nd November morning and improve gradually thereafter becoming rough to moderate by 23rd November morning.
- ❖ **Sea condition will be rough** over Gulf of Mannar on 21st & 22nd November and improve gradually thereafter.

(iv) Fishermen Warning

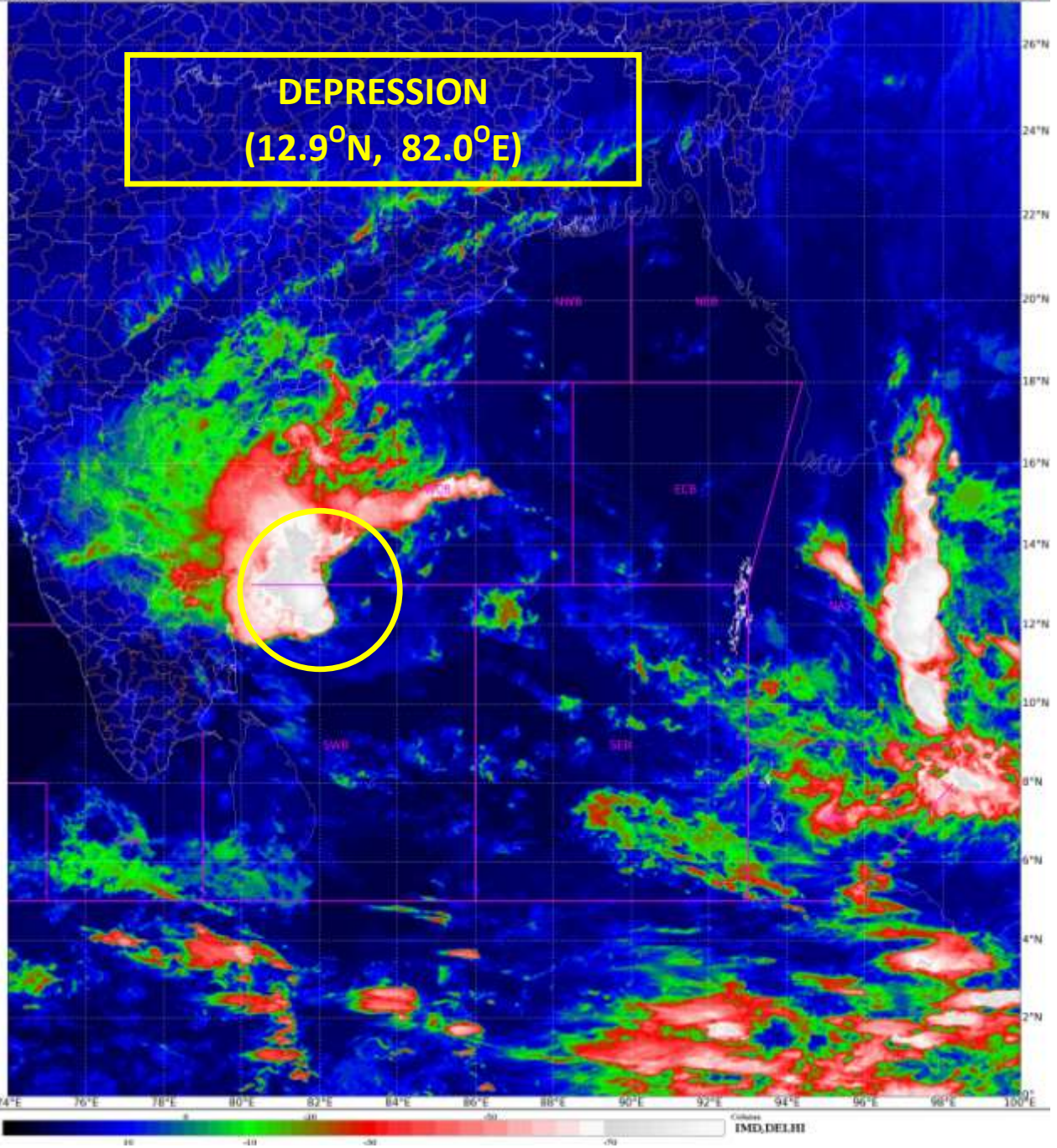
Fishermen are advised not to venture into Southwest and adjoining Westcentral Bay of Bengal, Gulf of Mannar and along & off Andhra Pradesh, Tamil Nadu, Puducherry, Sri Lanka coasts till 22nd November

The system is under continuous surveillance and the next message will be issued at 0230 hours IST of tomorrow, the 22nd November, 2022.

(Ananda Kumar Das)
Scientist - E, Cyclone Warning Division, New Delhi

Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWCVisakhapatnam/MO Port Blair

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total






OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 1200 UTC OF 21ST NOVEMBER, 2022



DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 20 KT)

-  LESS THAN 34 KT
-  34-47 KT
-  ≥ 48 KT
-  OBSERVED TRACK
-  FORECAST TRACK
-  CONE OF UNCERTAINTY

Today
21/11/2022



WARNING



Tomorrow
22/11/2022



23/11/2022



24/11/2022



25/11/2022



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

Fishermen warning graphics



Squally weather with wind speed 40-45 kmph gusting to 55 kmph

Squally wind speed with wind speed 45-55 kmph gusting to 65 kmph

Fishermen are advised not to venture into the marked areas.