



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

SPECIAL MESSAGE NO. 2 (ARB/03/2023)

TIME OF ISSUE:1300 HOURS IST

DATED:19.10.2023

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Sub: (A) Low Pressure Area over southeast and adjoining southwest Arabian Sea

(B) Cyclonic Circulation over southeast Bay of Bengal

(A) Low Pressure Area over southeast and adjoining southwest Arabian Sea

Yesterday's Low Pressure Area over Southeast & adjoining Eastcentral Arabian Sea moved nearly westwards and lay over Southeast & adjoining southwest Arabian Sea at 0830 hours IST of today, the 19th October, 2023.

It is likely to move nearly west-northwestwards and become Well Marked Low Pressure Area over southwest Arabian Sea during next 24 hours and intensify into a Depression over southwest & adjoining westcentral Arabian Sea around 21st October.

Warnings:

(i) Wind warning (warning graphics enclosed):

- **Eastcentral Arabian Sea & Lakshadweep Area: Squally weather** with wind speed reaching **35-45 kmph gusting to 55 kmph** is very likely to prevail on 19th October and decrease gradually thereafter.
- **Southeast Arabian Sea: Squally weather** with wind speed reaching **35-45 kmph gusting to 55 kmph** is prevailing near the system and it is likely to increase becoming **squally wind** speed reaching **40-50 kmph gusting to 60 kmph** on 20th October. It would decrease gradually thereafter.
- **Southwest Arabian Sea: Squally wind** speed reaching **35-45 kmph gusting to 55 kmph** is prevailing near the system and it is likely to gradually increase becoming squally wind speed reaching **45-55 kmph gusting to 65 kmph** on 20th and **50-60 kmph gusting to 70 kmph** on 22nd & 23rd October.
- **Westcentral Arabian Sea: Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** is likely to prevail on 20th October. It is likely to gradually increase becoming **45-55 kmph gusting to 65 kmph** on 21st and **50-60 kmph gusting to 70 kmph** on 22nd & 23rd October.

(ii) Sea Condition

- **Eastcentral Arabian Sea & Lakshadweep Area: Rough sea condition** is very likely on 19th October and would improve gradually thereafter.
- **Southeast Arabian Sea: Rough sea condition** is very likely on 19th and likely to be **rough to very rough** on 20th October. It is likely to improve gradually thereafter.
- **Southwest Arabian Sea: Rough sea condition** is very likely on 19th & 20th becoming **rough to very rough** during 21st to 23rd October.
- **Westcentral Arabian Sea: Rough sea condition** is very likely on 20th becoming **rough to very rough** during 21st to 23rd October.

• (iii) Fishermen Warning (Graphics attached):

Fishermen are advised not to venture into

- ❖ **Eastcentral Arabian Sea & Lakshadweep Area** on 19th October.
- ❖ **Southeast Arabian Sea** on 19th & 20th October.
- ❖ **Southwest Arabian Sea** from 19th to 23rd October.
- ❖ **Westcentral Arabian Sea** from 20th to 23rd October.

The Fishermen out at sea are advised to return to coast.

(B) Cyclonic Circulation over southeast Bay of Bengal

Yesterday's cyclonic circulation over southeast Bay of Bengal in lower tropospheric levels persisted over the same region at 0830 hours IST of today, 19th October, 2023. It is likely to move northwestwards and under its influence a low pressure area is likely to form over central parts of Bay of Bengal by 21st morning. Thereafter, it is likely to intensify further into a depression over westcentral Bay of Bengal around 23rd October.

Warnings:

(i) Wind warning (warning graphics enclosed):

- **Southwest and adjoining southeast Bay of Bengal: Squally wind** speed reaching **35-45 kmph gusting to 55 kmph** is prevailing near the system and it is likely to gradually increase becoming squally wind speed reaching **45-55 kmph gusting to 65 kmph** on 21st & 22nd and **50-60 kmph gusting to 70 kmph** on 23rd October.

- **Westcentral Bay of Bengal: Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** is likely to prevail on 21st October. It is likely to gradually increase becoming **45-55 kmph gusting to 65 kmph** on 22nd and **50-60 kmph gusting to 70 kmph** on 23rd October.

(ii) Sea Condition

- **Southwest and adjoining southeast Bay of Bengal: Moderate to rough sea condition** is likely to prevail near the system 20th & 21st and it is likely to become **rough to very rough** on 23rd October.
- **Westcentral Bay of Bengal: Rough sea condition** is likely to prevail on 21st October. It is likely to become **rough to very rough** on 23rd October.

- **(iii) Fishermen Warning (Graphics attached):**

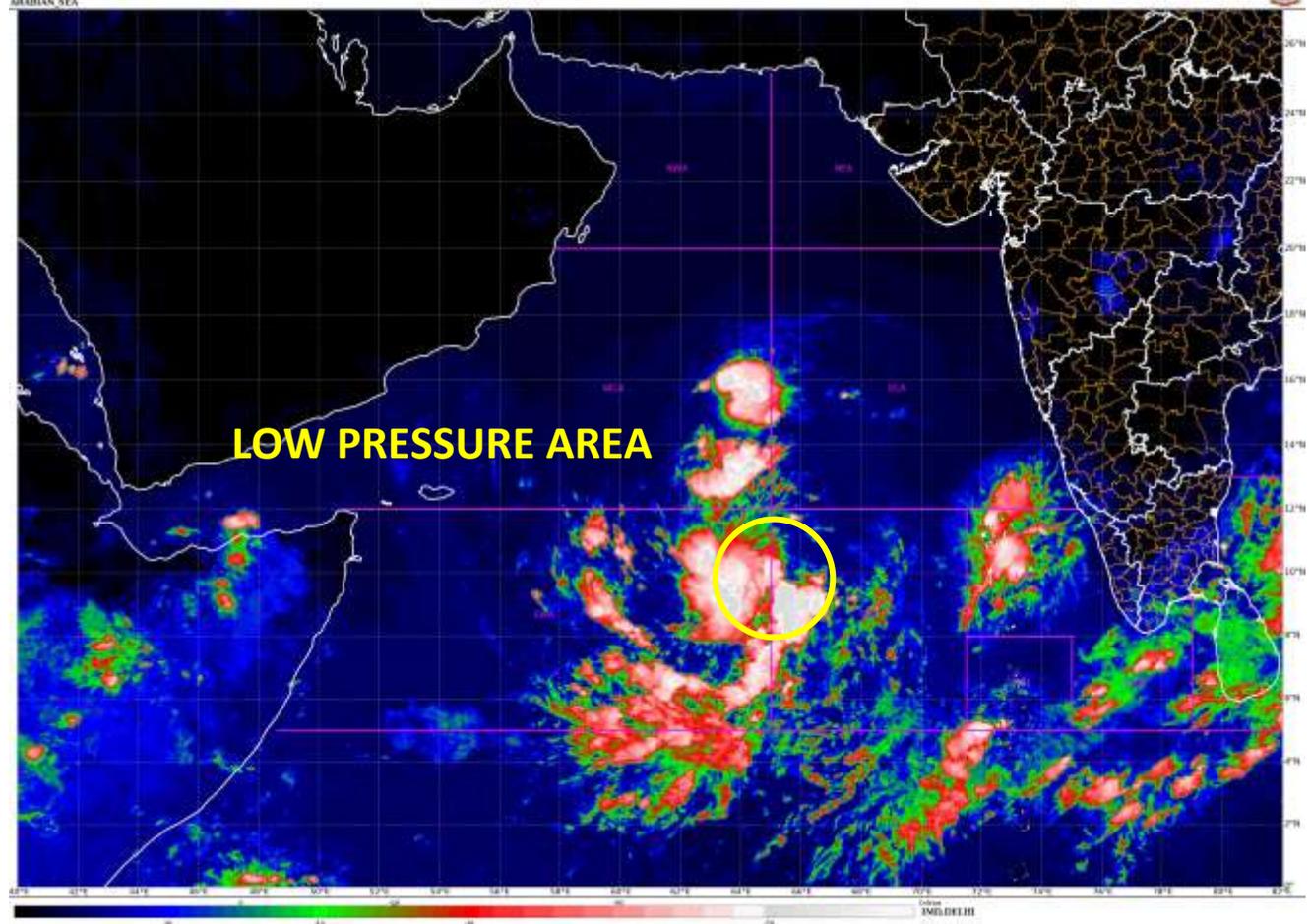
Fishermen are advised not to venture into

- ❖ **Southwest and adjoining southeast Bay of Bengal** from 20th to 23rd October.
- ❖ **Westcentral Bay of Bengal** from 21st October onwards.

Both the systems are under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 20th October, 2023.

**(Ananda Kumar Das)
Scientist F, Cyclone Warning, New Delhi**

Copy to: ACWC Mumbai/ ACWC Chennai/ ACWC Kolkata/CWC Ahmedabad/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/MC Goa



Fishermen warning graphics

Day 1: 19.10.2023/11:30AM to 20.10.2023/05:30AM



Day 2: 20.10.2023/05:30AM to 21.10.2023/05:30AM



Day 3: 21.10.2023/05:30AM to 22.10.2023/05:30AM



Day 4: 22.10.2023/05:30AM to 23.10.2023/05:30AM



Day 5: 23.10.2023/05:30AM to 24.10.2023/05:30AM



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

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

Squally wind with speed 50-60 kmph gusting to 70 kmph

Fishermen are advised not to venture into the marked areas.