



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

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

**TIME OF ISSUE:1300 HOURS IST**

**DATED:19.10.2023**

**FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)**

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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 19<sup>th</sup> 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 21<sup>st</sup> 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 19<sup>th</sup> 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 20<sup>th</sup> 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 20<sup>th</sup> and **50-60 kmph gusting to 70 kmph** on 22<sup>nd</sup> & 23<sup>rd</sup> October.
- **Westcentral Arabian Sea:** **Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** is likely to prevail on 20<sup>th</sup> October. It is likely to gradually increase becoming **45-55 kmph gusting to 65 kmph** on 21<sup>st</sup> and **50-60 kmph gusting to 70 kmph** on 22<sup>nd</sup> & 23<sup>rd</sup> October.

### **(ii) Sea Condition**

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

### **• (iii) Fishermen Warning (Graphics attached):**

Fishermen are advised not to venture into

- ❖ **Eastcentral Arabian Sea & Lakshadweep Area** on 19<sup>th</sup> October.
- ❖ **Southeast Arabian Sea** on 19<sup>th</sup> & 20<sup>th</sup> October.
- ❖ **Southwest Arabian Sea** from 19<sup>th</sup> to 23<sup>rd</sup> October.
- ❖ **Westcentral Arabian Sea** from 20<sup>th</sup> to 23<sup>rd</sup> 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, 19<sup>th</sup> 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 21<sup>st</sup> morning. Thereafter, it is likely to intensify further into a depression over westcentral Bay of Bengal around 23<sup>rd</sup> 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 21<sup>st</sup> & 22<sup>nd</sup> and **50-60 kmph gusting to 70 kmph** on 23<sup>rd</sup> October.

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

**(ii) Sea Condition**

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

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

Fishermen are advised not to venture into

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

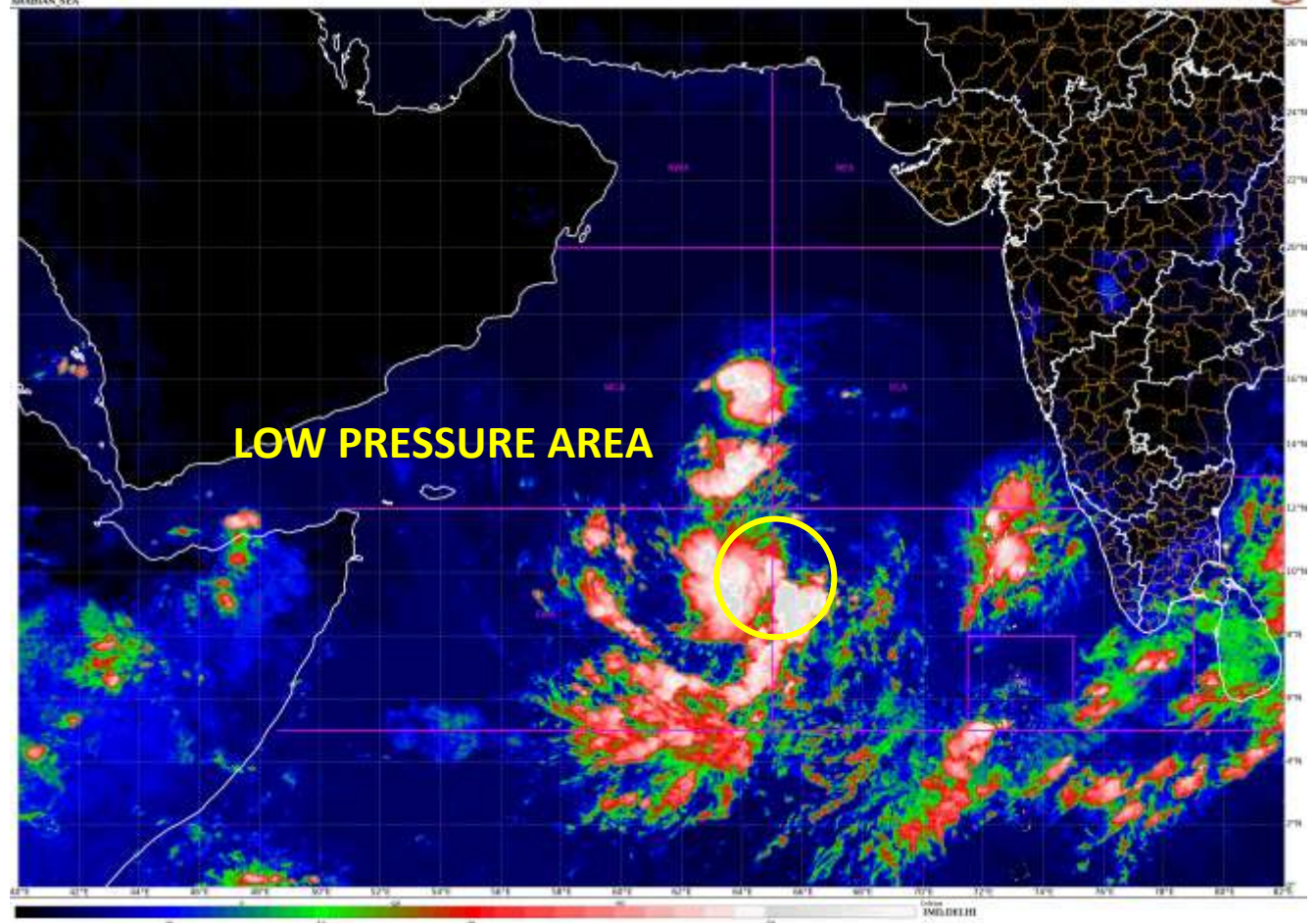
**Both the systems are under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 20<sup>th</sup> October, 2023.**

**(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*

SAT : INSAT-3DR DHI  
DHI\_TIR1\_TEMP 15.0 um  
ARABIAN SEA

19-10-2023 00:45 to 00:21 GMT  
19-10-2023 11:15 to 11:42 IST



## 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.**