



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

**NATIONAL BULLETIN NO. 1 (ARB/03/2022)**

**TIME OF ISSUE:1640 HOURS IST**

**DATED: 14.12.2022**

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**Sub: Well marked Low Pressure Area over eastcentral and adjoining southeast Arabian Sea concentrated into a Depression**

Well marked low pressure Area over Eastcentral and adjoining Southeast Arabian Sea moved northwestwards, concentrated into a depression over the same region and lay centered at 1430 hrs IST of today, the 14<sup>th</sup> December 2022 near latitude 13.5<sup>o</sup>N and longitude 69.6<sup>o</sup>E about 430 km west-northwest of Aminidivi (Lakshadweep), about 500 km west-southwest of Panjim (Goa) and 1710 km east-southeast of Salalah (Oman).

It is very likely to move west-northwestwards over Eastcentral Arabian Sea away from India coast and intensify further into a deep depression by morning of tomorrow, the 15<sup>th</sup> December 2022.

**Warnings:**

**(i) Heavy Rainfall warning: NIL** as the depression is expected to move away from India coast.

**(ii) Wind warning (warning graphics enclosed):**

- **Lakshadweep Area: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph** till 15<sup>th</sup> morning and decrease gradually thereafter.
- **Southeast Arabian Sea: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph** till 15<sup>th</sup> evening and decrease gradually thereafter.

- **Eastcentral Arabian Sea: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph** is likely till 15<sup>th</sup> morning, **55-65 kmph gusting to 75 kmph** till 17<sup>th</sup> morning and gradually decreases thereafter.
- **Westcentral Arabian Sea: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely from 15<sup>th</sup> morning becoming **50-60 kmph gusting to 70 kmph** during 15<sup>th</sup> evening to 17<sup>th</sup> December morning.
- **Southwest Arabian Sea: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely from 15<sup>th</sup> morning becoming **45-55 kmph gusting to 65 kmph** during 16<sup>th</sup> to 17<sup>th</sup> December morning.

### (iii) Sea Condition

- ❖ **Lakshadweep Area: Sea Condition** is likely to be rough to very rough till 15<sup>th</sup> morning and improve thereafter
- ❖ **Southeast Arabian Sea: Sea Condition** is likely to be rough to very rough till 16<sup>th</sup> morning and improve thereafter.
- ❖ **Eastcentral Arabian Sea: Sea Condition** is likely to be rough to very rough till 17<sup>th</sup> morning.
- ❖ **Westcentral Arabian Sea: Sea Condition** is likely to be rough from 15<sup>th</sup> morning becoming rough to very rough from 15<sup>th</sup> evening to 17<sup>th</sup> December morning.
- ❖ **Southwest Arabian Sea: Sea Condition** is likely to be rough from 15<sup>th</sup> evening becoming rough to very rough during 16<sup>th</sup> to 17<sup>th</sup> December morning.

### (iv) Fishermen Warning:

Fishermen are advised not to venture into

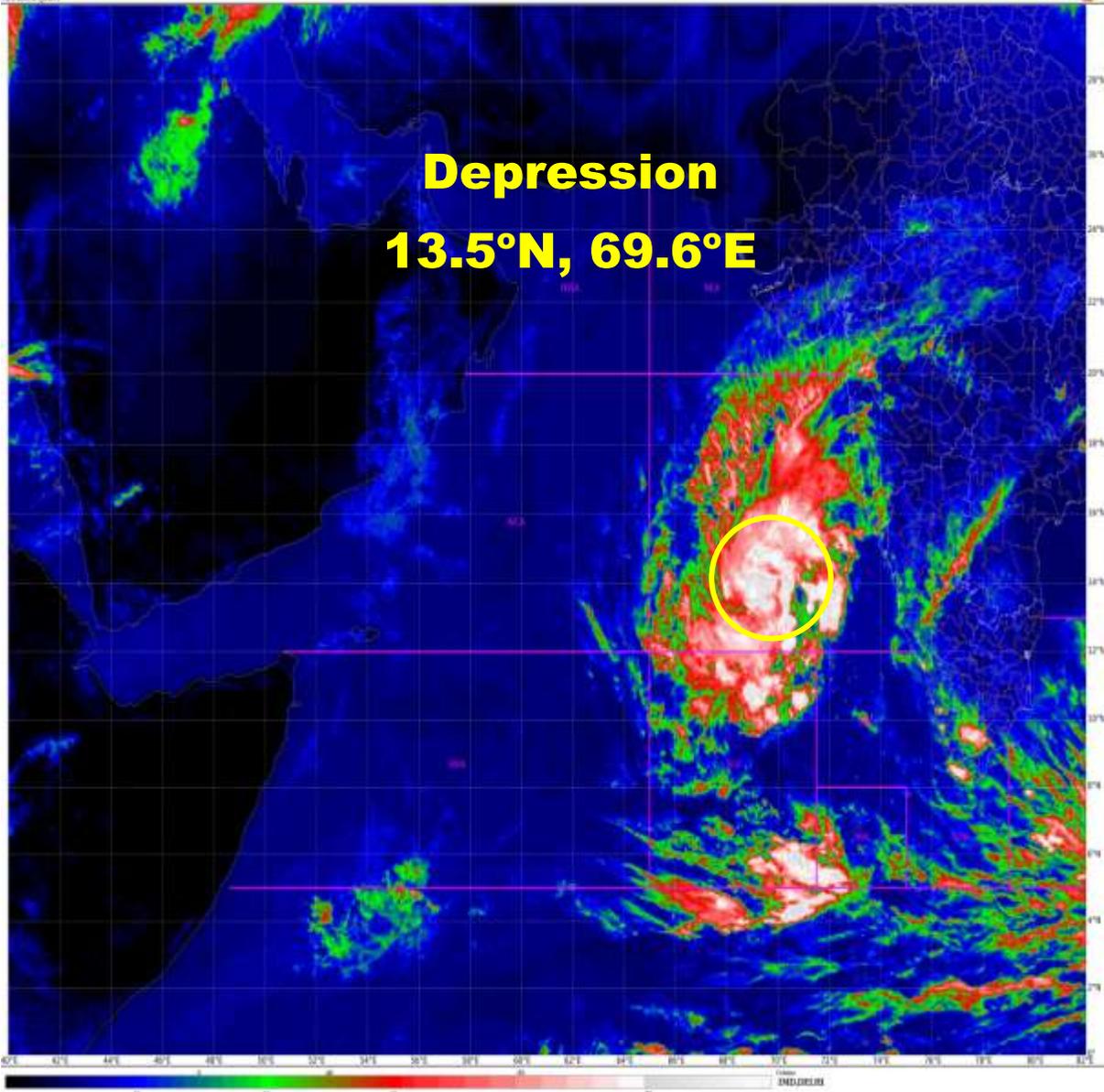
- ❖ **Lakshadweep Area** till 15<sup>th</sup> December
- ❖ **Southeast Arabian Sea** till 15<sup>th</sup> December.
- ❖ **Eastcentral Arabian Sea** till 17<sup>th</sup> morning.
- ❖ **Westcentral Arabian Sea** from 15<sup>th</sup> morning to 17<sup>th</sup> December.
- ❖ **Southwest Arabian Sea** from 15<sup>th</sup> morning to 17<sup>th</sup> December.

**The system is under continuous surveillance and the next message will be issued at 2030 hours IST of today, the 14<sup>th</sup> December, 2022.**

**(A.K. Das)**  
**Scientist E, Cyclone Warning, New Delhi**

*Copy to: ACWC Mumbai/ ACWC Chennai/ /CWC Ahmedabad/ CWC Thiruvananthapuram/MC Goa*

**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



Today  
14/12/2022



**WARNING**



Tomorrow  
15/12/2022



16/12/2022



17/12/2022



18/12/2022



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

## Fishermen warning graphics

**Day 1: 14.12.2022/11:30AM to 15.12.2022/05:30AM**



**Day 2: 15.12.2022/05:30AM to 16.12.2022/05:30AM**



**Day 3: 16.12.2022/05:30AM to 17.12.2022/05:30AM**



**Day 4: 17.12.2022/05:30AM to 18.12.2022/05:30AM**



**Day 5: 18.12.2022/05:30AM to 19.12.2022/05:30AM**



Squally WX with wind speed 35-45 kmph gusting to 55 kmph

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

Squally wind speed 45-55 kmph gusting to 65 kmph

**Fishermen are advised not to venture into the marked areas.**

# Probability of exceedance of maximum sustained winds $\geq 45$ kmph



Probability of exceedance	
	<b>Low (1-33%)</b>
	<b>Moderate (34-67%)</b>
	<b>High (68-100%)</b>