



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

**BULLETIN NO. 3 (ARB/02/2022)**

**TIME OF ISSUE: 2130 HOURS IST**

**DATED: 12.08.2022**

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**Sub: (A) Depression over northeast and adjoining northwest Arabian Sea and  
(B) Likely formation of depression over northwest Bay of Bengal around 14<sup>th</sup> August**

**(A) Depression over northeast and adjoining northwest Arabian Sea**

The depression over northeast Arabian Sea moved nearly westwards with a speed of 14 kmph during past 6 hours and lay centered at 1730 hours IST of today, the 12<sup>th</sup> August, 2022 over northeast and adjoining northwest Arabian Sea near latitude 22.4°N and longitude 65.2°E, about 390 km west of Naliya (Gujarat), 470 km west of Porbandar (Gujarat), 340 km southwest of Karachi (Pakistan) and 550 km east-southeast of Chahbahar (Iran).

It is very likely to intensify into a deep depression during next 12 hours. It is very likely to move nearly westwards for some more time and then move northwestwards till 13<sup>th</sup> August evening. Then it is likely to recurve gradually north-northeastwards.

**Warnings:**

**(i) Wind warning:**

- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northwest & adjoining northeast and central Arabian Sea on 12<sup>th</sup> August. It is likely to increase becoming

50-60 gusting to 70 kmph over the same region on 13<sup>th</sup> August. The wind speed would decrease gradually becoming 40-50 kmph gusting to 60 kmph over the same region on 14<sup>th</sup>.

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely along & off Gujarat, Maharashtra and Karnataka coasts on 12<sup>th</sup> & 13<sup>th</sup> August.

## **(ii) Sea condition**

Sea condition is likely to be rough to very rough over northwest & adjoining northeast Arabian Sea, central Arabian Sea and along & off Gujarat, Maharashtra and Karnataka coasts during 12<sup>th</sup>-14<sup>th</sup> August.

## **(iii) Fishermen Warning**

Fishermen are advised not to venture into north & central Arabian Sea and along & off Gujarat and Maharashtra coasts during 12<sup>th</sup> to 14<sup>th</sup> August.

## **(B) Likely formation of depression over northwest Bay of Bengal around 14<sup>th</sup> August**

A cyclonic circulation lies over west Myanmar and neighbourhood. Under it's influence, a low pressure area is likely to form over north Bay of Bengal around 13<sup>th</sup> August, 2022. It is likely to become more marked during subsequent 24 hours and move west-northwestwards thereafter.

Under it's influence, rainfall activity would increase over Gangetic West Bengal and Odisha on 13<sup>th</sup> and 14<sup>th</sup> August.

**The system is under continuous surveillance and the next message will be issued at 0230 hours IST of tomorrow, the 13<sup>th</sup> August, 2022.**

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

*Copy to: ACWC Mumbai/ ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWC Visakhapatnam/CWC Ahmedabad/ MO Port Blair/MC Raipur/MC Bhopal/MC Hyderabad/RMC Nagpur/MC Goa/MC Bengaluru/CWC Thiruvananthapuram*

**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 NORTHEAST AND ADJOINING NORTHWEST ARABIAN SEA BASED ON 1200 UTC OF 12<sup>th</sup> AUGUST, 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 ( $\geq 120$  KT)**

- LESS THAN 34 KT
- 34-47 KT
- $\geq 48$  KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

SAT : INSAT-3D IMG  
IMG\_TIR1\_TEMP 10.8 um  
ARABIAN SEA

12-08-2022/(1330 to 1356) GMT  
12-08-2022/(1900 to 1926) IST

