



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

**BULLETIN NO. 1 (ARB/02/2022)**

**TIME OF ISSUE:1200 HOURS IST**

**DATED: 12.08.2022**

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**Sub: Depression over northeast Arabian Sea**

Latest observations indicate that a depression has formed over northeast Arabian Sea and it lay centered at 0830 hours IST of today, the 12<sup>th</sup> August, 2022 near latitude 22.5°N and longitude 66.5°E, about 260 km west-southwest of Naliya (Gujarat), 350 km west-northwest of Porbandar (Gujarat), 270 km south of Karachi (Pakistan) and 660 km east-southeast of Chahbahar (Iran).

It is very likely to move slowly west-northwestwards away from Indian coast during next 24 hours.

**Warnings:**

**(i) Rainfall (warning graphics enclosed)**

Light to moderate rainfall at a few places is likely over Saurashtra & Kutch and Gujarat region during next 24 hours.

**(ii) Wind warning:**

**12<sup>th</sup> August:** Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northeast & adjoining central Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely along & off Gujarat, Maharashtra and Karnataka coasts.

**13<sup>th</sup> & 14<sup>th</sup> August:** Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northwest and adjoining westcentral Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over northeast and adjoining eastcentral Arabian Sea, along & off Gujarat, Maharashtra and Karnataka coasts.

**(iii) Sea condition**

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

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

**(iv) 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.

**The system is under continuous surveillance and the next message will be issued at 1430 hours IST of today, the 12<sup>th</sup> August, 2022.**

**(M. Sharma)**  
**Scientist D, Cyclone Warning, New Delhi**

*Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWCVisakhapatnam/CWC Ahmedabad/ MO Port Blair/MC Raipur/MC Bhopal/MC Hyderabad/RMC Nagpur*







**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 ARABIAN SEA BASED ON 0300 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 (≥ 120 KT)

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

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

12-08-2022/(0500 to 0526) GMT  
12-08-2022/(1030 to 1056) IST

