

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 12th 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:

- **12th 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.
- 13th &14th 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

12th 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.

13th & 14th 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 12th to 14th August.

The system is under continuous surveillance and the next message will be issued at 1430 hours IST of today, the 12th 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 12th AUGUST, 2022



DATE/TIME IN UTC IST=UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

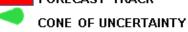
DD: DEEP DEPRESSION (28-33 KT) CS: CYCLONIC STORM (34-47 KT)

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)





SAT: INSAT-3D IMG IMG_TIR1_TEMP 10.8 um 12-08-2022/(0500 to 0526) GMT 12-08-2022/(1030 to 1056) IST



