



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

BULLETIN NO. 5 (ARB/02/2022)

TIME OF ISSUE:0800 HOURS IST

DATED: 13.08.2022

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Sub: (A) Depression over northwest and adjoining northeast Arabian Sea

(B) Likely formation of depression over northwest Bay of Bengal around 14th August

(A) Depression over northwest and adjoining northeast Arabian Sea

The depression over northeast and adjoining northwest Arabian Sea moved nearly westwards with a speed of 13 kmph during past 6 hours and lay centered at 0530 hours IST of today, the 13th August, 2022, over northwest and adjoining northeast Arabian Sea near latitude 22.2°N and longitude 63.7°E, about 540 km west-southwest of Naliya (Gujarat), 620 km west northwest of Porbandar (Gujarat), 460 km southwest of Karachi (Pakistan) and 460 km southeast of Chahbahar (Iran).

It is very likely to move nearly westwards for sometime and then northwestwards and weaken into a well marked low pressure area during next 12 hours. Then, the remnant well marked low pressure area is likely to recurve north-northeastwards and weaken gradually further.

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 today 13th August. The wind speed would decrease gradually becoming 40-50 kmph gusting to 60 kmph over the same region on 14th.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely along & off Gujarat, Maharashtra and Karnataka coasts today on 13th 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 today on 13th & then on 14th August.

(iii) Fishermen Warning

Fishermen are advised not to venture into north & central Arabian Sea and along & off Gujarat and Maharashtra coasts today on 13th and on 14th August.

(B) Likely formation of depression over northwest Bay of Bengal around 14th August

The cyclonic circulation over west Myanmar and neighbourhood now lies over northeast Bay of Bengal. Under its influence, a low pressure area is likely to form over north Bay of Bengal during next 12 hours. It is likely to become more marked during subsequent 24 hours and move west-northwestwards thereafter.

Under its influence, rainfall activity would increase over Gangetic West Bengal and Odisha today on 13th and on 14th August.

The system is under continuous surveillance and the next message will be issued at 1130 hours IST of 13th August, 2022.

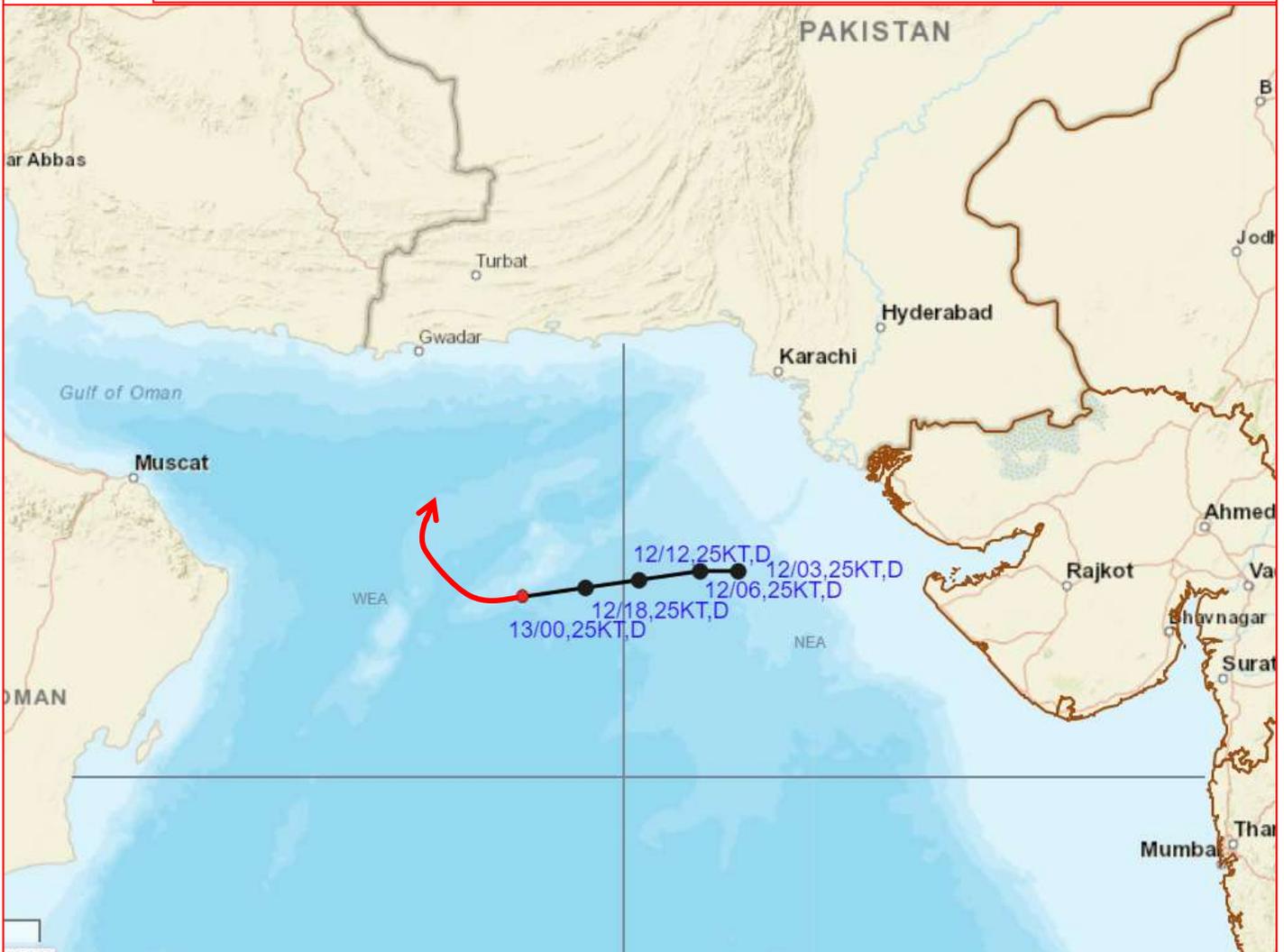
**(Arulalan T.)
Scientist C, Cyclone Warning, New Delhi**

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 NORTHWEST AND ADJOINING NORTHEAST ARABIAN SEA BASED ON 0000 UTC OF 13th 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-3DR IMG
IMG_TYPE_TEMP 10.0 um
ARABIAN SEA

13-08-2023 01:13 to 03:42 GMT
13-08-2023 00:05 to 07:12 BIT



DEPRESSION
22.2 N/63.7E

