



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

BULLETIN NO. 9 (ARB/01/2022)

TIME OF ISSUE: 0100 HOURS IST

DATED: 18.07.2022

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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Sub: Depression over Northeast Arabian Sea

The depression over Northeast Arabian Sea off Saurashtra and Kutch coasts moved westwards during last 06 hours with a speed of 18 kmph and lay centered at 2330 hours IST of 17th July, 2022 over Northeast Arabian Sea near latitude 23.4°N and longitude 66.3°E, about 400 km west-northwest of Porbandar (Gujarat), 305 km west-northwest of Okha (Gujarat), 265 km west of Naliya (Gujarat) and 185 km south-southwest of Karachi (Pakistan).

It is very likely to move nearly westwards and weaken into a Well Marked Low Pressure Area during next 06 hours. Thereafter it would continue to move nearly westwards towards Oman coast as a Low Pressure Area across northwest Arabian Sea during subsequent 24 hours.

Warnings:

(i) Wind warning

- Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail over northeast and northwest Arabian Sea during next 24 hours.
- Strong wind with speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail over westcentral and adjoining southwest Arabian Sea during next 24 hours.

(ii) Sea condition

- Sea condition very likely to be rough to very rough over northeast & northwest Arabian Sea during next 24 hours.

(iii) Fishermen Warning

- Fishermen are advised not to venture into northeast and northwest Arabian Sea and westcentral & adjoining southwest Arabian Sea during next 24 hours.

The system is under continuous surveillance and the next message will be issued at 0830 hours IST of 18th July, 2022.

**(Shobhit Katiyar)
Scientist C, RSMC, New Delhi**

Copy to: ACWC Mumbai/ ACWC Chennai/ CWC Ahmedabad/CWCThiruvananthapuram/Mc Goa/MC Bengalurur

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 1800 UTC OF 17th JULY 2022.

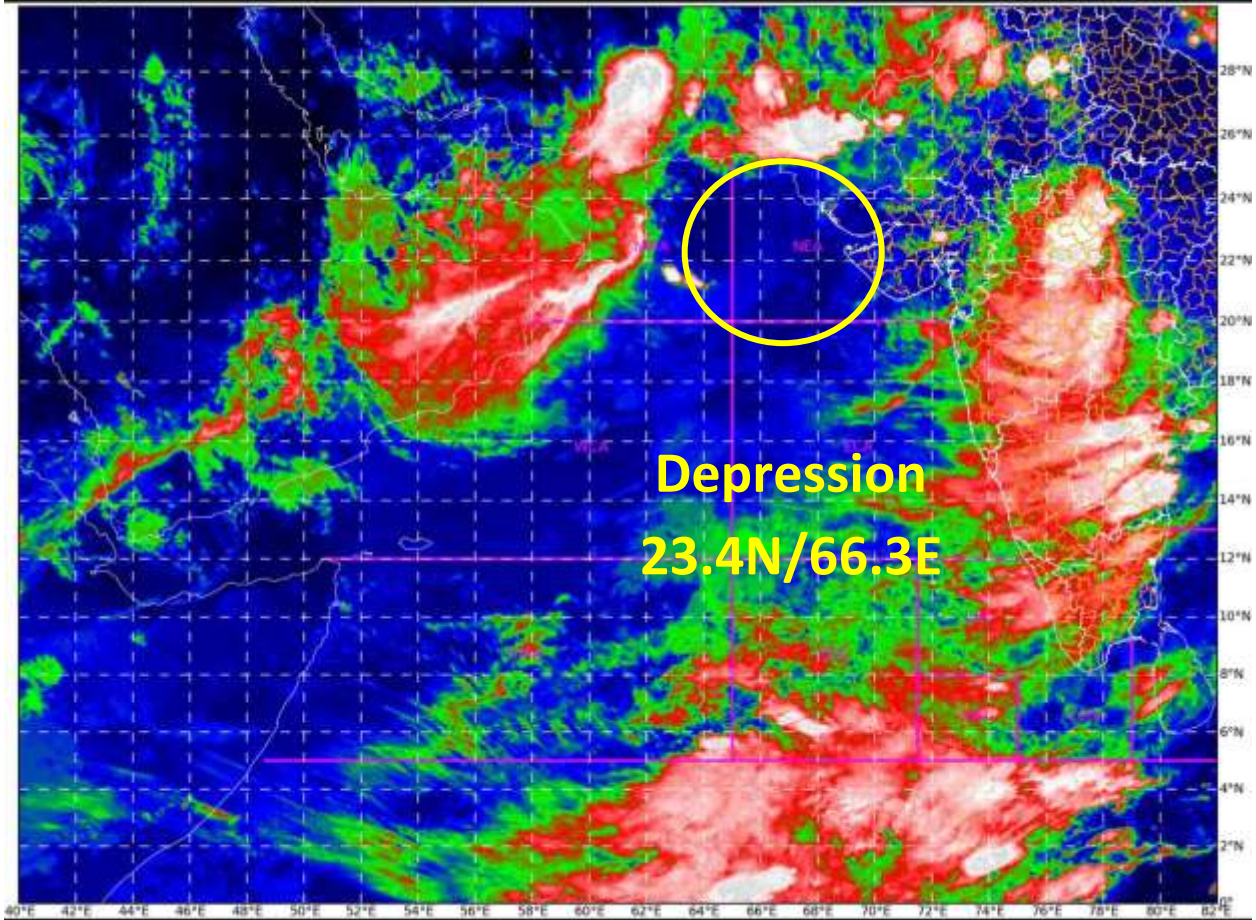


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 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

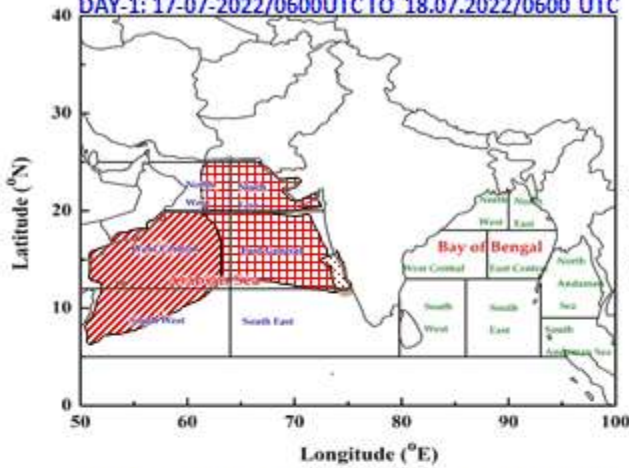
SAT : INSAT-3D IMG
IMG_TIR1_TEMP 10.8 um
ARABIAN SEA

17-07-2022/(1830 to 1856) GMT
18-07-2022/(0000 to 0026) IST

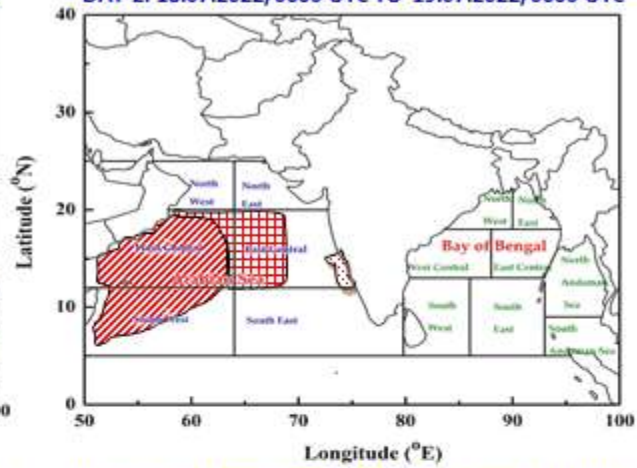


INDIA METEOROLOGICAL DEPARTMENT
FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

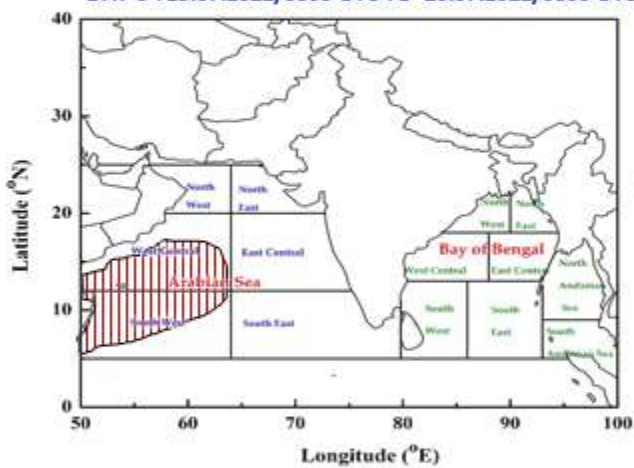
DAY-1: 17-07-2022/0600UTC TO 18.07.2022/0600 UTC



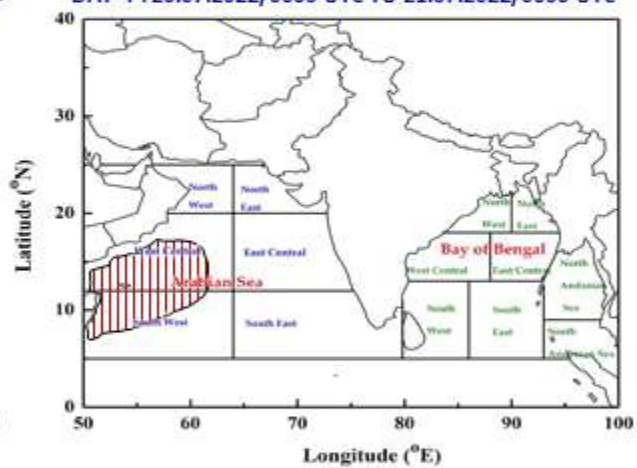
DAY-2: 18.07.2022/0600 UTC TO 19.07.2022/0600 UTC



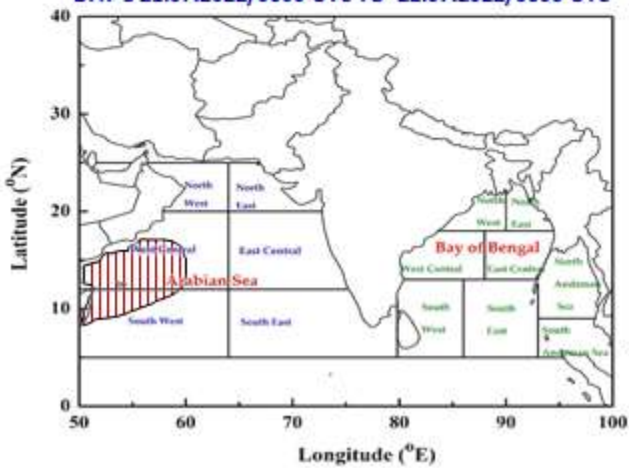
DAY-3: 19.07.2022/0600 UTC TO 20.07.2022/0600 UTC



DAY-4: 20.07.2022/0600 UTC TO 21.07.2022/0600 UTC



DAY-5 21.07.2022/0600 UTC TO 22.07.2022/0600 UTC



AREA UNDER FISHERMEN WARNING

- 40-50 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
- 45-55 KMPH GUSTING TO 65 KMPH (STRONG WIND)
- 45-55 KMPH GUSTING TO 65 KMPH (SQUALLY WEATHER)
- 50-60 KMPH GUSTING TO 70 KMPH (STRONG WIND)