



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

**BULLETIN NO. 8 (ARB/01/2022)**

**TIME OF ISSUE: 2000 HOURS IST**

**DATED: 17.07.2022**

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

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**Sub: Depression over Northeast Arabian Sea off Saurashtra and Kutch coasts**

The depression over Northeast Arabian Sea off Saurashtra and Kutch coasts moved west-northwestwards during last 6 hours with a speed of 08 kmph and lay centered at 1730 hours IST of 17<sup>th</sup> July, 2022 over the same region near latitude 23.4°N and longitude 67.4°E, about 300 km west-northwest of Porbandar (Gujarat), 200 km west-northwest of Okha (Gujarat), 160 km west of Naliya (Gujarat) and 170 km south-southeast of Karachi (Pakistan).

It is very likely to maintain the intensity of depression during next 12 hours and weaken gradually thereafter. It is very likely to move nearly westwards towards Oman coast as a remnant low pressure area across northwest Arabian Sea during next 36 hours.

**Warnings:**

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

**17<sup>th</sup> July:** Light to moderate rainfall at many places very likely over Saurashtra & Kutch. Thereafter, there will be no adverse impact of this system on rainfall over the state.

**(ii) Wind warning**

**17<sup>th</sup> July:** Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail along & off Gujarat Coasts and decrease gradually becoming 30-40 kmph gusting to 50 kmph by tomorrow, the 18<sup>th</sup> morning.

Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northeast and adjoining northwest Arabian Sea. Strong winds with speed reaching 45-55 kmph gusting to 65 kmph very likely over westcentral and adjoining southwest Arabian Sea. Strong winds with speed reaching 40-50 kmph gusting to 60 kmph very likely over eastcentral and adjoining south Arabian Sea.

**18<sup>th</sup> July:** Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph very likely over northwest Arabian Sea. Strong winds with speed reaching 45-55 kmph gusting to 65 kmph very likely over westcentral Arabian Sea.

**(iii) Sea condition**

**17<sup>th</sup> July:** Sea condition is very likely to continue to remain rough to very rough along & off Gujarat coast and over northeast & adjoining northwest Arabian Sea and central & adjoining south Arabian Sea.

**18<sup>th</sup> July:** Sea condition is very likely to become rough to very rough over northwest Arabian Sea and westcentral Arabian Sea.

**(iv) Fishermen Warning**

**17<sup>th</sup> July:** Fishermen are advised not to venture along & off Gujarat coast and into northeast Arabian Sea and central & adjoining south Arabian Sea.

**18<sup>th</sup> July:** Fishermen are advised not to venture into northwest Arabian Sea and westcentral Arabian Sea.

**The system is under continuous surveillance and the next message will be issued at 0230 hours IST of tomorrow, the 18<sup>th</sup> July, 2022.**

**(AK DAS)**  
**Scientist E, 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 OFF SAURASHTRA AND KUTCH COAST BASED ON 1200 UTC OF 17<sup>th</sup> 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

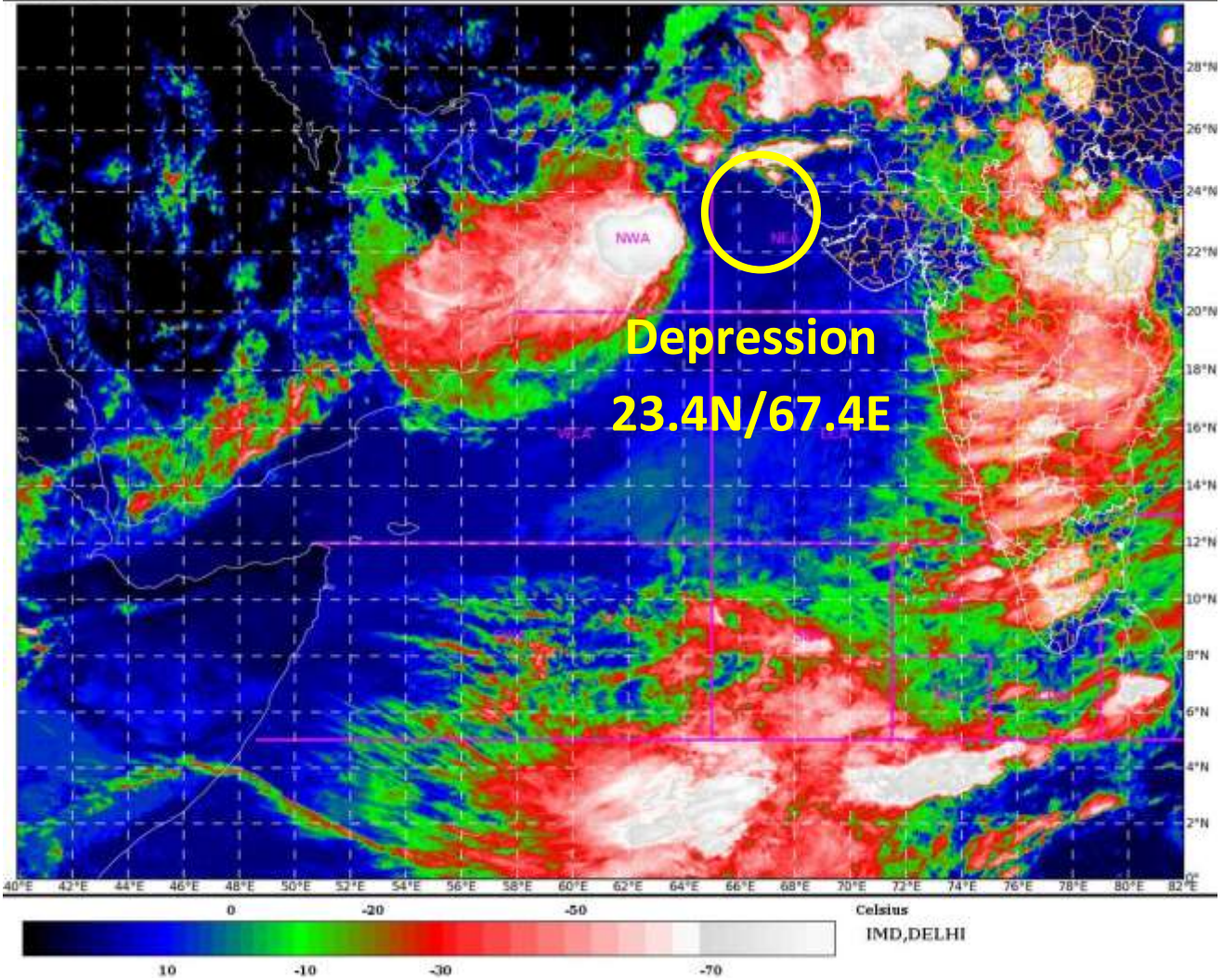
— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY

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

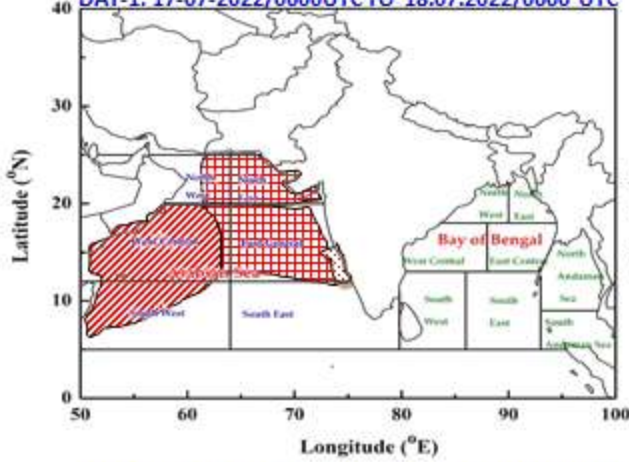
17-07-2022/(1330 to 1356) GMT  
17-07-2022/(1900 to 1926) IST



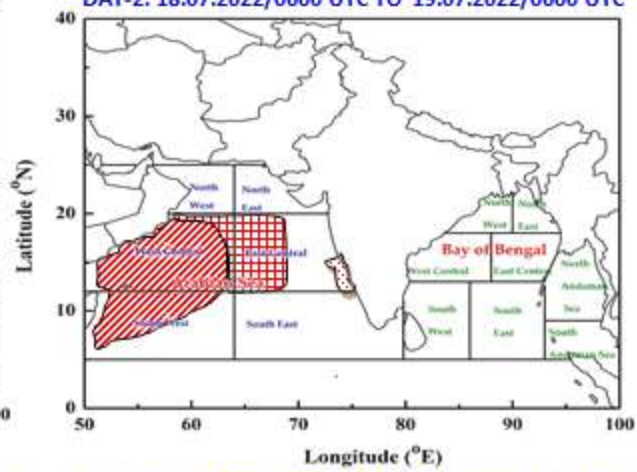


**INDIA METEOROLOGICAL DEPARTMENT  
FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA**

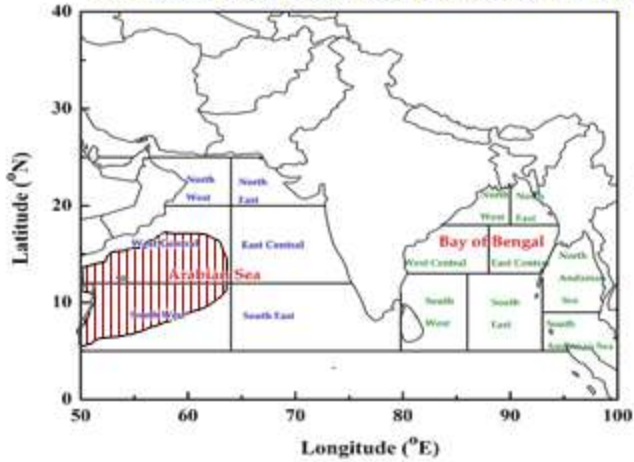
**DAY-1: 17-07-2022/0600UTC TO 18.07.2022/0600 UTC**



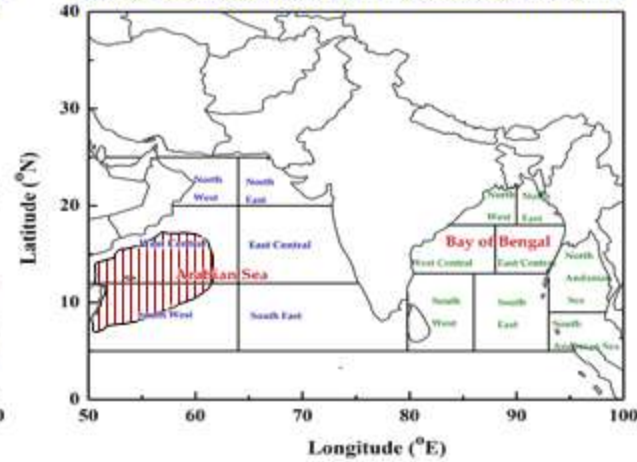
**DAY-2: 18.07.2022/0600 UTC TO 19.07.2022/0600 UTC**



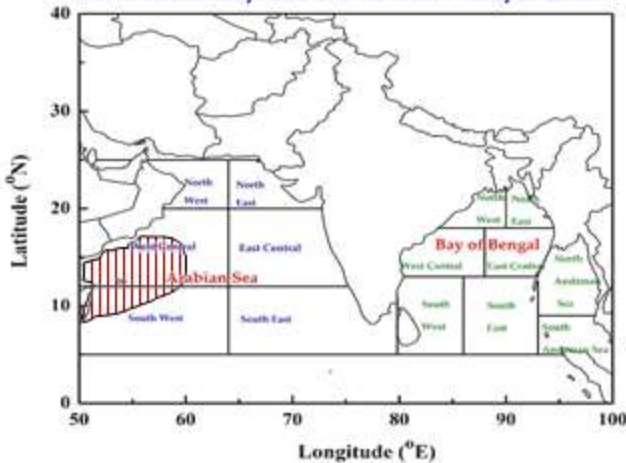
**DAY-3: 19.07.2022/0600 UTC TO 20.07.2022/0600 UTC**







**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)