



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

BULLETIN NO.10 (BOB/02/2022)

TIME OF ISSUE: 0230 HOURS IST

DATED: 22.03.2022

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Sub: Deep Depression over north Andaman Sea and adjoining areas of southeast and eastcentral Bay of Bengal

The Deep Depression over north Andaman Sea and adjoining southeast Bay of Bengal, moved northwards with a speed of 13 kmph during last 06 hours, and lay centered at 2330 hours IST of yesterday, the 21st March, over north Andaman Sea and adjoining areas of eastcentral and southeast Bay of Bengal, near latitude 14.0°N and longitude 94.0°E, about 170 km east-northeast of Mayabundar (Andaman Islands), 290 km north-northeast of Port Blair (Andaman Islands), 390 km southwest of Yangon (Myanmar) and 500 km south of Thandwe (Myanmar).

It would continue to move nearly northwards away from Andaman Islands, weaken gradually and cross Myanmar coast as a depression between latitude 16°N & 18°N around afternoon of 22nd March.

Forecast track and intensity are given in the following table:

Date/Time (IST)	Position (Lat. °N/ Long. °E)	Maximum Sustained Surface Wind speed (kmph)	Category of Cyclonic Disturbance
21.03.22/2330	14.0/94.0	55-65 gusting to 75	Deep Depression
22.03.22/0530	15.1/94.0	50-60 gusting to 70	Deep Depression
22.03.22/1130	15.9/94.1	45-55 gusting to 65	Depression
22.03.22/1730	16.7/94.4	40-50 gusting to 60	Depression

Warnings:

(i) Rainfall (warning graphics enclosed)

No heavy rainfall for Andaman during 22nd March with light to moderate rainfall at a few places over the same region.

(ii) Wind warning

22nd March: squally winds speed reaching 55-65 kmph gusting to 75 kmph prevails over north Andaman Sea & adjoining eastcentral Bay of Bengal and along & off Myanmar coast and north Andaman Islands. It is likely to decrease gradually becoming 45-55 kmph gusting to 65 kmph along and off Myanmar coast and adjoining east central Bay of Bengal and north Andaman Sea from 22nd afternoon for subsequent 12 hours.

(iii) Sea condition

- **22nd March:** Sea condition is very likely to become rough to very rough over north Andaman Sea & adjoining eastcentral Bay of Bengal, along and off north Andaman islands & along and off Myanmar coast during next 24 hours.

(iv) Fishermen Warning (Graphics enclosed)

Fishermen are advised not to venture

- Into Andaman Sea, along & off Andaman Islands and along & off Myanmar coast during 22nd March.
- Into eastcentral Bay of Bengal during 22nd March

Next bulletin will be issued at 0830 hours IST of 22rd March, 2022.

(Shibin Balakrishnan)
Scientist-C, RSMC, New Delhi

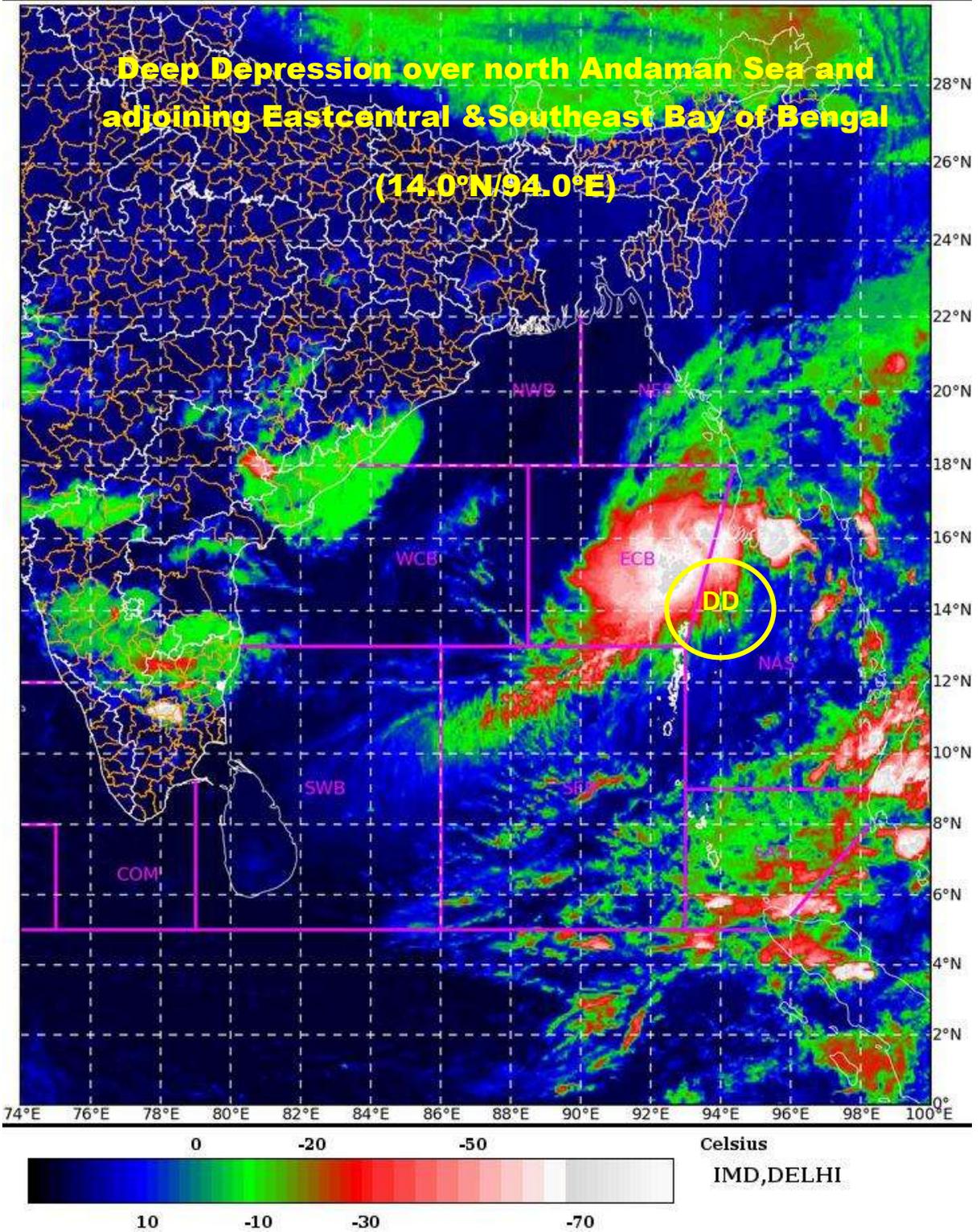
Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswarr/CWC Vishakhapatnam/MO Port Blair

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

SAT : INSAT-3D IMG 21-03-2022/(1700 to 1726) GMT

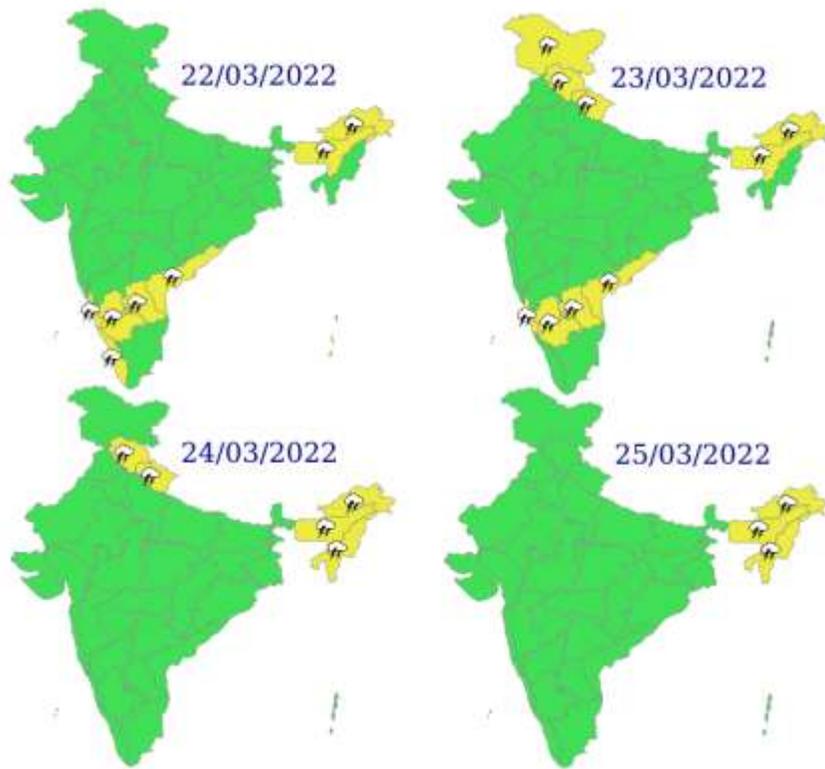
IMG_TIR1_TEMP 10.8 um 21-03-2022/(2230 to 2256) IST

L1C Mercator



DD: DEEP DEPRESSION

Rainfall Warning Graphics



WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

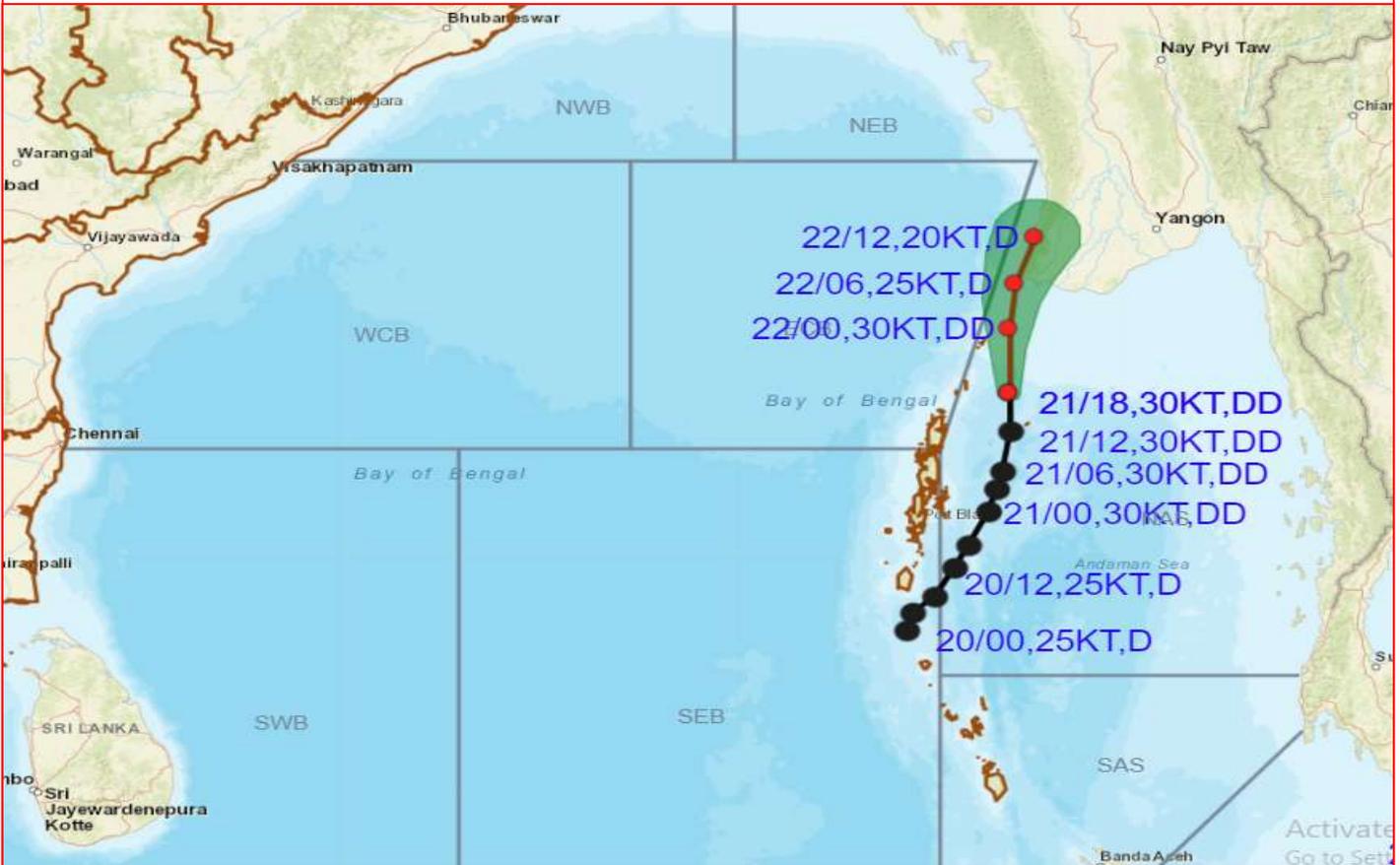


Heavy Rain

Strong Winds



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING AREAS OF EASTCENTRAL & SOUTHEAST BAY OF BENGAL BASED ON 1800 UTC OF 21st MARCH 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)

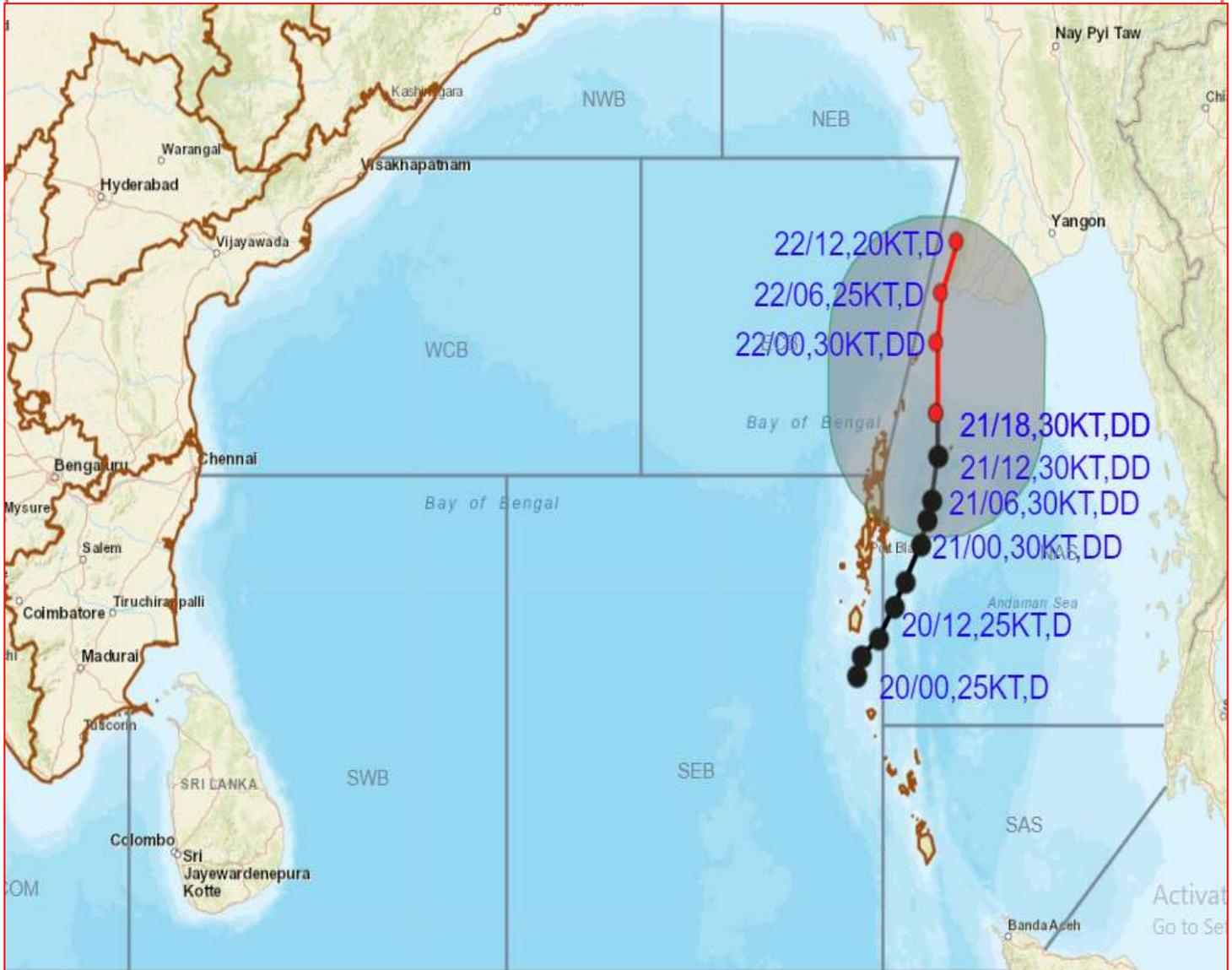
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

STATIONS	DISTANCE(KM) AND DIRECTION FROM STATIONS	
	21.03.22/1800	22.03.22/0600
Yangon	390,SW	240,WSW
Tandwe	500,S	290,S
Hut bay	410,NNE	620,NNE
Portblair	290,NNE	490,NNE
Maya bundar	170,ENE	360,NNE

N:NORTH, NNE:NORTH-NORTHEAST, NE:NORTHEAST, ENE:EAST-NORTHEAST, E:EAST, SE:SOUTHEAST, SSE:SOUTH-SOUTHEAST, S:SOUTH, SSW:SOUTH-SOUTHWEST, SW:SOUTHWEST, WSW:WEST-SOUTHWEST, W:WEST, WNW:WEST-NORTHWEST, NW:NORTHWEST, NNW:NORTH-NORTHWEST



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING AREAS OF EASTCENTRAL & SOUTHEAST BAY OF BENGAL BASED ON 1800 UTC OF 21st MARCH 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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

■ 50-63 KT (92-117 KMPH)

■ ≥ 64 KT (≥118 KMPH)

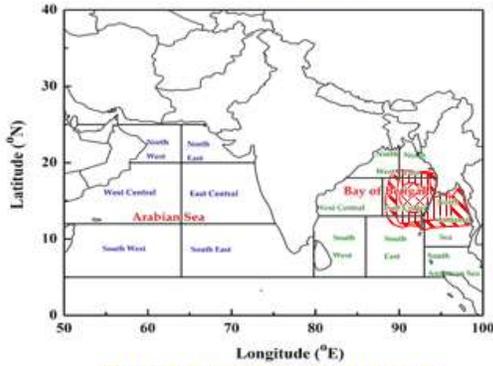
IMPACT OVER THE SEA

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

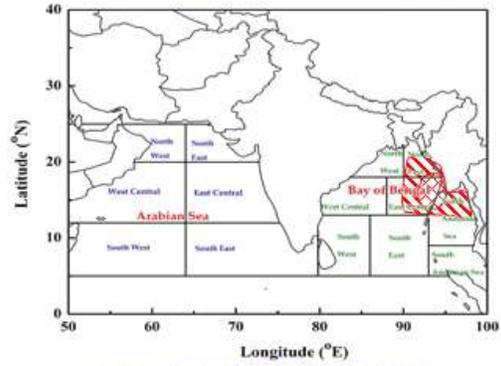
Fishermen warning Graphics

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

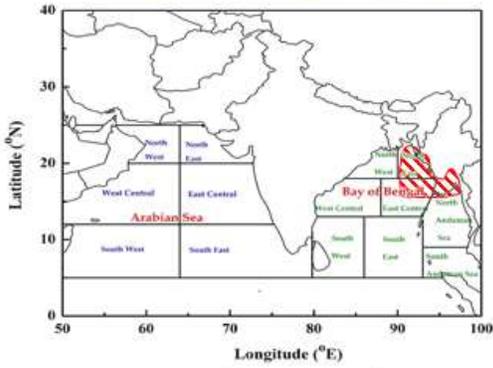
DAY-1: 21.03.2022/0600 UTC TO 22.03.2022/0600 UTC



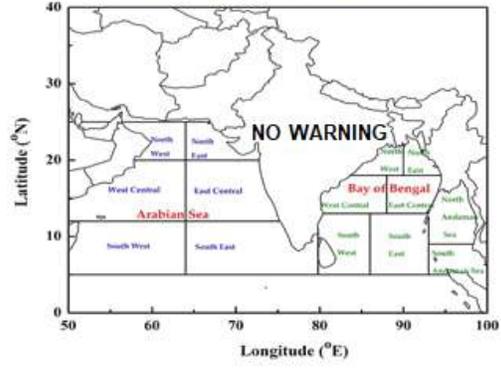
DAY-2: 22.03.2022/0600 UTC TO 23.03.2022/0600 UTC



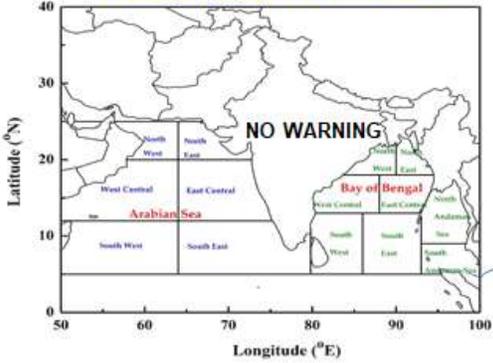
DAY-3: 23.03.2022/0600 UTC TO 24.03.2022/0600 UTC



DAY-4: 24.03.2022/0600 UTC TO 25.03.2022/0600 UTC



DAY-5: 25.03.2022/0600 UTC TO 26.03.2022/0600 UTC



AREA UNDER FISHERMEN WARNING

-  40-50 KMPH GUSTING TO 55 KMPH (SQUALLY WEATHER)
-  45-55 KMPH GUSTING TO 65 KMPH
-  55-65 KMPH GUSTING TO 70 KMPH
-  65-75 KMPH GUSTING TO 85 KMPH