



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

BULLETIN NO.14 (BOB/02/2022)

TIME OF ISSUE: 1700 HOURS IST

DATED: 22.03.2022

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Subject: Deep Depression over north Andaman Sea and adjoining areas of eastcentral Bay of Bengal crossed Myanmar Coast.

The Deep Depression over north Andaman Sea and adjoining areas of eastcentral Bay of Bengal, moved nearly northwards with a speed of 20 kmph during last 06 hours, crossed Myanmar coast near latitude 16.0° N & longitude, 94.2°E as a deep depression between 1330 hours IST and 1430 hours IST and lay centered at 1430 hours IST of today, the 22nd March, over coastal Myanmar near latitude 16.3°N and longitude 94.3°E, about 210 km west-southwest of Yangon (Myanmar), 240 km south of Thandwe (Myanmar), 410 km north-northeast of Mayabundar (Andaman Islands), 540 km north-northeast of Port Blair (Andaman Islands).

It would continue to move nearly north-northeastwards inland over Myanmar and weaken gradually into a depression during next few hours.

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
22.03.22/1430	16.3/94.3	50-60 gusting to 70	Deep Depression
22.03.22/1730	16.7/94.4	45-55 gusting to 65	Depression
22.03.22/2330	17.6/94.8	40-50 gusting to 60	Depression

Warnings:

(i) Rainfall

No heavy rainfall for Andaman Islands 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 50-60 kmph gusting to 70 kmph prevails over north Andaman Sea & adjoining eastcentral Bay of Bengal and along & off Myanmar coast. 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 from evening 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 Myanmar coast and along & off north Andaman islands during next 12 hours.

(iv) Fishermen Warning (Graphics enclosed)

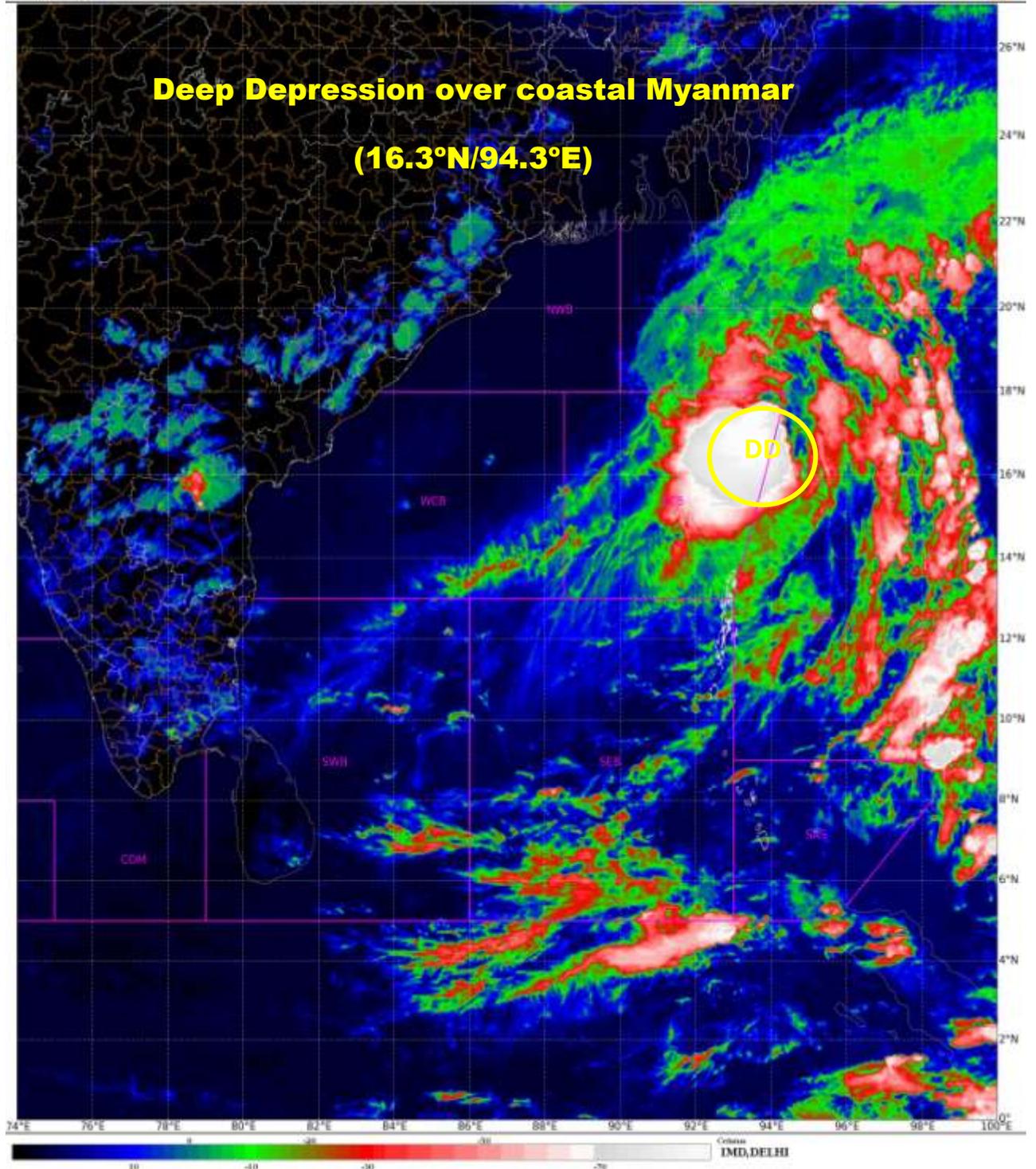
Fishermen are advised not to venture into Eastcentral Bay of Bengal, North Andaman Sea, along & off Myanmar coast and along & off north Andaman Islands on 22nd March.

Next bulletin will be issued at 2030 hours IST of 22rd March, 2022.

(Ananda Kumar Das)
Scientist-E, RSMC, New Delhi

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

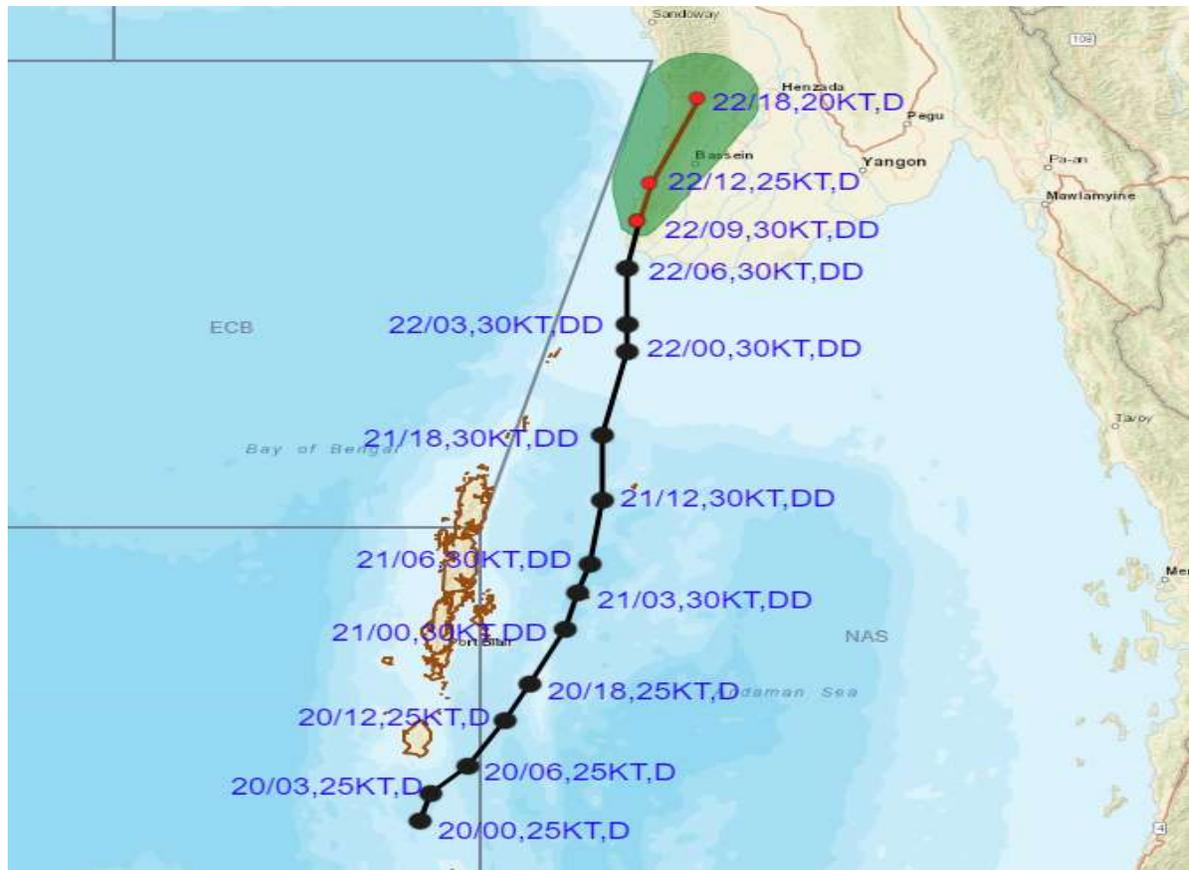
LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total



DD: DEEP DEPRESSION



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER COASTAL MYANMAR BASED ON 0900 UTC OF 22nd 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 (≥ 20 KT)

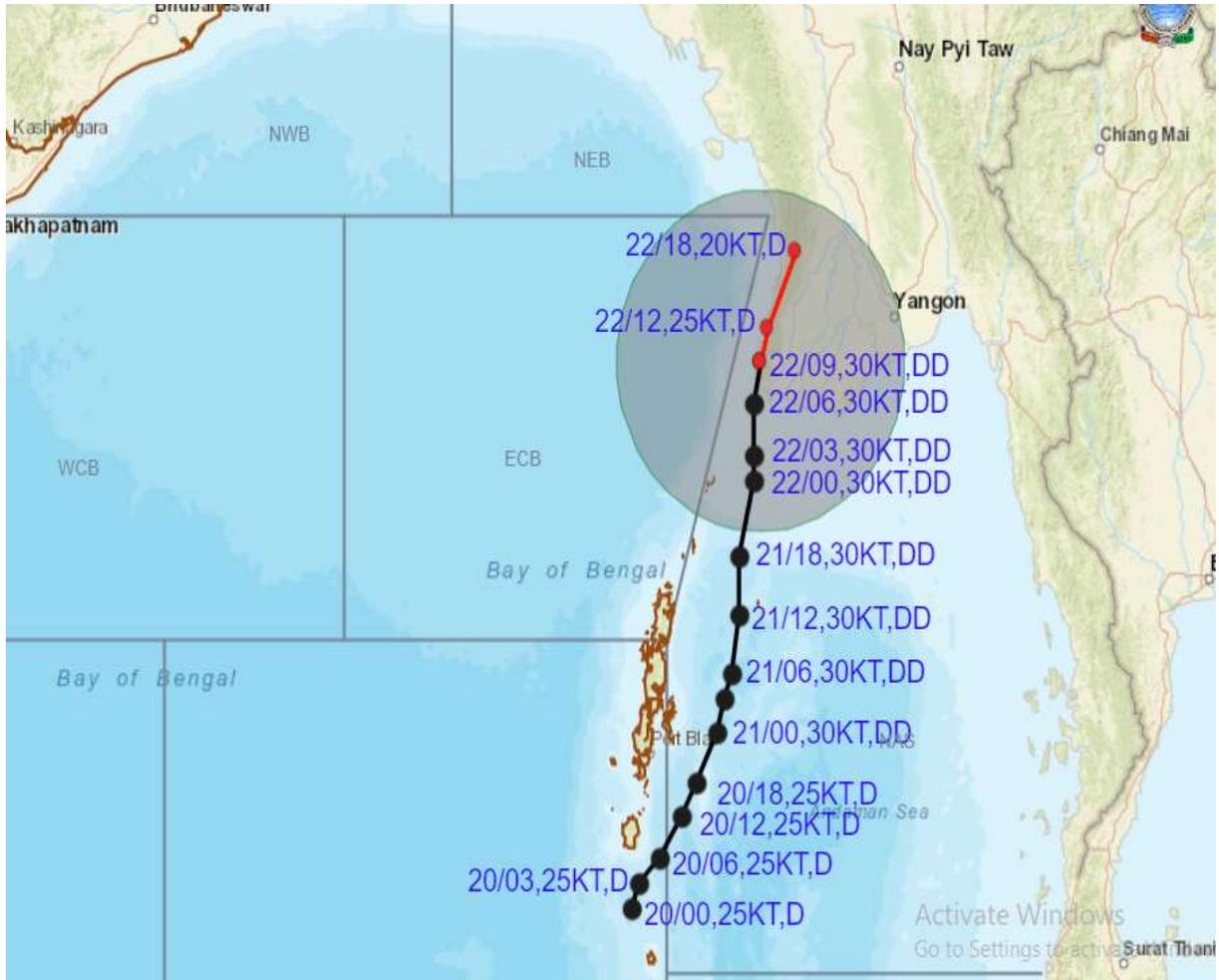
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

STATIONS	DISTANCE(KM) AND DIRECTION FROM STATIONS	
	22.03.22/0900	22.03.22/1800
Yangon	210,WSW	170,WNW
Tandwe	240,S	110,SSE
Hut bay	660,NNE	820,NNE
Portblair	540,NNE	700,NNE
Maya bundar	410,NNE	560,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 ISTRIBUTION OF DEEP DEPRESSION OVER COASTAL MYANMAR BASED ON 0900 UTC OF 22nd 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 (≥20 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)

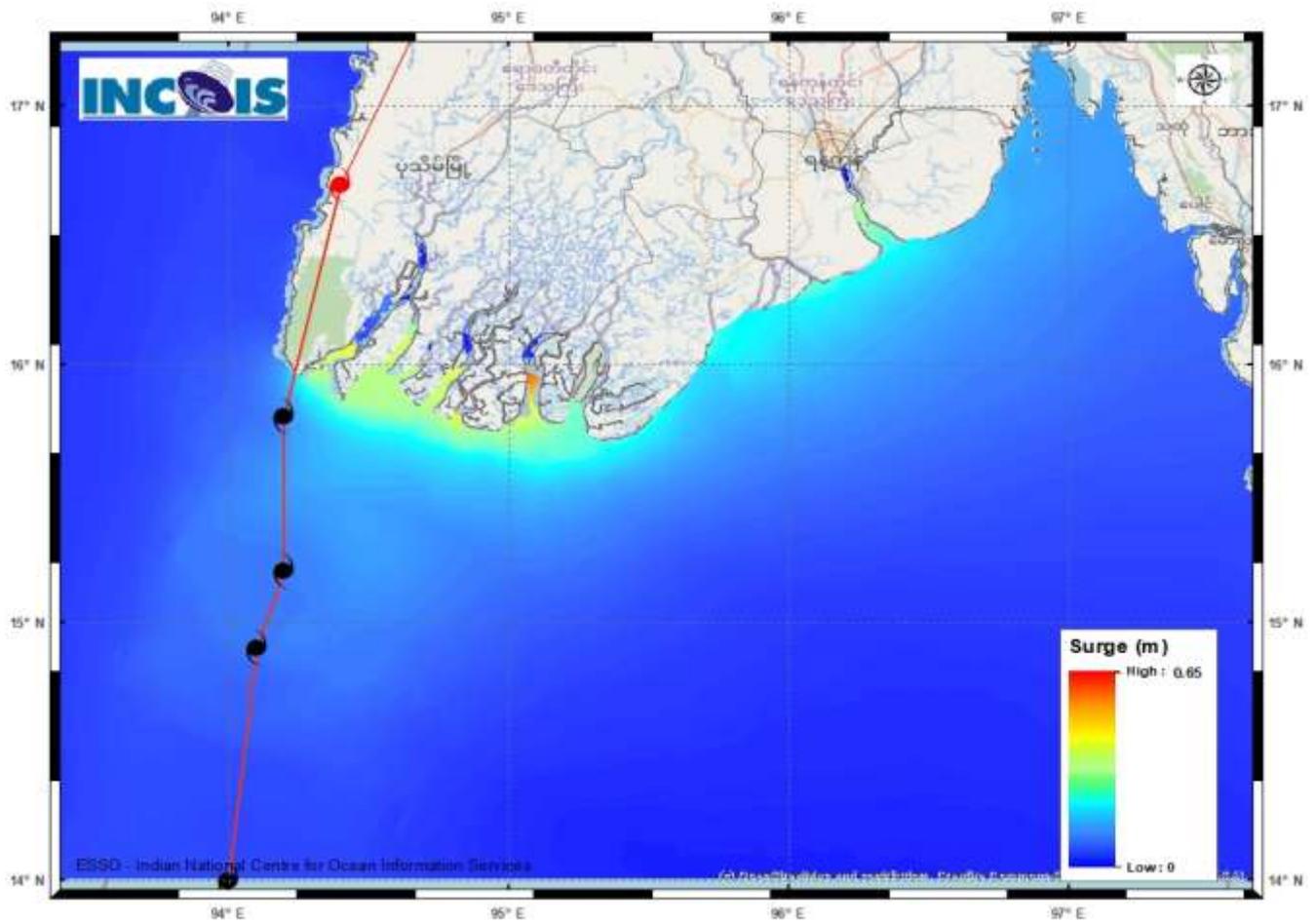
■ 34-49 KT (62-91 KMPH)

■ 50-63 KT (92-117 KMPH)

■ ≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA

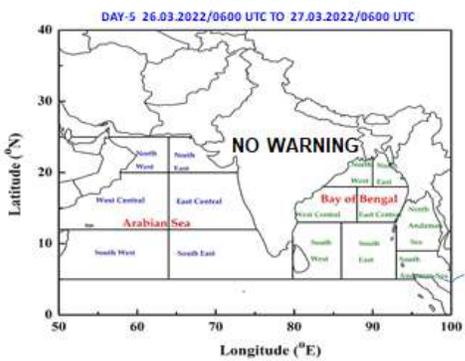
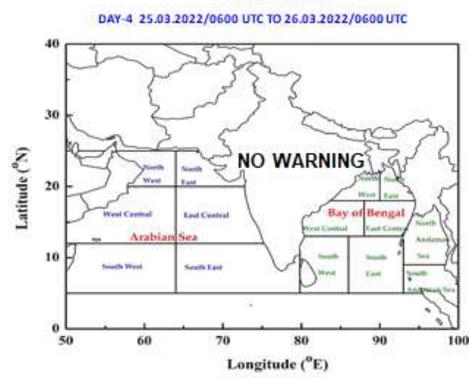
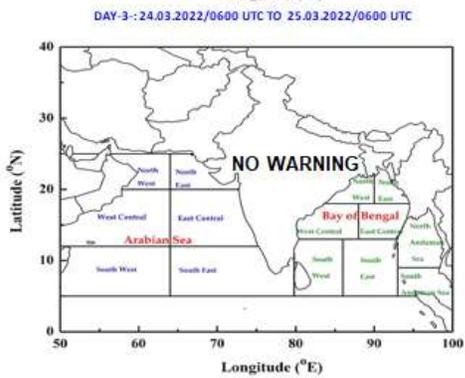
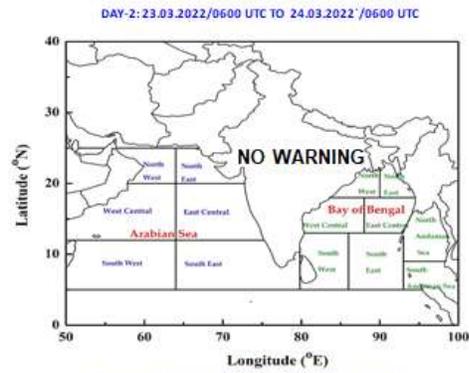
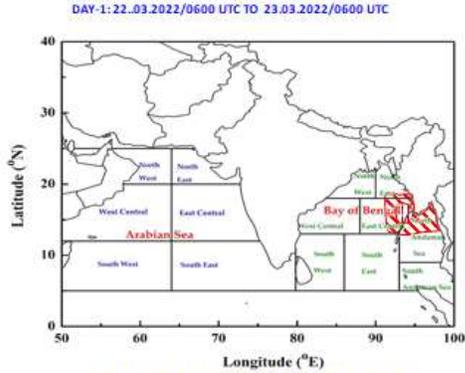
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations



Storm Surge Guidance from INCOIS (Issued at 1200 hours IST)

Fisherman Warning

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



AREA UNDER FISHERMEN WARNING

	40-50 KMPH GUSTING TO 55 KMPH (SQUALLY WEATHER)
	45-55 KMPH GUSTING TO 65 KMPH
	50-60 KMPH GUSTING TO 70 KMPH
	65-75 KMPH GUSTING TO 85 KMPH