



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

BULLETIN NO.15 (BOB/02/2022)

TIME OF ISSUE: 2015 HOURS IST

DATED: 22.03.2022

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

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Subject: Deep Depression over coastal Myanmar weakened into a Depression

The Deep Depression over coastal Myanmar moved nearly north-northeastwards with a speed of 15 kmph during last 06 hours, weaken into a depression and lay centered at 1730 hours IST of today, the 22nd March, over coastal Myanmar and adjoining eastcentral Bay of Bengal near latitude 16.6°N and longitude 94.4°E, about 190 km west of Yangon (Myanmar), 210 km south of Thandwe (Myanmar), 440 km north-northeast of Mayabundar (Andaman Islands) and 580 km north-northeast of Port Blair (Andaman Islands).

It would continue to move nearly north-northeastwards and weaken gradually into a well-marked low pressure area by morning of tomorrow, 23rd March 2022.

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
22.03.22/1730	16.6/94.4	45-55 gusting to 65	Depression
22.03.22/2330	17.5/94.5	40-50 gusting to 60	Depression
23.03.22/0530	18.4/94.6	20-30 gusting to 40	Well-Marked Low

Warnings:

(i) Wind warning

22nd March: Squally winds speed reaching 45-55 kmph gusting to 65 kmph prevails over eastcentral Bay of Bengal and along & off Myanmar coast. It is likely to decrease gradually becoming 40-50 kmph gusting to 60 kmph along and off Myanmar coast and adjoining east central Bay of Bengal till mid-night.

(ii) Sea condition

22nd March: Sea condition is very likely to remain rough over eastcentral Bay of Bengal and along and off Myanmar coast during next 12 hours.

(iv) Fishermen Warning (Graphics enclosed)

Fishermen are advised not to venture into Eastcentral Bay of Bengal and along & off Myanmar coast on 22nd March.

Next bulletin will be issued at 0230 hours IST of 23rd 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

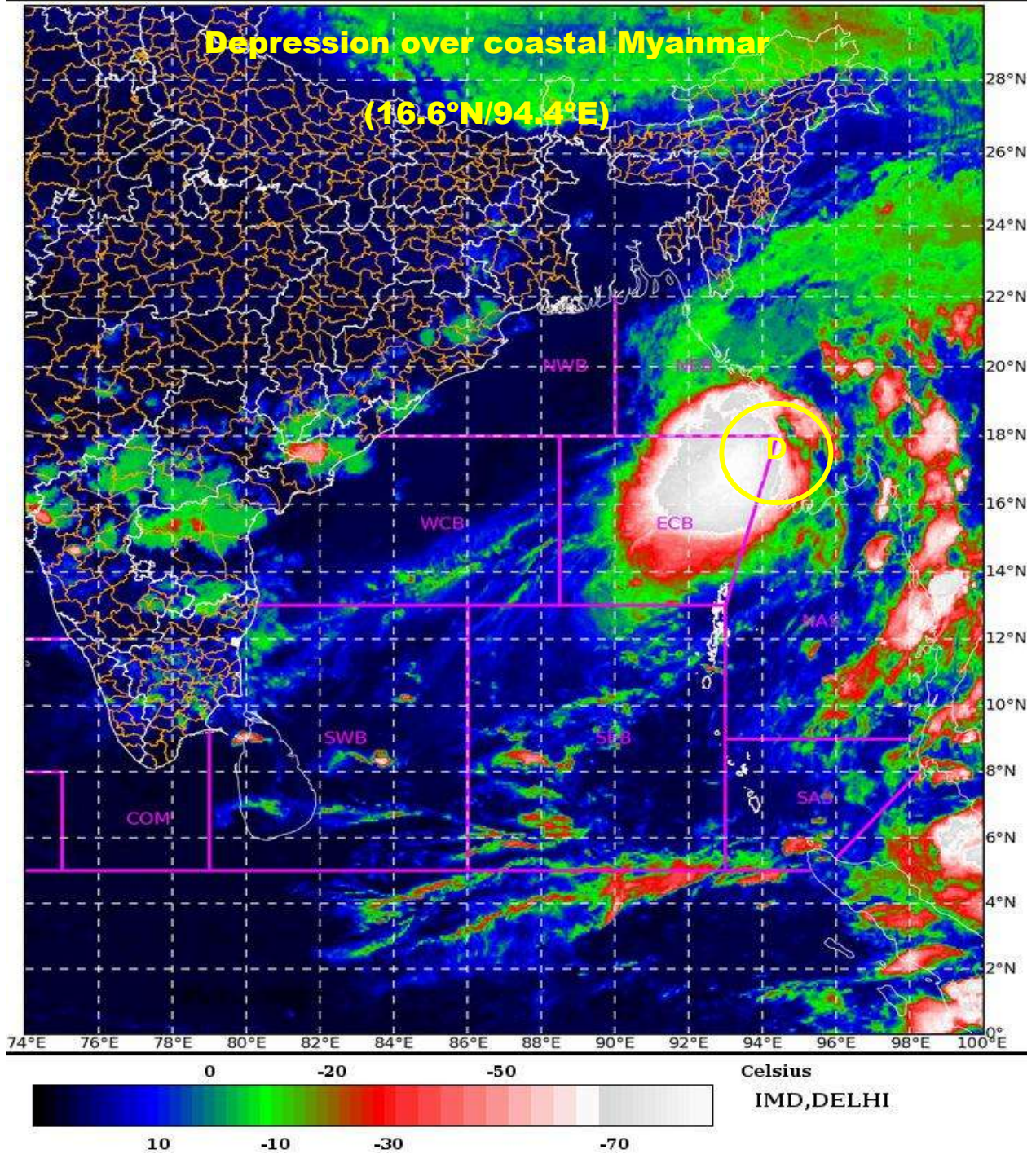
SAT : INSAT-3D IMG

22-03-2022/(1330 to 1356) GMT

IMG_TIR1_TEMP 10.8 um

22-03-2022/(1900 to 1926) IST

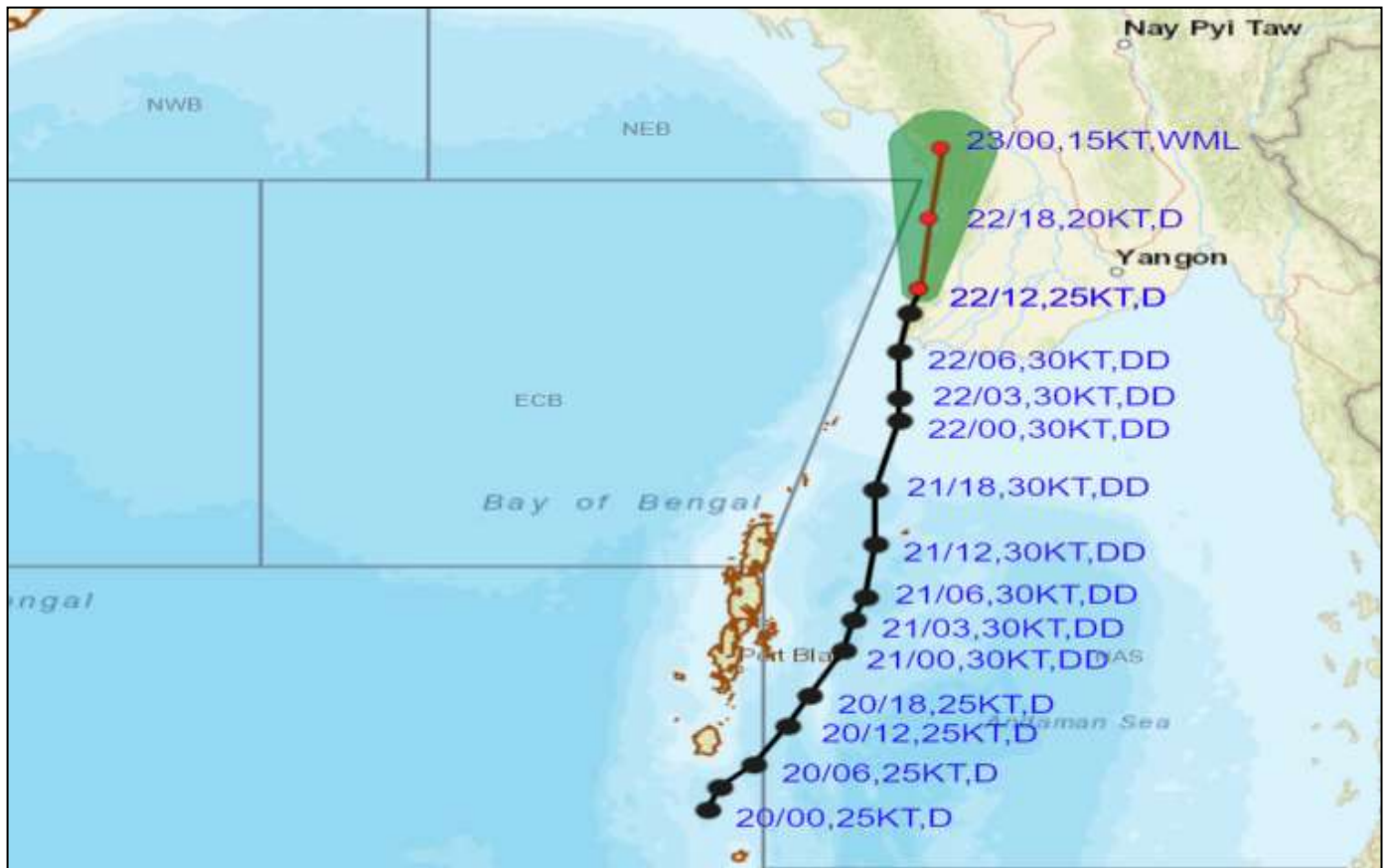
L1C Mercator



D: DEPRESSION



**OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEPRESSION
OVER COASTAL MYANMAR BASED ON 1200 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 (≥ 120 KT)

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

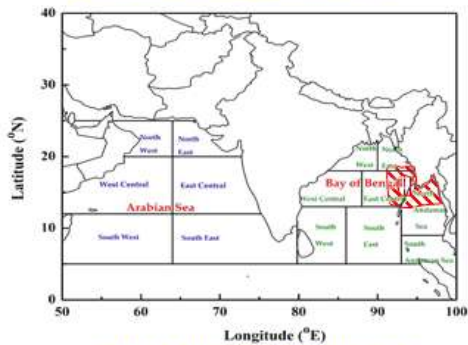
STATIONS	DISTANCE(KM) AND DIRECTION FROM STATIONS	
	22.03.22/1200	23.03.22/0000
Yangon	190,W	250,NW
Tandwe	210,S	30,ESE
Hut bay	700,NNE	900,NNE
Portblair	580,NNE	780,NNE
Maya bundar	440,NNE	640,NNE

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

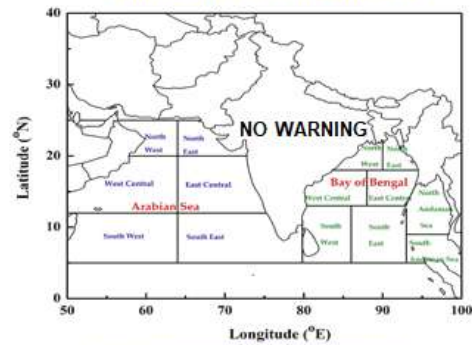
Fisherman Warning

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

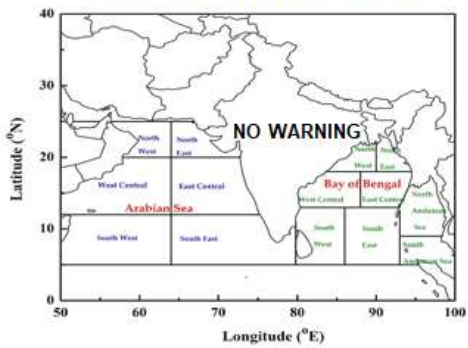
DAY-1: 22.03.2022/0600 UTC TO 23.03.2022/0600 UTC



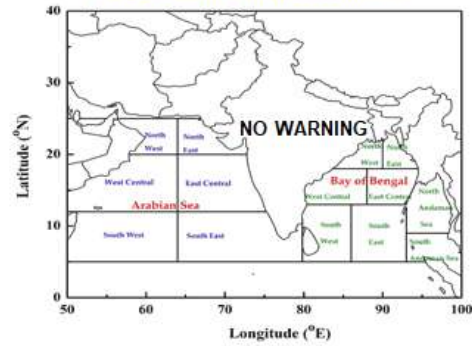
DAY-2: 23.03.2022/0600 UTC TO 24.03.2022/0600 UTC



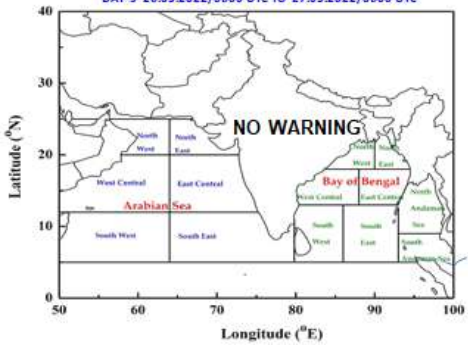
DAY-3: 24.03.2022/0600 UTC TO 25.03.2022/0600 UTC




DAY-4: 25.03.2022/0600 UTC TO 26.03.2022/0600 UTC



DAY-5: 26.03.2022/0600 UTC TO 27.03.2022/0600 UTC



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