



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

BULLETIN NO. 1 (BOB/04/2022)

TIME OF ISSUE: 1130 HOURS IST

DATED: 20.05.2022

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

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Sub: Depression over Gulf of Martaban and adjoining Myanmar

Latest observations indicate that a depression has formed over Gulf of Martaban and adjoining Myanmar and lay centered at 0830 hours IST of today, the 20th May, 2022 near latitude 16.2°N and longitude 97.3°E, about 40 km southwest of Mawlamyine (Myanmar), 140 km east-southeast of Yangon (Myanmar) and 700 km northeast of Port Blair (Andaman Islands).

It is very likely to move northeastwards and cross south Myanmar coast around Mawlamyine by evening of today, the 20th May, 2022.

Warnings:

(i) Rainfall (warning graphics enclosed)

Light to moderate rainfall at most places with heavy rainfall at isolated places very likely over Andaman Islands during next 24 hours.

(ii) Wind warning

Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over Gulf of Martaban, adjoining North Andaman Sea and along & off South Myanmar coast during next 24 hours.

(iii) Sea condition

Sea condition is very likely to become rough to very rough over Gulf of Martaban, adjoining North Andaman Sea and along & off South Myanmar coast during next 24 hours.

(iv) Fishermen Warning

- Fishermen are advised not to venture into Gulf of Martaban, adjoining North Andaman Sea Andaman and along & off South Myanmar coast during next 24 hours.

The system is under continuous surveillance and the next message will be issued at 1430 hours IST of today, the 20th May, 2022.

(M. Sharma)
Scientist-D, RSMC, New Delhi

Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/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

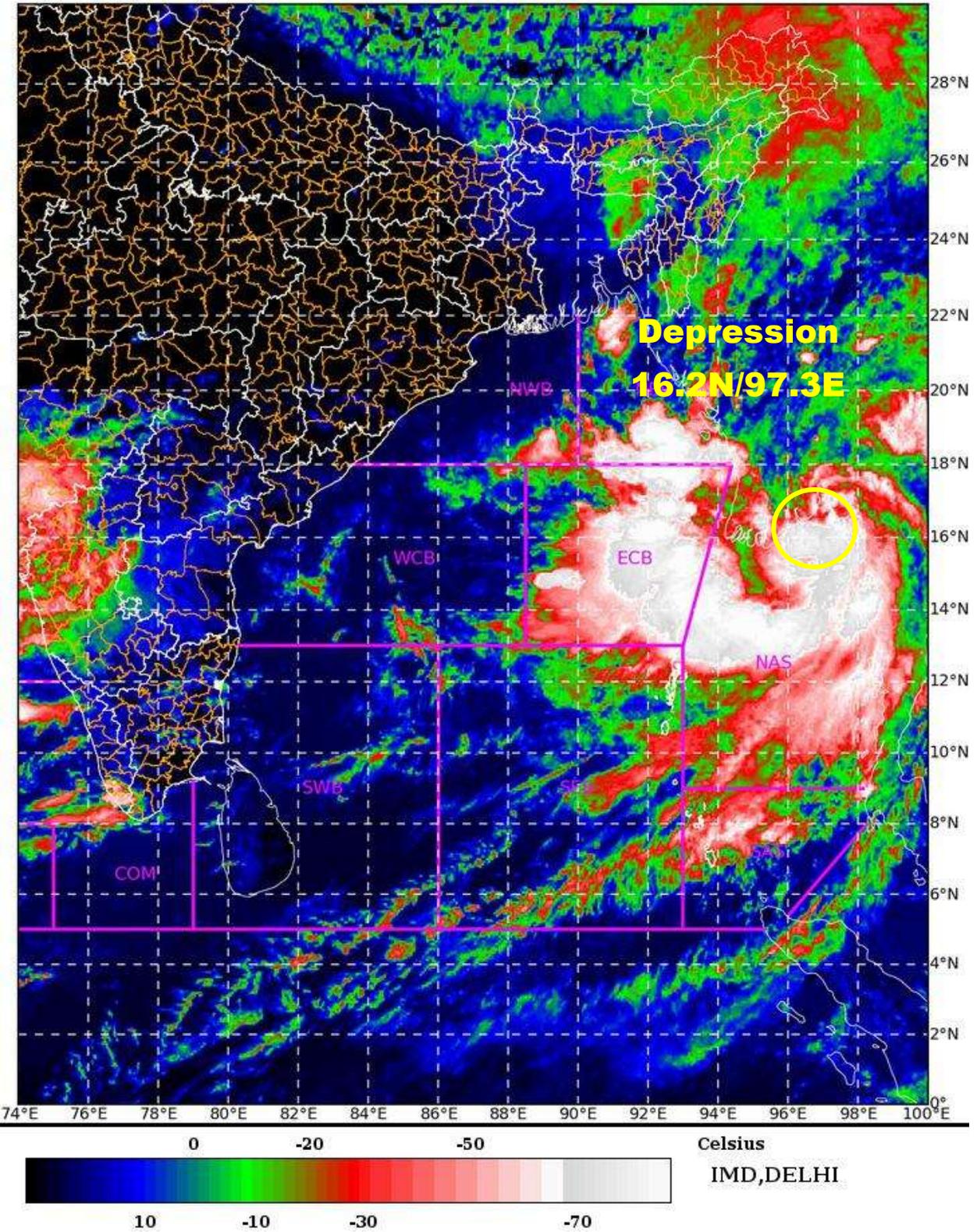
SAT : INSAT-3D IMG

20-05-2022/(0500 to 0526) GMT

IMG_TIR1_TEMP 10.8 um

20-05-2022/(1030 to 1056) IST

L1C Mercator





FORECAST TRACK OF DEPRESSION OVER GULF OF MARTABAN AND ADJOINING MYANMAR BASED ON 0300 UTC OF 20th MAY 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