



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

**BULLETIN NO. 3 (BOB/04/2022)**

**TIME OF ISSUE:1630 HOURS IST**

**DATED: 20.05.2022**

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

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**Sub: Depression crossed South Myanmar coast**

The depression over Gulf of Martaban moved north-northeastwards with a speed of 12 kmph during last 06 hours, crossed South Myanmar coast close to Mawlamyine (Myanmar) near latitude 16.53°N and longitude 97.46°E between 1330 & 1430 hours IST and lay centered at 1430 hours IST of today, the 20<sup>th</sup> May, 2022 over South coastal Myanmar near latitude 16.8°N and longitude 97.6°E, about 30 km north of Mawlamyine (Myanmar), 150 km east of Yangon (Myanmar) and 780 km northeast of Port Blair (Andaman Islands).

It is very likely to move further north-northeastwards and weaken gradually into a well marked low pressure area over Northwest Thailand and adjoining Myanmar during next 24 hours.

**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 (warning graphics enclosed)**

- 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 2030 hours IST of today, the 20<sup>th</sup> May, 2022.**

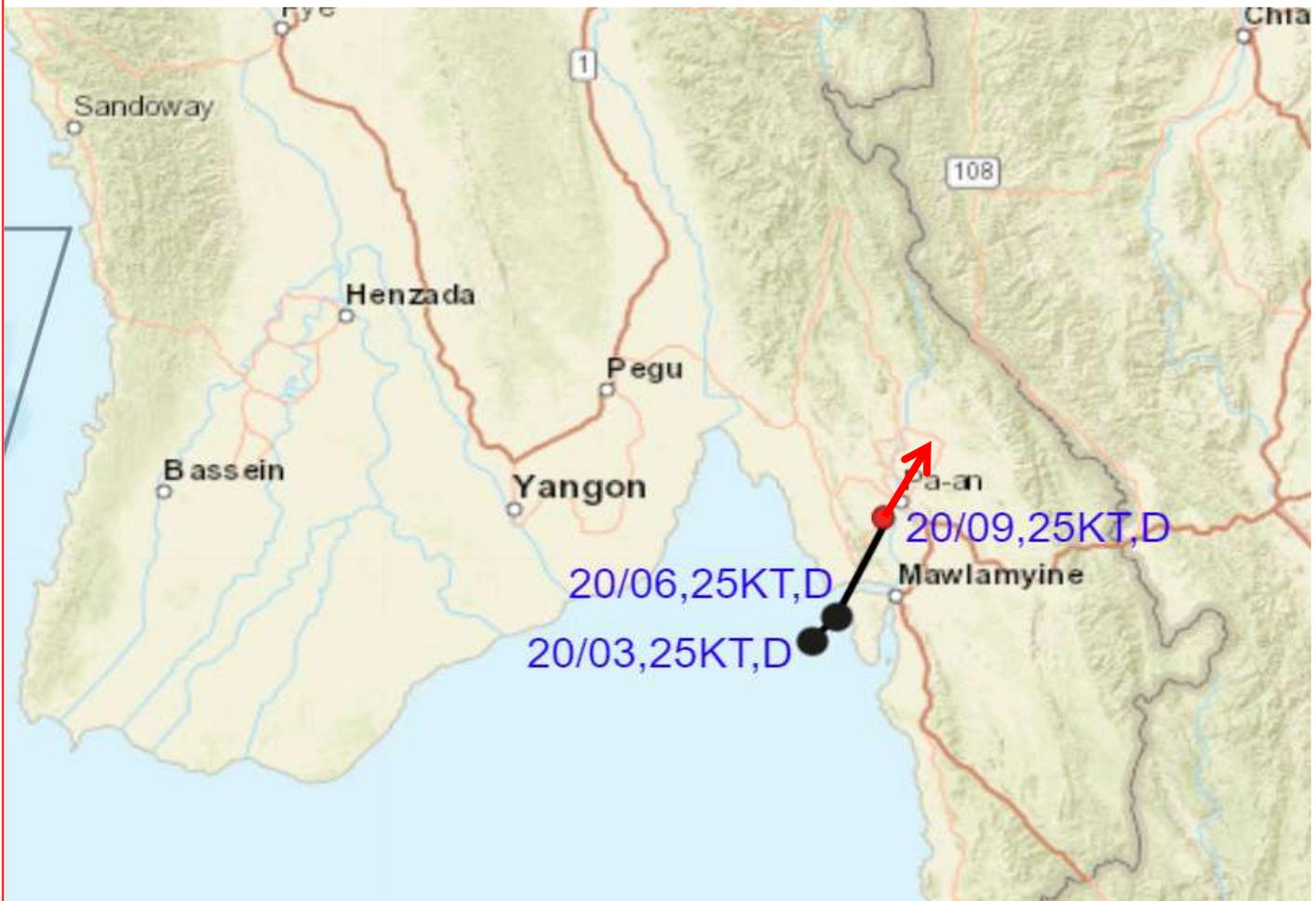
**(M. Sharma)**  
**Scientist-D, RSMC, New Delhi**

*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



## FORECAST TRACK OF DEPRESSION OVER SOUTH COASTAL MYANMAR BASED ON 0900 UTC OF 20<sup>th</sup> 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 ( $\geq$  120 KT)

● LESS THAN 34 KT

⊙ 34-47 KT

⊙  $\geq$  48 KT

— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY

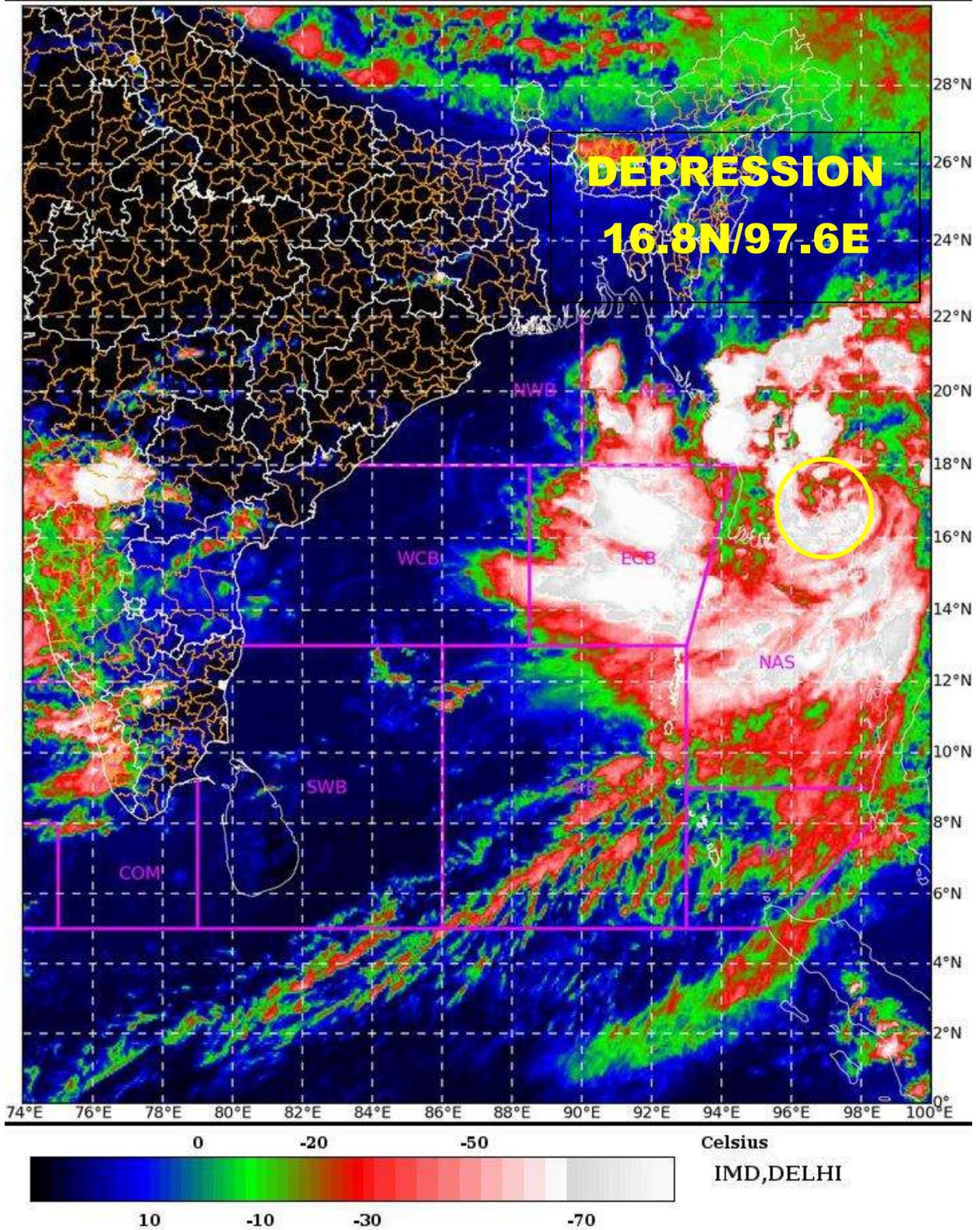
SAT : INSAT-3D IMG

20-05-2022/(1000 to 1026) GMT

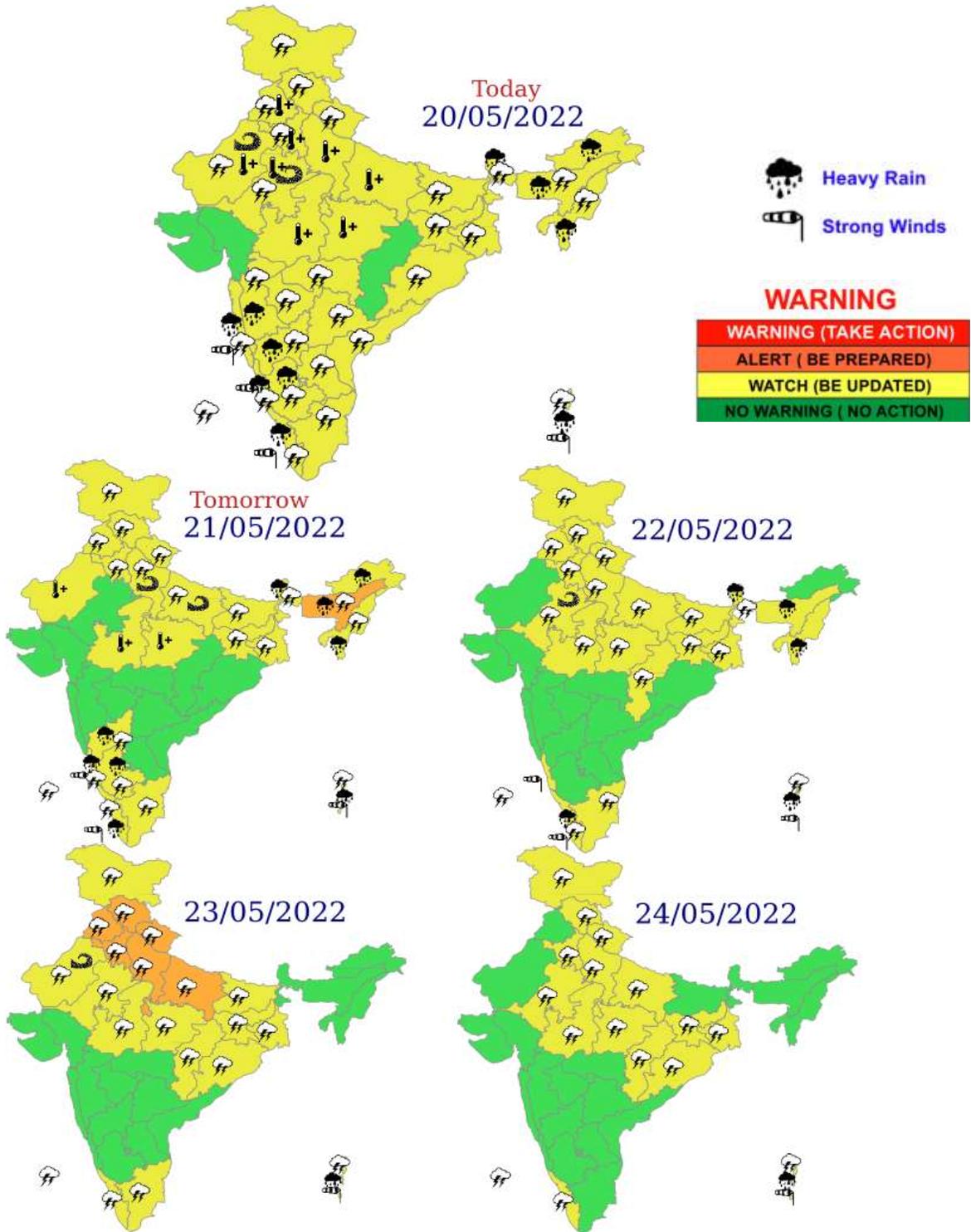
IMG\_TIR1\_TEMP 10.8 um

20-05-2022/(1530 to 1556) IST

L1C Mercator

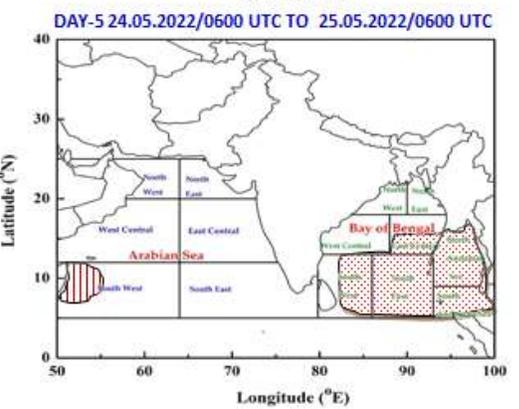
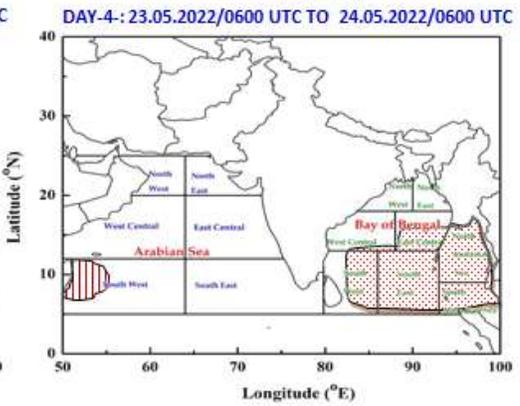
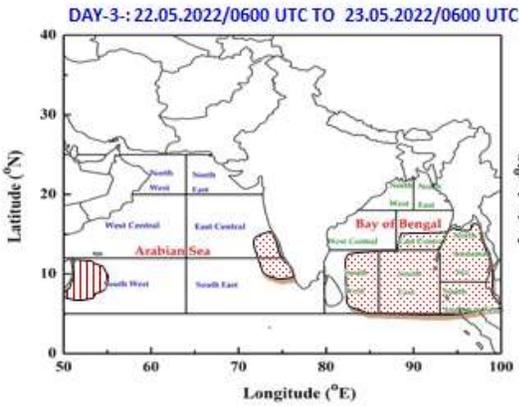
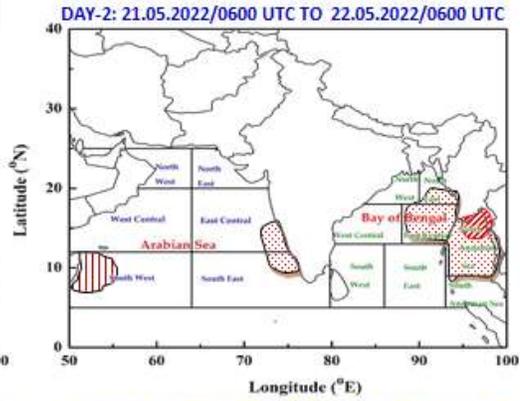
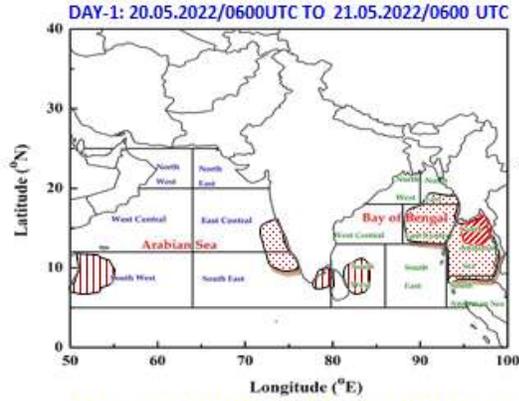


# Rainfall Warning Graphics



# Fishermen Warning Graphics

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



**AREA UNDER FISHERMEN WARNING**

-  40-50 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
-  40-50 KMPH GUSTING TO 60 KMPH (STRONG WIND)
-  50-60 KMPH GUSTING TO 70 KMPH