



India Meteorological Department
(Ministry of Earth Sciences)

SPECIAL MESSAGE (BOB/03/2022)

TIME OF ISSUE:1230 HOURS IST

DATED: 07.05.2022

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

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CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)
CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)
CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)

Sub: Well Marked Low pressure area over Southeast Bay of Bengal and adjoining South Andaman Sea & it's likely intensification into a cyclonic storm on 8th May, 2022

The **Low Pressure Area** over South Andaman Sea & neighbourhood has become **Well Marked Low Pressure Area** and persisted over Southeast Bay of Bengal and adjoining South Andaman Sea at 0830 hours IST of today, the 7th May, 2022.

It is very likely to move northwestwards and intensify into a **Depression** over southeast Bay of Bengal during next 3 hours and further into a **Cyclonic Storm** over eastcentral Bay of Bengal on 8th May. It is very likely to continue to move northwestwards till 10th May evening and reach Westcentral and adjoining Northwest Bay of Bengal off North Andhra Pradesh & Odisha coasts. Thereafter, it is very likely to recurve north-northeastwards and move towards Northwest Bay of Bengal off Odisha coast.

Warnings:

(i) Rainfall (warning graphics enclosed)

7th May: Rainfall at most places with heavy rainfall at isolated places very likely over Andaman & Nicobar Islands.

10th May: **Light to moderate rainfall** likely at a few places with heavy rainfall at isolated places over coastal Odisha and adjoining areas of north coastal Andhra Pradesh from 10th evening.

11th May: Rainfall at a few places with heavy rainfall at isolated places likely over coastal Odisha and adjoining coastal areas of north Andhra Pradesh and West Bengal.

(ii) Wind warning

➤ **7th May:** Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over Andaman & Nicobar Islands, Andaman Sea and adjoining Southeast & Eastcentral Bay of Bengal.

- **8th May:** Squally wind speed reaching 55-65 kmph gusting to 75 kmph is likely to prevail over Southeast & adjoining Eastcentral Bay of Bengal and would gradually increase becoming gale wind speed reaching 65-75 gusting to 85 kmph over the same region from 8th May evening. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea and Andaman & Nicobar Islands.
- **9th May:** Gale wind speed reaching 65-75 kmph gusting to 85 kmph is likely to prevail over central parts of Bay of Bengal.
- **10th May:** Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely to prevail around the system center over Westcentral and adjoining Northwest & Eastcentral Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over coastal districts of north Andhra Pradesh.
- **11th May:** Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over northwest and adjoining Westcentral Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over coastal districts of Odisha and adjoining coastal north Andhra Pradesh.

(iii) Sea condition

- **7th May:** Sea condition is very likely to become rough to very rough over Andaman Sea and adjoining southeast Bay of Bengal.
- **8th May:** Sea condition is very likely to become high over Southeast & adjoining Eastcentral Bay of Bengal. The sea condition over Andaman Sea would gradually improve becoming rough.
- **9th- 10th May:** Sea condition is likely to become high over central parts of Bay of Bengal on 9th May and over Westcentral & adjoining Northwest and Eastcentral Bay of Bengal on 10th May.
- **11th May:** Sea condition is likely to become high over Northwest and adjoining Westcentral Bay of Bengal.

(iv) Fishermen Warning (Graphics enclosed)

- Fishermen are advised not to venture into Andaman Sea and adjoining Southeast Bay of Bengal during 7th-8th May.
- Fishermen are advised not to venture into Eastcentral Bay of Bengal on 8th May.
- Fishermen are advised not to venture into central parts of Bay of Bengal on 9th & 10th May and over Northwest Bay of Bengal on 10th & 11th May.
- Fishermen out at sea are advised to return to coast.

(v) ACTION SUGGESTED for Andaman and Nicobar Islands during 7th – 8th May

- Total suspension of fishing and tourism activities.
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.
- Regulate off-shore activities

The system is under continuous surveillance and the next message will be issued at 2030 hours IST of today, the 7th May, 2022.

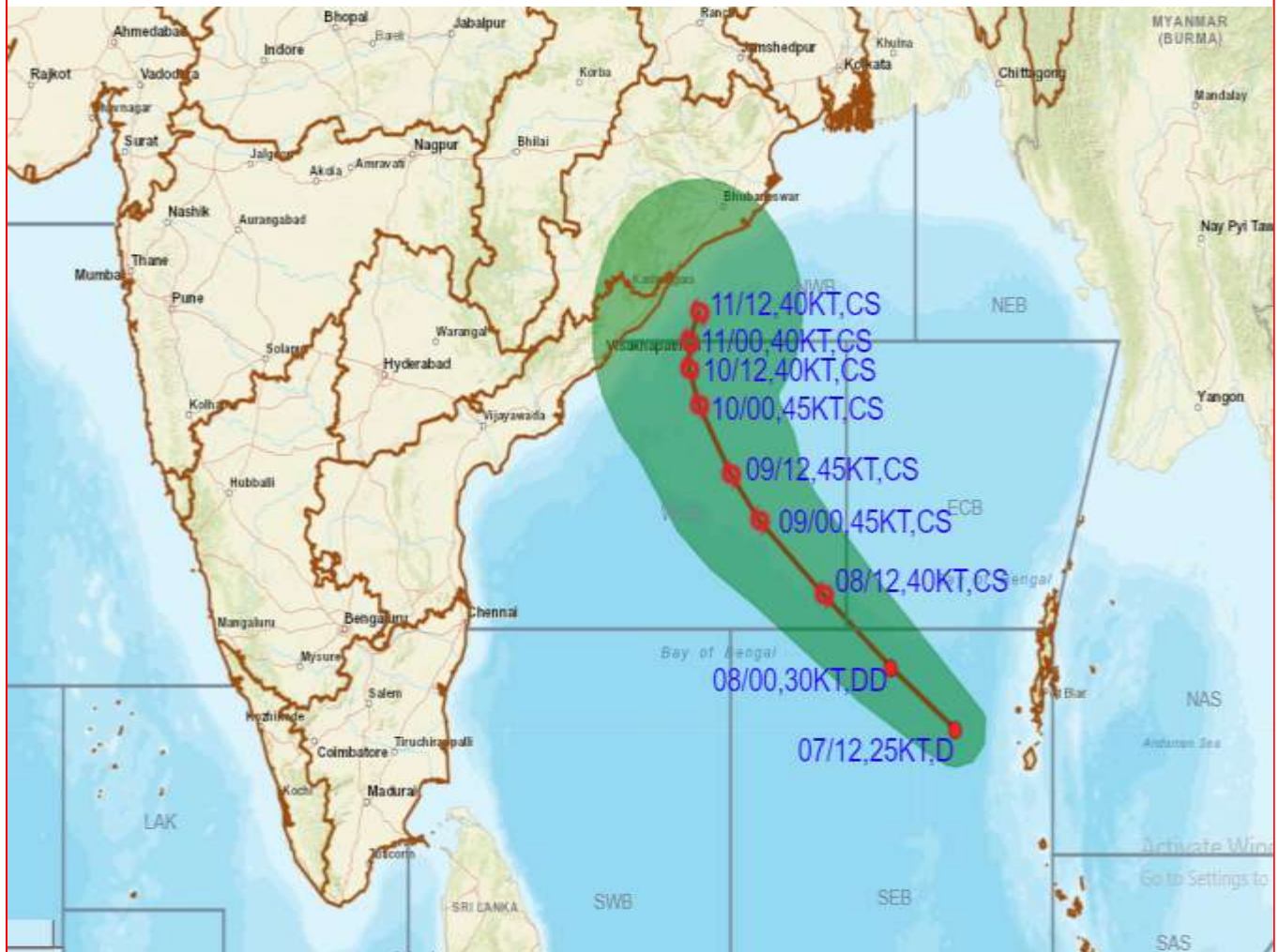
**(Ananda Kumar Das)
Scientist-E, RSMC, New Delhi**

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



EXPERIMENTAL PRE-GENESIS TRACK AND INTENSITY FORECAST ALONGWITH CONE OF UNCERTAINTY ISSUED AT THE STAGE OF LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL AND ADJOINING SOUTH ANDAMAN SEA ON 0300 UTC OF 7TH MAY 2022

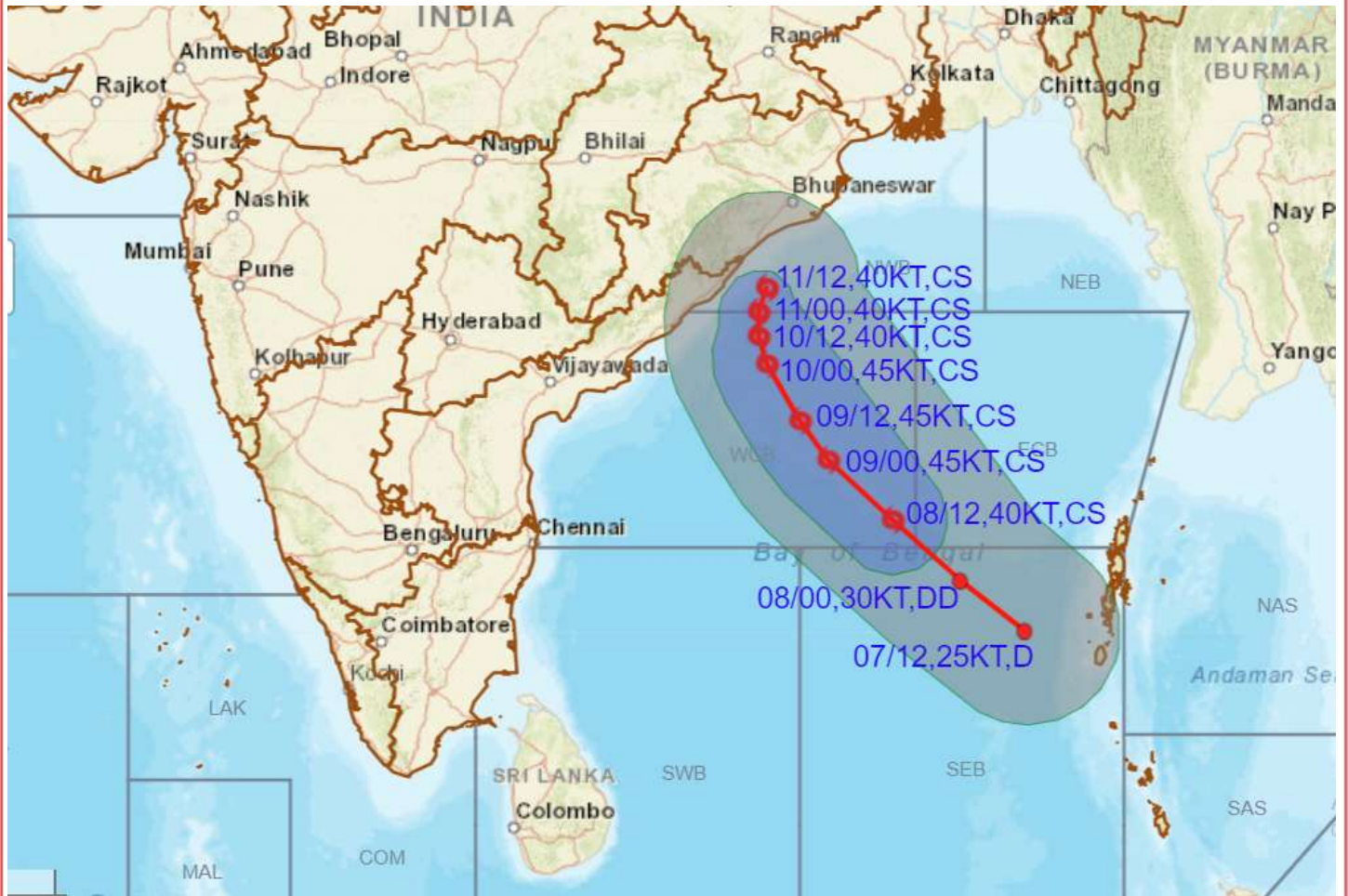


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

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



EXPERIMENTAL PRE-GENESIS TRACK AND INTENSITY FORECAST ALONGWITH QUADRANT WIND DISTRIBUTION ISSUED AT THE STAGE OF LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL & ADJOINING SOUTH ANDAMAN SEA ON 0300 UTC OF 7TH 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

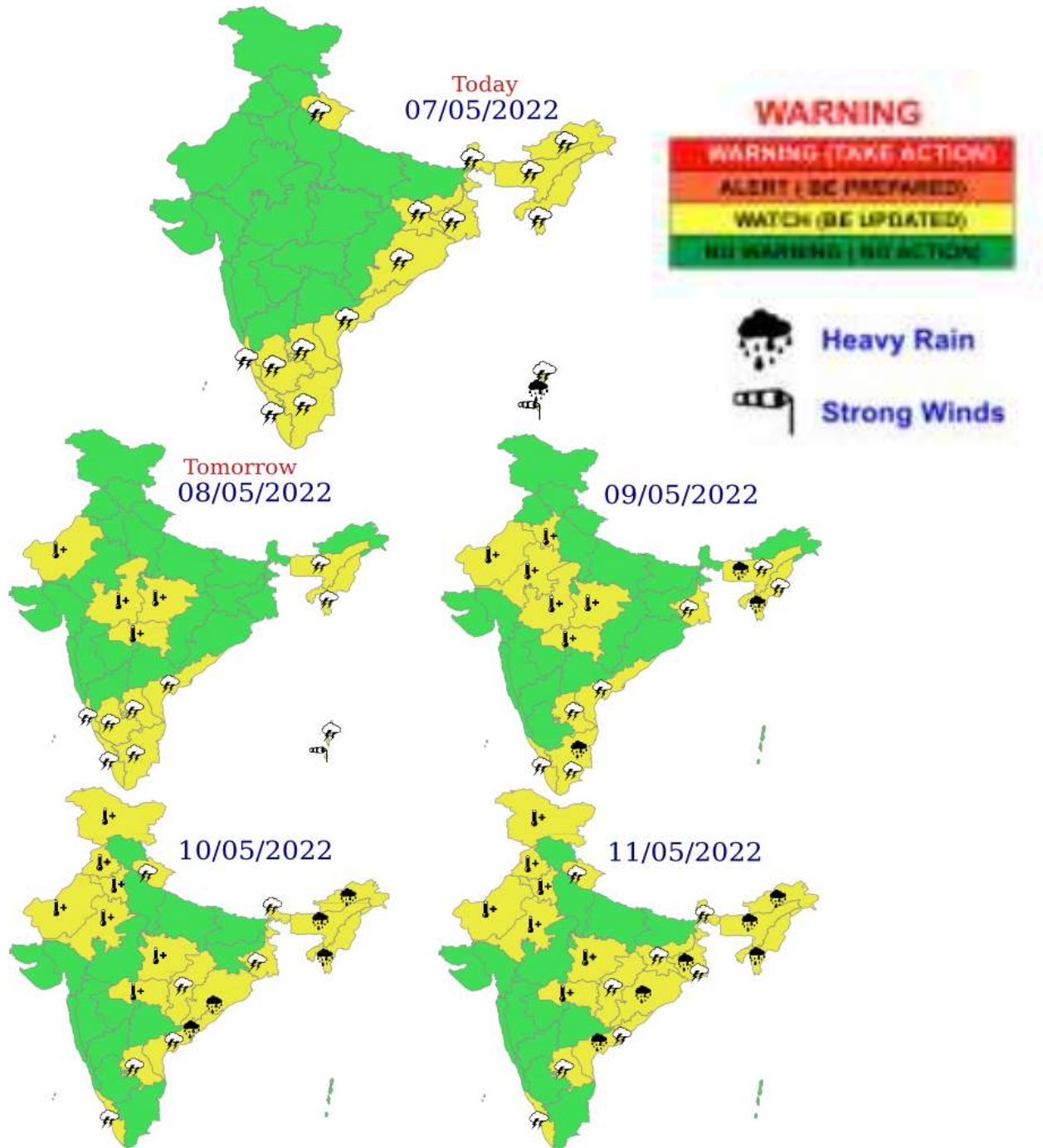
AREA OF MAXIMUM SUSTAINED WIND SPEED:

- 28-33 KT (52-61 KMPH)
- 34-49 KT (62-91 KMPH)
- 50-63 KT (92-117 KMPH)
- \geq 64 KT (\geq 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
\geq 64 (\geq 118)	Phenomenal	Total suspension of fishing operations

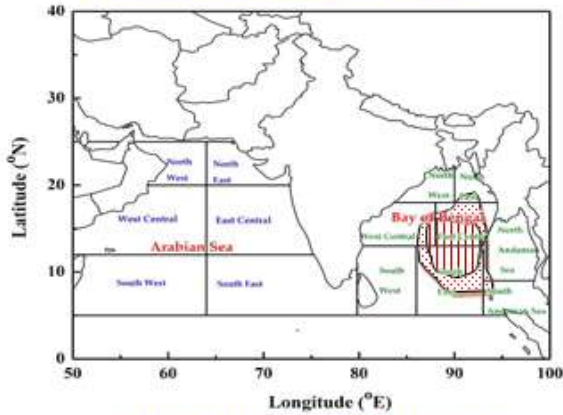
Heavy rainfall warning Graphics



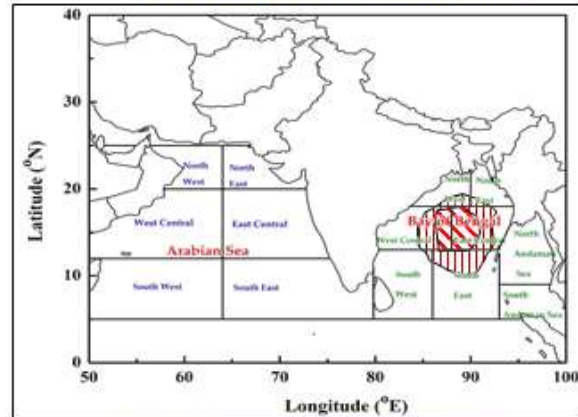
Fishermen Warning Graphics

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

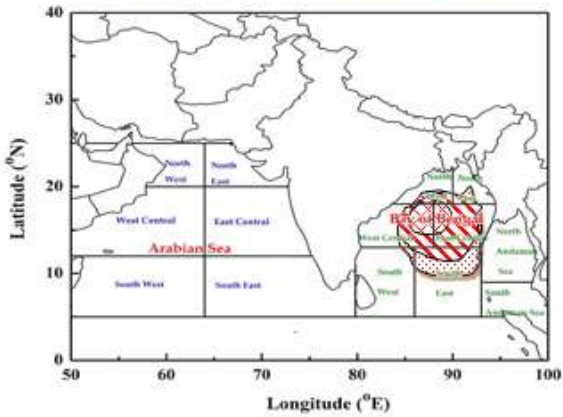
DAY-1: 07.05.2022/0600 UTC TO 08.05.2022/0600 UTC



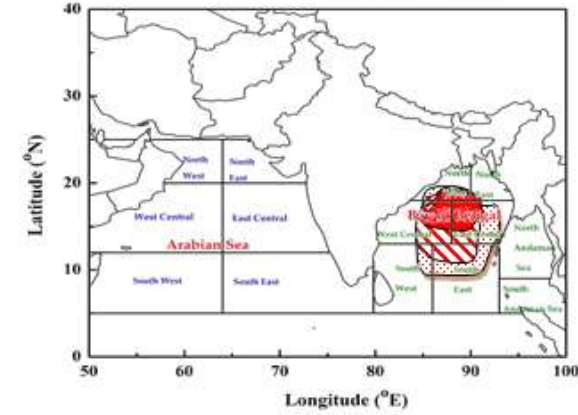
DAY-2: 08.05.2022/0600 UTC TO 09.05.2022/0600 UTC



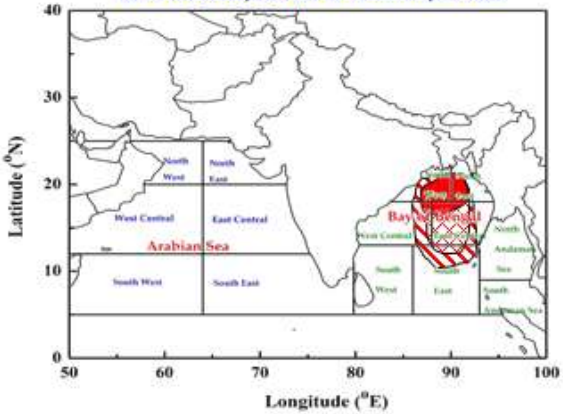
DAY-3: 09.05.2022/0600 UTC TO 10.05.2022/0600 UTC




DAY-4: 10.05.2022/0600 UTC TO 11.05.2022/0600 UTC



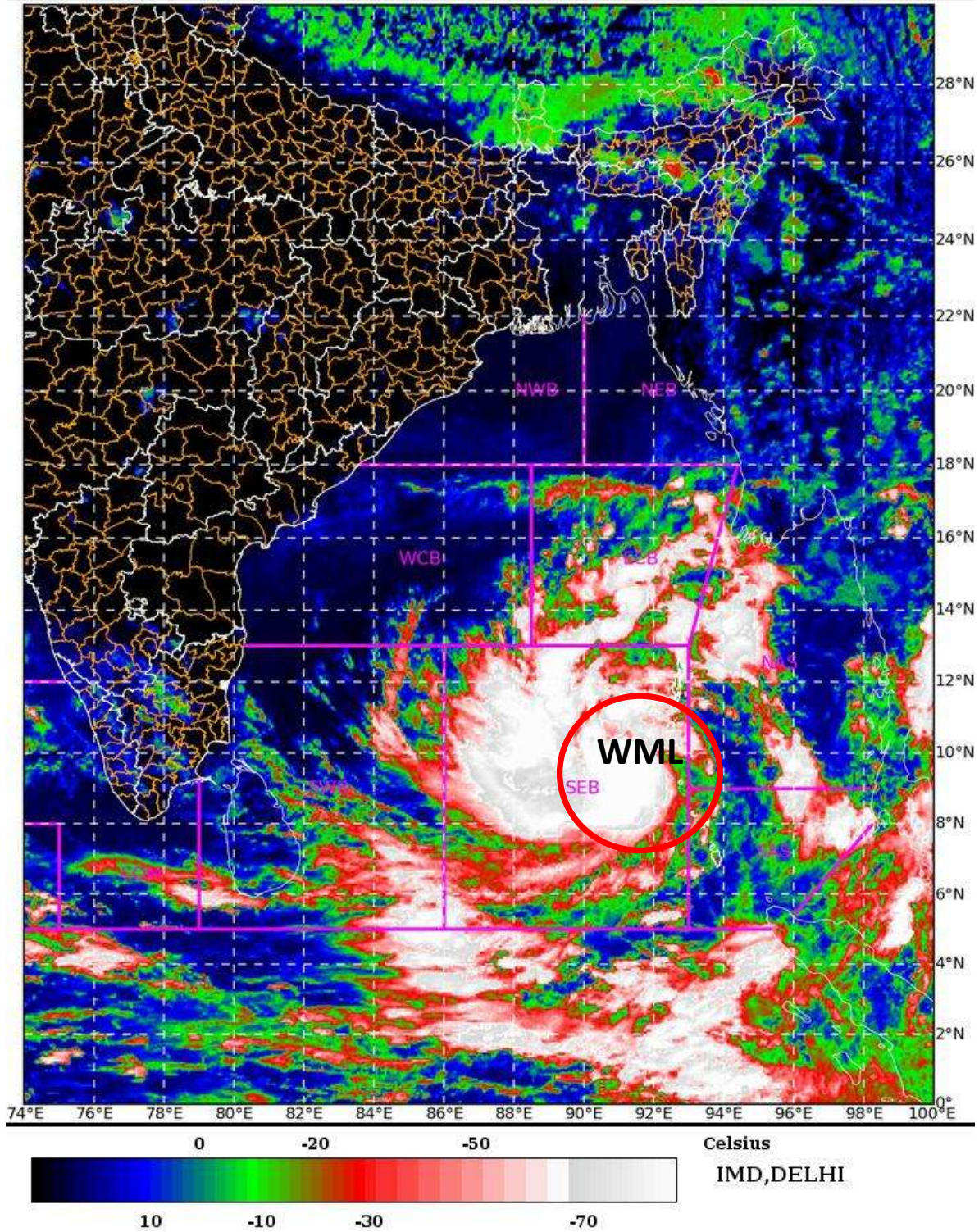
DAY-5: 11.05.2022/0600 UTC TO 12.05.2022/0600 UTC



AREA UNDER FISHERMEN WARNING

-  40-50 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
-  45-55 KMPH GUSTING TO 65 KMPH (SQUALLY WEATHER)
-  55-65 KMPH GUSTING TO 75 KMPH
-  65-75 KMPH GUSTING TO 85 KMPH
-  70-80 KMPH GUSTING TO 90 KMPH
-  80-90 KMPH GUSTING TO 100 KMPH

SAT : INSAT-3D IMG 07-05-2022/(0530 to 0556) GMT
IMG_TIR1_TEMP 10.8 um 07-05-2022/(1100 to 1126) IST
L1C Mercator



WML- Well-Marked Low Pressure Area