



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

**NATIONAL BULLETIN**

**NO. 09 (BOB/10/2022)**

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**Sub: Depression over Southwest and adjoining Southeast Bay of Bengal**

The Depression over Southwest and adjoining Southeast Bay of Bengal remained practically stationary during past 06 hours and lay centered at 2330 hours IST of yesterday, the 23<sup>rd</sup> December over the same region near latitude 10.6°N and longitude 85.4°E about 510 km east-northeast of Trincomalee (Sri Lanka), 610 km east of Nagappattinam (Tamil Nadu) and 630 km east-southeast of Chennai (Tamil Nadu).

It is likely to move slowly over Southwest Bay of Bengal, make a loop over the same region and then move west-southwestwards towards Comorin Area across Sri Lanka during next 48 hours.

**Warnings:**

**Rainfall warning (Graphics enclosed)**

- Light to moderate rainfall at many places with heavy rainfall at isolated places is likely over south coastal Tamil Nadu on 25<sup>th</sup> & 26<sup>th</sup> December 2022.
- Light to moderate rainfall at a few places with heavy rainfall at isolated places is likely over south Kerala on 26<sup>th</sup> December 2022.
- Light to moderate rainfall at a few places with heavy rainfall at isolated places is likely over Lakshadweep Islands on 27<sup>th</sup> December 2022.

**Wind warning (Graphics enclosed):**

**Southwest Bay of Bengal along & off Tamil Nadu and Sri Lanka coasts:**

Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail till 25<sup>th</sup> December morning becoming 40-50 kmph gusting to 60 kmph till 26<sup>th</sup> morning and decrease thereafter.

**Adjoining areas of southeast & westcentral Bay of Bengal:**

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail till 24<sup>th</sup> December morning and decrease thereafter.

**Gulf of Mannar and Comorin Area along & off south Tamil Nadu & west Sri Lanka coasts:**

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail on 24<sup>th</sup> December becoming squally wind speed reaching 45-55 kmph gusting to 65 kmph during 25<sup>th</sup> and 26<sup>th</sup> December.

**Lakshadweep Islands & adjoining Southeast Arabian Sea:**

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail on 27<sup>th</sup> December.

**Sea condition:**

**Southwest Bay of Bengal along & off Tamil Nadu and Sri Lanka coasts:**

Sea condition is likely to be rough to very rough till 26<sup>th</sup> December morning and improve thereafter.

**Adjoining areas of southeast & westcentral Bay of Bengal:**

Sea condition is likely to be rough till 24<sup>th</sup> December morning and improve thereafter.

**Gulf of Mannar and Comorin Area along & off south Tamil Nadu & west Sri Lanka coasts:**

Sea condition is likely to be rough to very rough during 25<sup>th</sup> and 26<sup>th</sup> December.

**Lakshadweep Islands & adjoining Southeast Arabian Sea:**

Sea condition is likely to be rough to very rough on 27<sup>th</sup> December.

**Fishermen Warning (Graphics Enclosed):**

Fishermen are advised not to venture into

- Southwest Bay of Bengal and along & off Sri Lanka coast on 24<sup>th</sup> & 25<sup>th</sup> December.
- Gulf of Mannar and Comorin Area along & off south Tamil Nadu and west Sri Lanka coasts during 24<sup>th</sup>-26<sup>th</sup> December.
- Sea areas of Lakshadweep Islands & adjoining Southeast Arabian Sea during 27<sup>th</sup> December.

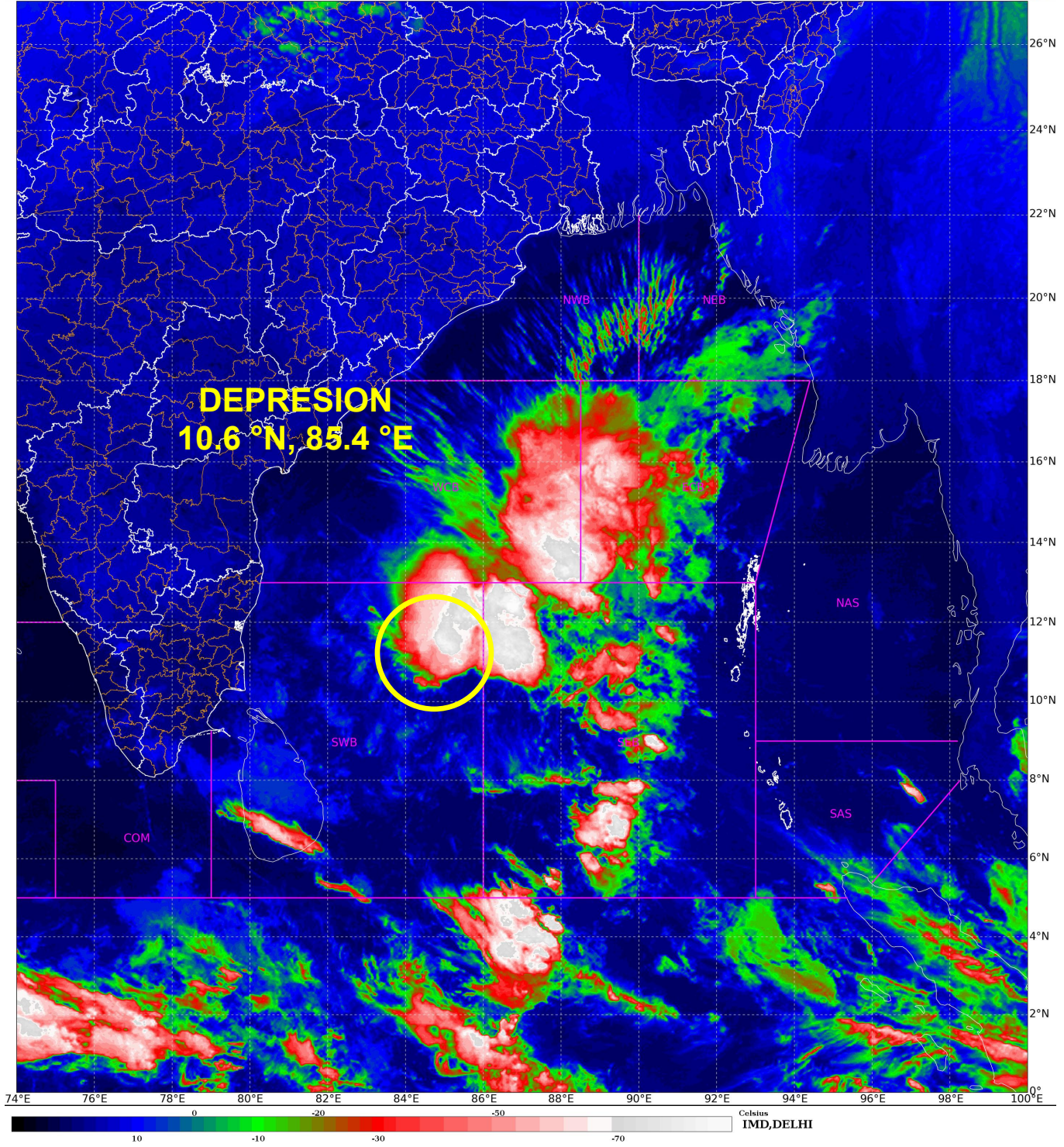
**The System is continuously being monitored and next bulletin will be issued at 0830 hours IST of today, the 24<sup>th</sup> December, 2022.**

(Shashi Kant)

**Scientist C, Cyclone Warning Division, New Delhi**

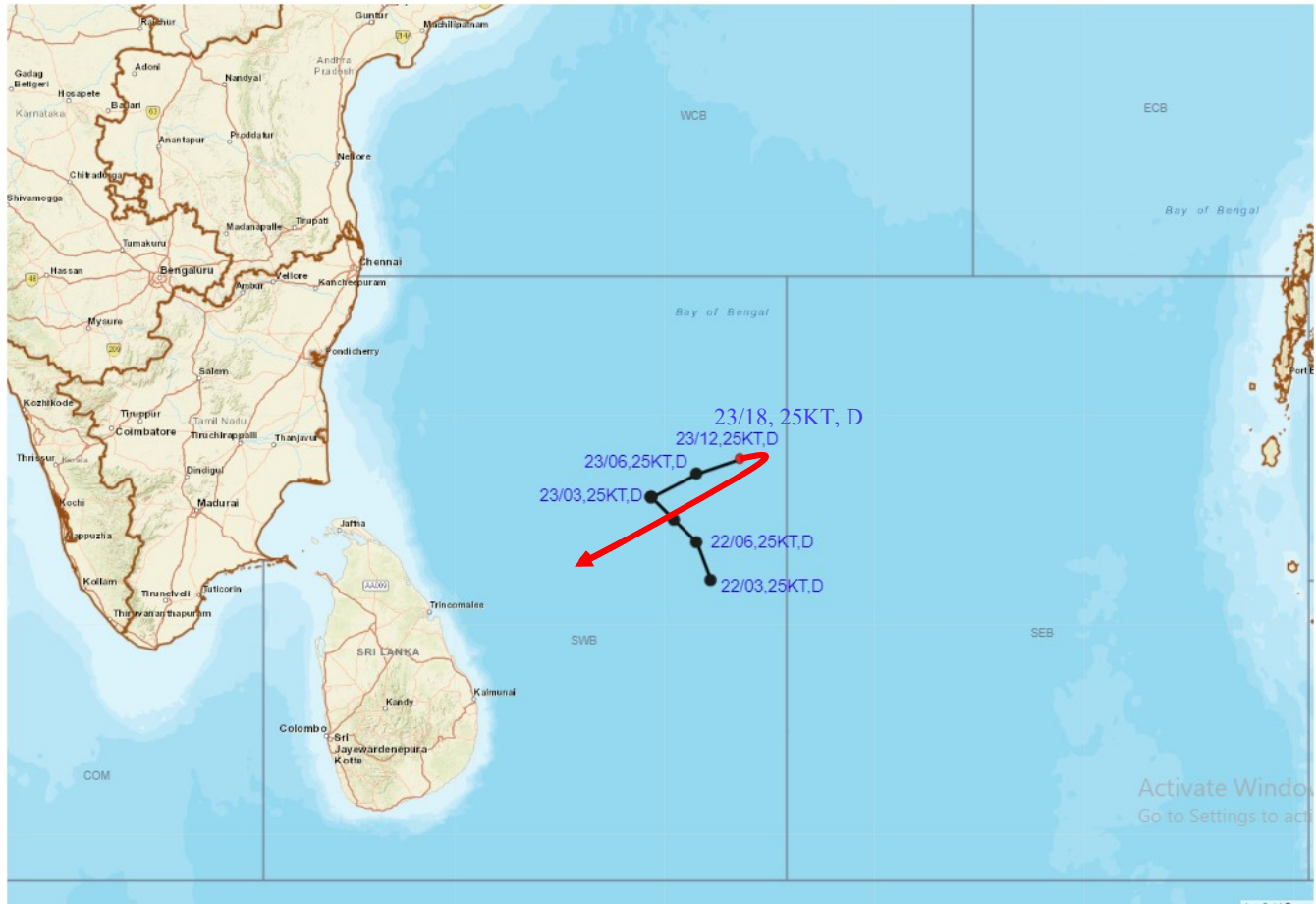
*Copy to: ACWC Mumbai & Chennai/ CWC Ahmedabad/ CWC Thiruvananthapuram/MC Goa*

**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





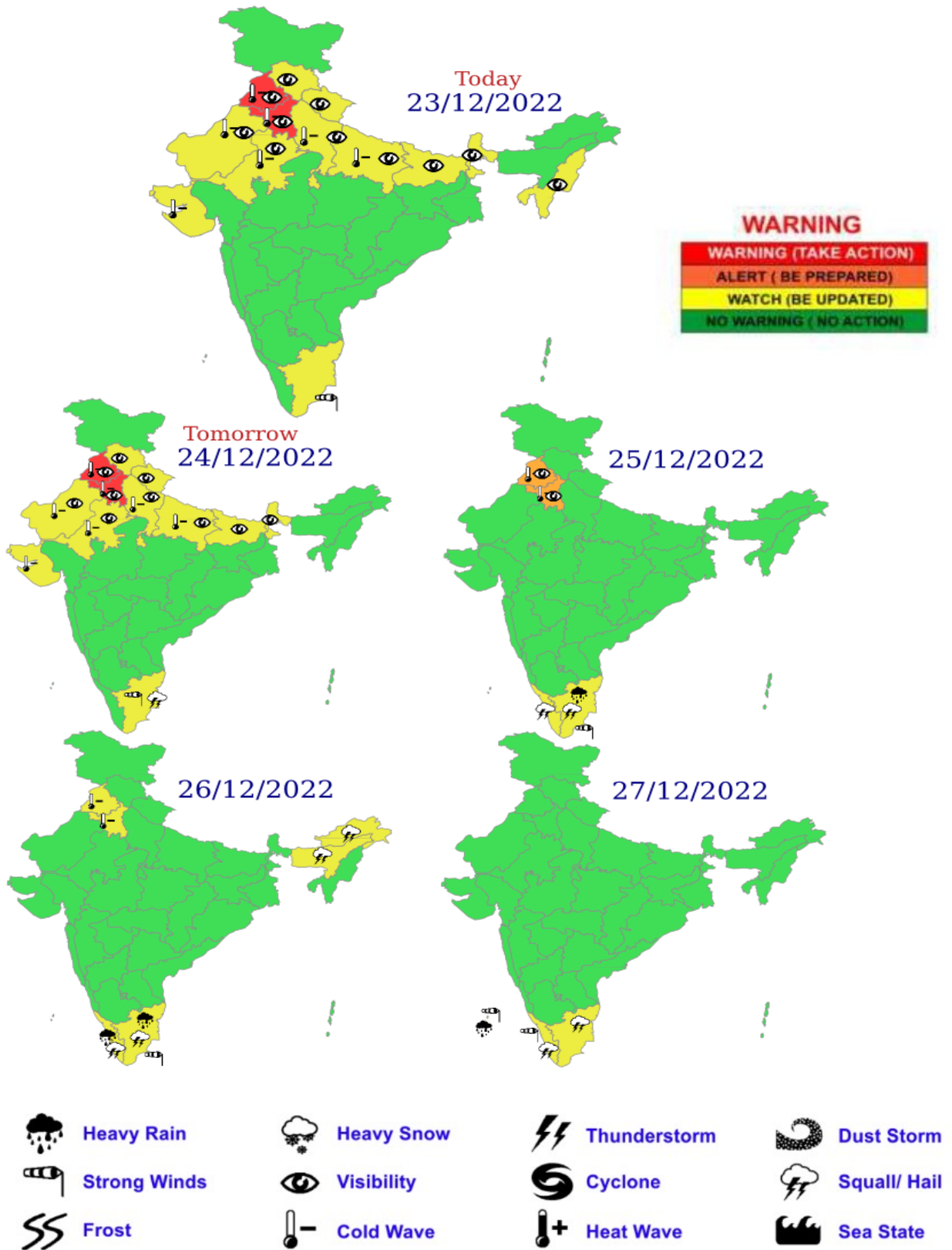
## OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTHWEST AND ADJOINING SOUTHEAST BAY OF BENGAL BASED ON 1800 UTC OF 23<sup>rd</sup> DECEMBER, 2022



**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)**  
**ECS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)**  
**SuCS: SUPER CYCLONIC STORM ( $\geq 20$  KT)**

- LESS THAN 34 KT
- 34-47 KT
- $\geq 48$  KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

# WEATHER WARNING GRAPHICS



## Fishermen warning graphics



Squally WX with wind speed 40-50 kmph gusting to 60 kmph  
Squally wind speed 45-55 kmph gusting to 65 kmph

**Fishermen are advised not to venture into the marked areas.**