



India Meteorological Department
(Ministry of Earth Sciences)

BULLETIN NO. : 15 (BOB/01/2022)

TIME OF ISSUE: 0130 HOURS IST

DATED: 06.03.2022

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)
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CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)
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Sub: Deep Depression weakened into a Depression over southwest Bay of Bengal

The Deep Depression over southwest Bay of Bengal moved nearly southwestwards with a speed of about 04 kmph during past 06 hours, weakened into a Depression and lay centered at 2330 hrs IST of 5th March 2022, over the same region near latitude 11.5°N and longitude 82.4°E, about 350 km north-northeast of Trincomalee (Sri Lanka), 290 km east-northeast of Nagappattinam (Tamil Nadu), 290 km east-southeast of Puducherry (Tamil Nadu) and about 280 km east-southeast of Chennai (Tamil Nadu).

It is likely to move southwestwards towards north Tamil Nadu Coast and weaken gradually into a well marked low pressure area during next 24 hours.

Forecast track and intensity are given in the following table:

Date/Time(IST)	Forecast Lead Period	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
05.03.22/2330	00	11.5/82.4	45-55 gusting to 65	Depression
06.03.22/1130	12	11.3/82.2	40-50 gusting to 60	Depression
06.03.22/2330	24	11.0/81.8	30-40 gusting to 50	Well Marked Low Pressure Area

Warnings:

(i) Rainfall (warning graphics enclosed)

6th March – Light to moderate rainfall/thundershower at few places with heavy rainfall at isolated places is very likely over north coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rainfall/thunder shower at isolated places is very likely over south coastal Andhra Pradesh and Rayalaseema.

7th March: Light to moderate rainfall/thundershower at many places with heavy rainfall at isolated places is very likely over coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rainfall/thunder shower at isolated places is very likely over south coastal Andhra Pradesh and Rayalaseema.

(ii) Wind warning

- Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail over Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar and along & off north Tamil Nadu, Puducherry & South Andhra Pradesh coasts on 6th March. It would gradually decrease and becoming 30-40 kmph gusting to 50 kmph over the same region on 7th March, 2022.

(iii) Sea condition

- Sea condition will be rough to very rough over Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar and Comorin area and along & off Tamil Nadu, Puducherry & south Andhra Pradesh coasts till 7th March, 2022.

(iv) Fishermen Warning (Graphics enclosed)

- Fishermen are advised not to venture into Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry and south Andhra Pradesh coasts till 7th March, 2022.

(v) EXPECTED IMPACT & ACTION SUGGESTED due to heavy rain over coastal Tamil Nadu, Puducherry & Karaikal during 6th -7th March.

A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to squally wind and inundation.

B. Action Suggested

- 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.

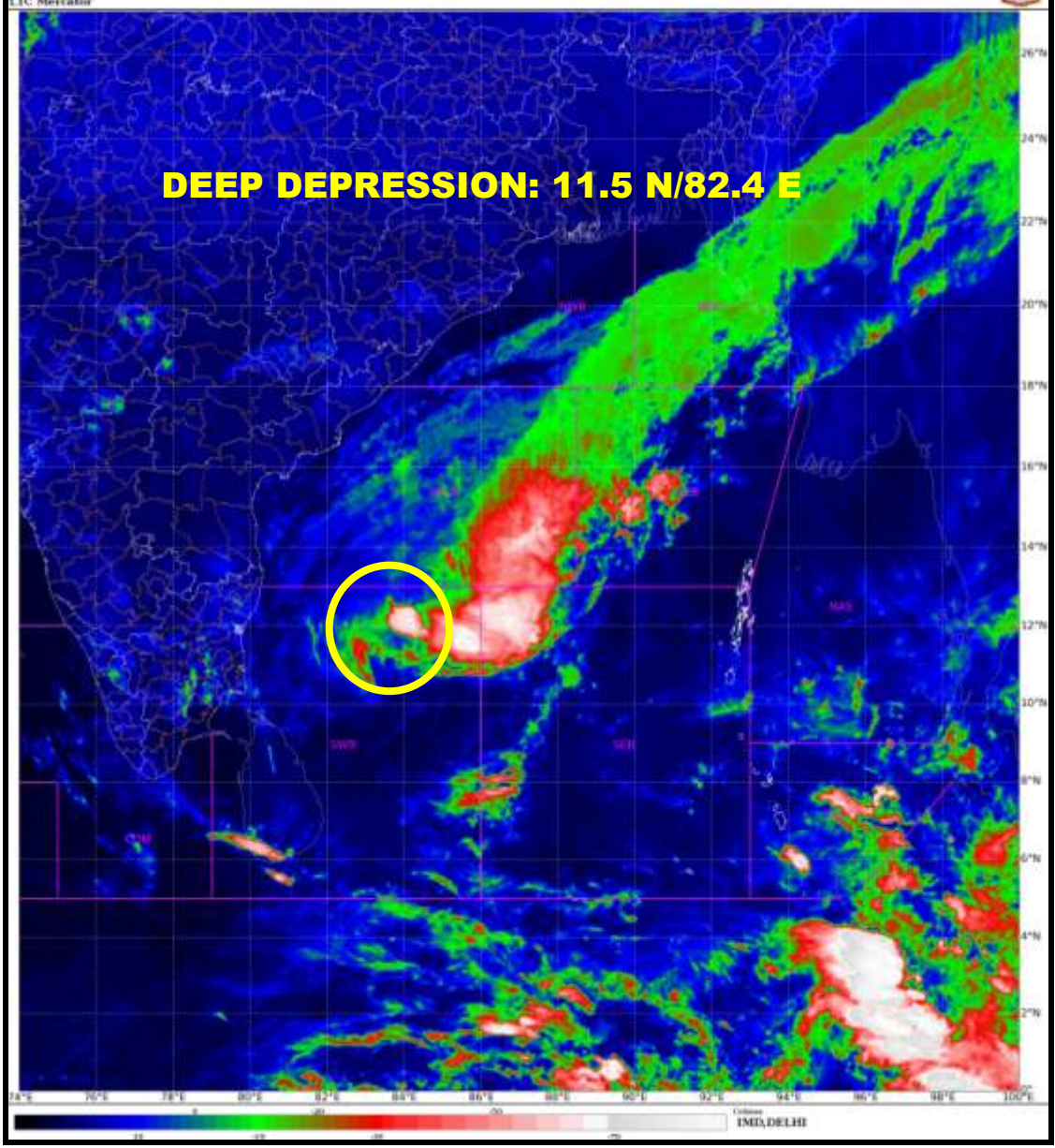
The next bulletin will be issued at 0830 hrs IST of the 06th March, 2022.

(Shobhit Katiyar)
Scientist-C, RSMC, New Delhi

Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWC Thiruvananthapuram/MC Amravati/MO Port Blair

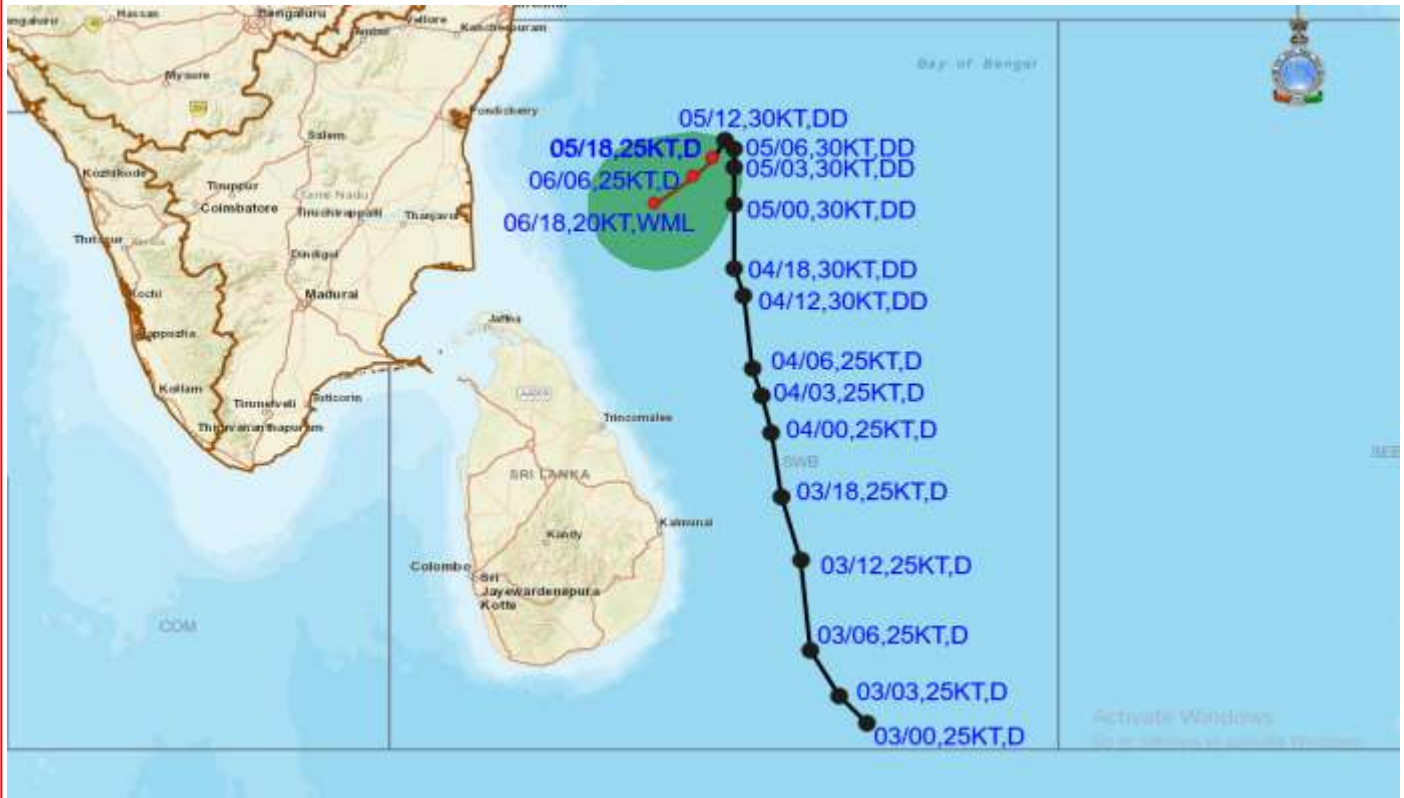


DEEP DEPRESSION: 11.5 N/82.4 E





OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 1800 UTC OF 5th 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 (\geq 120 KT)

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

STATIONS	DISTANCE(KM) AND DIRECTION FROM STATIONS	
	05.03.22/1800	06.03.22/1800
TRINCOMALEE	350,NNE	280,NNE
NAGAPATTINAM	290,ENE	210,E
PUDUCHERRY	290,E	240,ESE
CHENNAI	280,ESE	270,SE

Forecast distance (km) and direction of the centre of system from nearest 5 coastal stations

Forecast Date/Time	Station 1	Station 2	Station 3	Station 4	Station 5
05.03.22/1800	Pudupattinam (270,ESE)	Kalapet (280,ESE)	Tharangambadi (280,E)	Kottakuppam (280,E)	Puducherry (290,E)
06.03.22/0600	Kalapet (260,ESE)	Tharangambadi (260,E)	Kottakuppam (260,ESE)	Puducherry (260,ESE)	Parangipettai (270,E)
06.03.22/1800	Tharangambadi (210,E)	Kottakuppam (210,ESE)	Puducherry (220,ESE)	Parangipettai (220,ESE)	Karaikal (220,E)

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



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 1800 UTC OF 5th MARCH, 2022



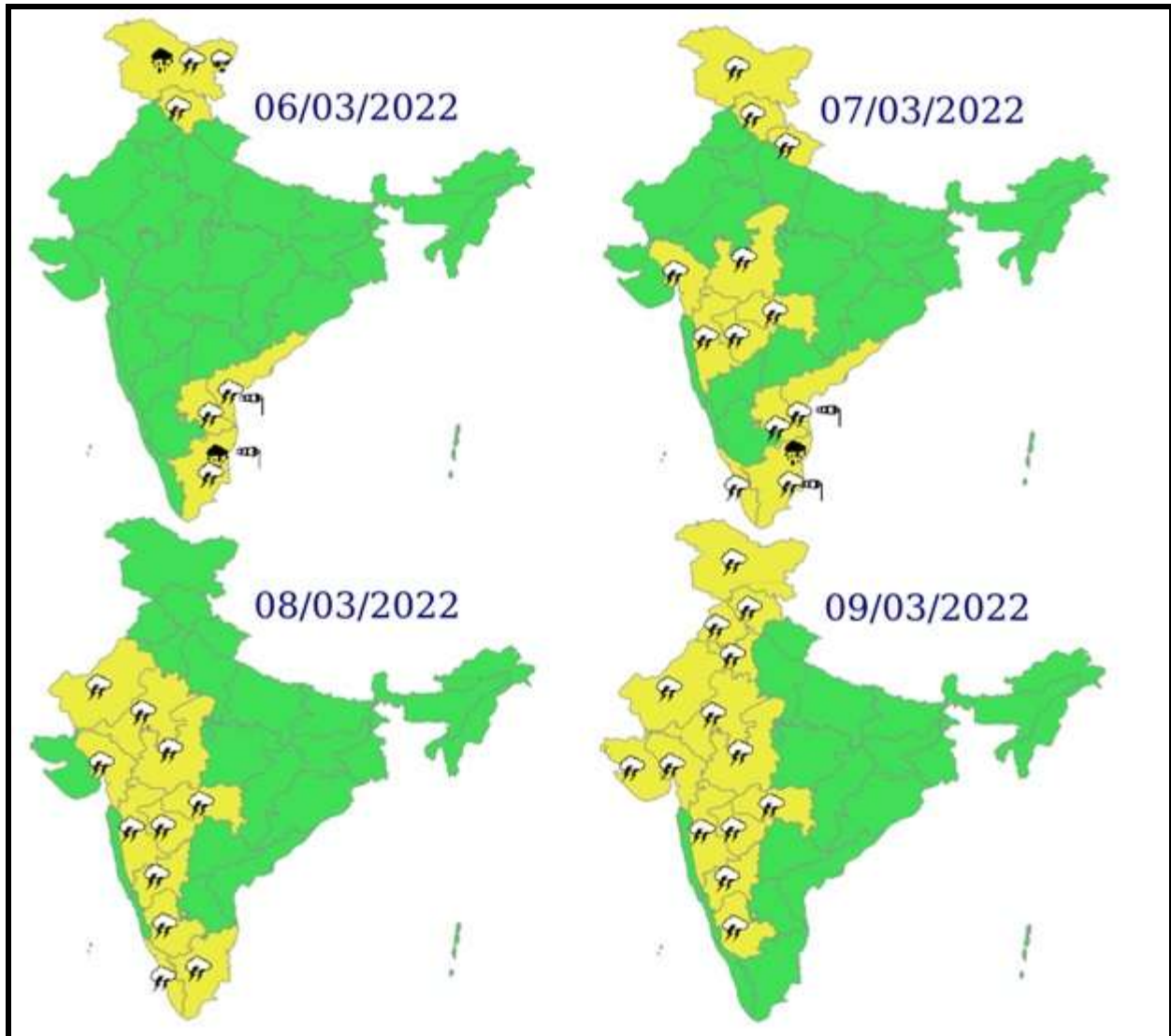
DATE/TIME IN UTC
 IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY
- AREA OF MAXIMUM SUSTAINED WIND SPEED:
- 28-33 KT (52-61 KMPH)
- 34-49 KT (62-91 KMPH)
- 50-63 KT (92-117 KMPH)
- ≥ 64 KT (≥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
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

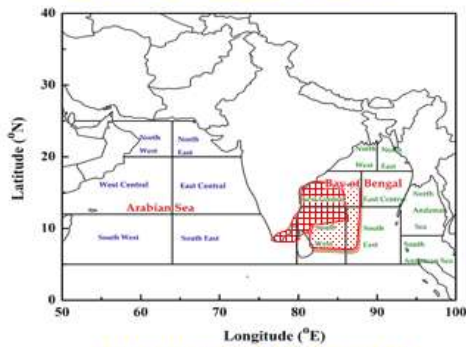
Weather Warning for India



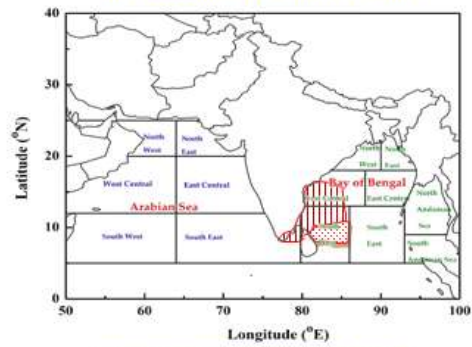
Fishermen Warning for North Indian Ocean

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

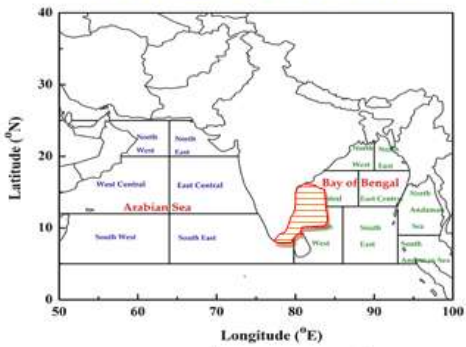
DAY-1: 05.03.2022/0600 UTC TO 06.03.2022/0600 UTC



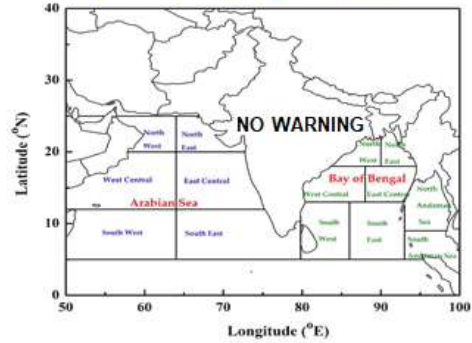
DAY-2: 06.03.2022/0600 UTC TO 07.03.2022/0600 UTC



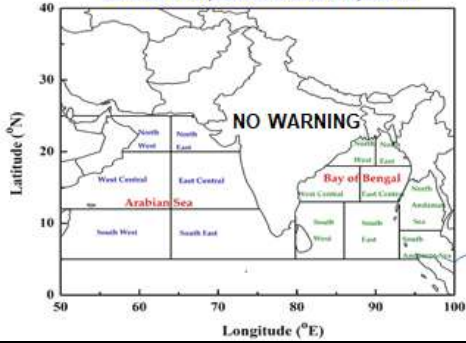
DAY-3: 07.03.2022/0600 UTC TO 08.03.2022/0600 UTC



DAY-4: 08.03.2022/0600 UTC TO 09.03.2022/0600 UTC



DAY-5: 09.03.2022/0600 UTC TO 09.03.2022/0600 UTC



AREA UNDER FISHERMEN WARNING

-  35-45 KMPH GUSTING TO 55 KMPH (STRONG WIND)
-  40-50 KMPH GUSTING TO 60 KMPH (STRONG WIND)
-  45-55 KMPH GUSTING TO 65 KMPH
-  50-60 KMPH GUSTING TO 70 KMPH
-  55-65 KMPH GUSTING TO 75 KMPH