



**DEWDROP OBSERVATION :: Dated - Saturday 25/05/2024**

From :: Area Cyclone Warning Center Kolkata(Alipore Weather office)

To :: Portblair Radio , Kolkata Port Wireless , Directorate General of Shipping , Directorate General of Lighthouses And Lightships

**Part One**

TTT DEPRESSION WARNING BAY OF BENGAL 241800 UTC

**Part Two**

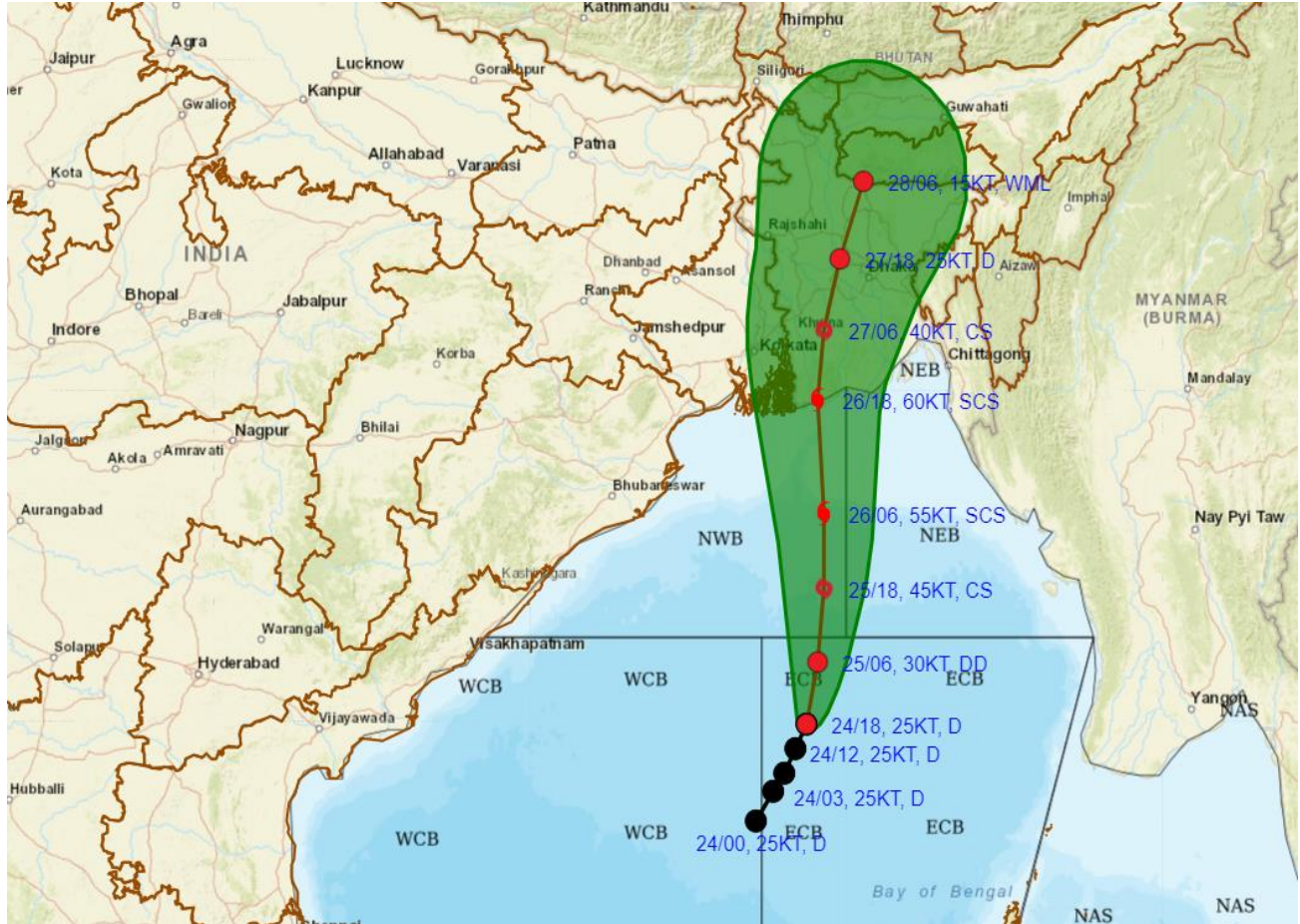
The Depression over Eastcentral Bay of Bengal moved north-northeastwards with a speed of 8 kmph during past 06 hours and lay centered at 2330 hrs IST of 24th May, 2024 over Eastcentral Bay of Bengal near latitude 16.6°N and longitude 89.3°E, about 610 km south of Khepupara (Bangladesh), about 580 km south-southeast of Sagar Islands (West Bengal) and 640 km south of Canning (West Bengal). It is very likely to continue to move north-northeastwards and intensify into a Deep Depression by 25 th May morning and into a Cyclonic Storm over eastcentral Bay of Bengal by 25th May evening. Subsequently, it would move nearly northwards, intensify into a Severe Cyclonic Storm by 26th May morning. Continuing to move nearly northwards, thereafter it is very likely to cross Bangladesh and adjoining West Bengal coasts between Sagar Island and Khepupara by 26th May midnight as a Severe Cyclonic Storm with wind speed of 110-120 gusting to 135 kmph.

**Part Three : Sea area forecast valid upto 09.00 UTC 25/05/2024**

North Bay	Wind	NORTHEAST TO EASTERLY; 25 TO 30 KNOTS GUSTING TO 35 KNOTS
	Visibility	MODERATE BECOMING POOR IN RAIN
West Central Bay	Wind	CYCLONIC; 25 TO 30 KNOTS
	Visibility	MODERATE BECOMING POOR TO VERY POOR IN HEAVY TO VERY HEAVY RAIN
East Central Bay(WEST OF LONG. 92° EAST)	Wind	CYCLONIC; 30 TO 35 KNOTS GUSTING TO 40 KNOTS
	Visibility	MODERATE BECOMING POOR TO VERY POOR IN HEAVY TO VERY HEAVY RAIN
South Bay	Wind	MAINLY SOUTHWESTERLY; 25 TO 30 KNOTS GUSTING TO 35 KNOTS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
Andaman Sea(WEST OF LONG. 95° EAST)	Wind	SOUTH TO SOUTHWESTERLY; 20 TO 25 KNOTS GUSTING TO 30 KNOTS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN



## FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH DEPRESSION OVER EASTCENTRAL BAY OF BENGAL BASED ON 1800 UTC (2330 IST) OF 24<sup>TH</sup> MAY 2024.



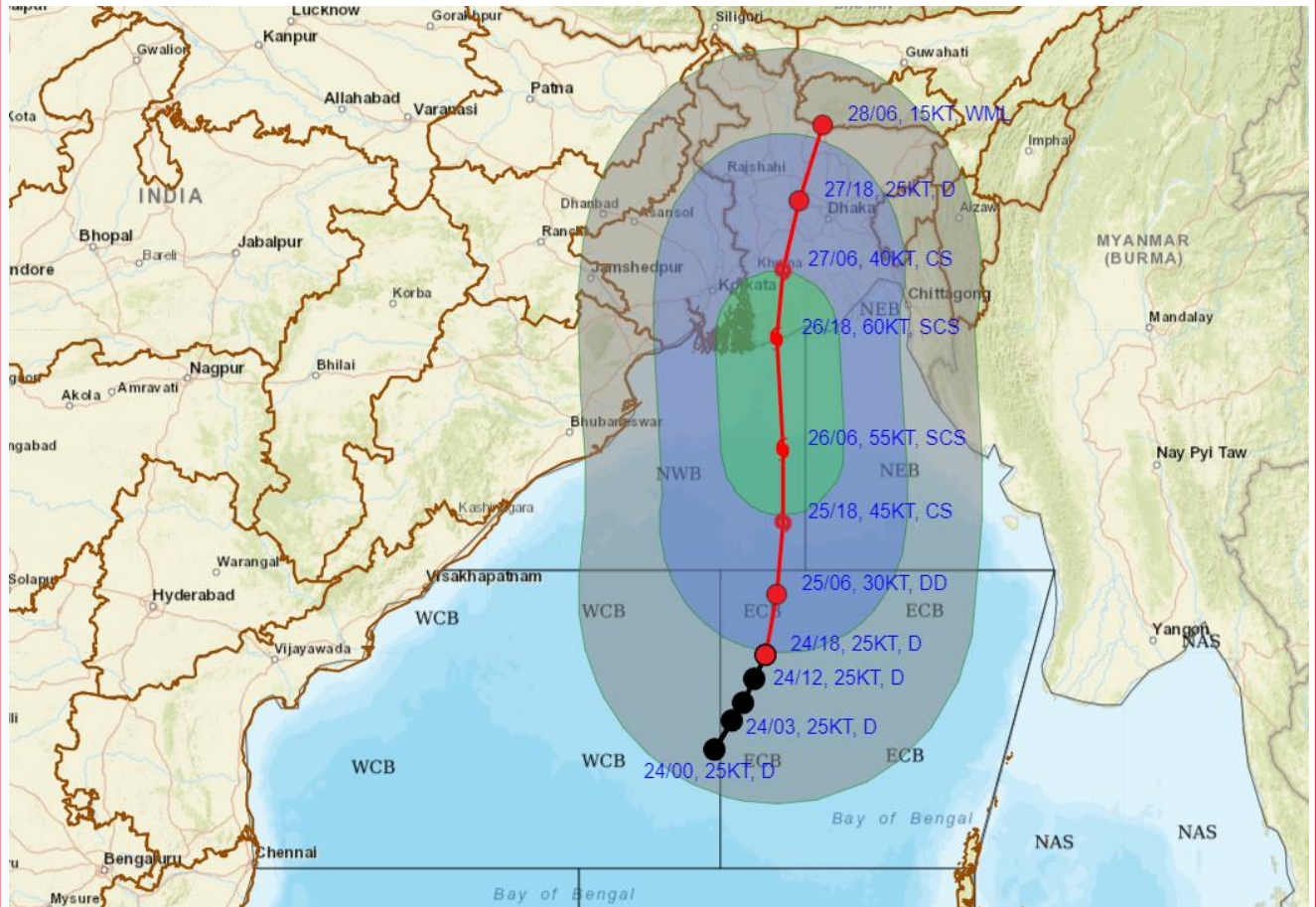
**DATE/TIME IN UTC**  
**IST=UTC + 0530**  
**L: LOW PRESSURE AREA**  
**WML: WELL MARKED LOW PRESSURE AREA**  
**D: DEPRESSION (17-27 KT)**  
**DD: DEEP DEPRESSION (28-33 KT)**  
**CS: CYCLONIC STORM (34-47 KT)**  
**SCS: SEVERE CYCLONIC STORM (48-63KT)**  
**VSCS: VERY SEVERE CYCLONIC STORM (64-89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

Forecast	DISTANCE (KM) AND DIRECTION FROM STATION:			
	Canning	Khepupara	SAGAR ISLAND	BAPATLA
<b>Date and Time (UTC)</b>				
<b>24.05.24/1800</b>	<b>630, S</b>	<b>600, S</b>	<b>570, SSE</b>	<b>950, E</b>
<b>25.05.24/1800</b>	<b>390, SSE</b>	<b>360, S</b>	<b>350, SSE</b>	<b>1030, ENE</b>
<b>26.05.24/1800</b>	<b>100, ESE</b>	<b>80, WSW</b>	<b>160, E</b>	<b>1160, NE</b>



**FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DEPRESSION OVER EASTCENTRAL BAY OF BENGAL BASED ON 1800 UTC (2330 IST) OF 24<sup>TH</sup> MAY 2024.**



DATE/TIME IN UTC  
IST=UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

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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