



**AURORA OBSERVATION :: Dated - Friday 24/05/2024**

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

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

**Part One**

TTT DEPRESSION WARNING BOB 240300 UTC

**Part Two**

Southwest Monsoon has further advanced into some more parts of south Bay of Bengal, remaining parts of Andaman & Nicobar Islands, Andaman Sea and some parts of Eastcentral Bay of Bengal today, the 24th May. The Northern Limit of Monsoon passes through 05°N/60°E, 06°N/70°E, 7°N/75°E, 8°/80°E, 11°N/85°E, 13.5°N/90°E and 17°N/95°E. Conditions are favourable for further advance of Southwest Monsoon over some more parts of South Bay of Bengal, Central Bay of Bengal and some parts of Northeast Bay of Bengal during next 2 days. The depression over central Bay of Bengal moved northeastwards during past 03 hours, and lay centered at 0830 hrs IST of today, the 24th May, 2024 over the same region near latitude 15.5°N and longitude 88.7°E, about 730 km south-southwest of Khepupara (Bangladesh) and 750 km south of Canning (West Bengal). It is very likely to continue to move northeastwards and intensify further into a cyclonic storm over eastcentral Bay of Bengal by 25th May morning. Subsequently, it would move nearly northwards, intensify into a severe cyclonic storm by 25th night. Continuing to move nearly northward, it is very likely to cross Bangladesh and adjoining West Bengal coasts between Sagar Island and Khepupara around 26th May midnight as a severe cyclonic storm. Yesterday's cyclonic circulation over west Bihar & neighbourhood between 3.1 & 5.8 km above mean sea level has become less marked.

**Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 24/05/2024**

<b>North Bay</b>	Wind	EAST TO SOUTHERLY; 15 TO 20 KNOTS GUSTING TO 25 KNOTS
	Weather	SCATTERED RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	SLIGHT TO MODERATE BECOMING ROUGH IN GUST
<b>West Central Bay</b>	Wind	CYCLONIC CIRCULATION; 15 TO 20 KNOTS GUSTING TO 30 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	SLIGHT TO MODERATE BECOMING VERY ROUGH IN GUST
<b>East Central Bay (WEST OF LONG. 92° EAST)</b>	Wind	CYCLONIC CIRCULATION; 25 TO 30 KNOTS GUSTING TO 35 KNOTS
	Weather	WIDE SPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	ROUGH TO VERY ROUGH BECOMING HIGH IN GUST
<b>South Bay</b>	Wind	MAINLY SOUTHWESTERLY; 25 TO 30 KNOTS GUSTING TO 35 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	ROUGH TO VERY ROUGH BECOMING HIGH IN GUST
<b>Andaman Sea (WEST OF LONG. 95° EAST)</b>	Wind	SOUTH TO SOUTHWESTERLY; 20 TO 25 KNOTS GUSTING TO 30 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN

Sea condition	MODERATE TO ROUGH BECOMING VERY ROUGH IN GUST
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**Part Four**

NIL

**Part Five**

NIL

**Part Six**

PART SIX 02403 99942 807 32596 20702 10320 40028 811 22596 60000 10320 40027 901  
32596 60204 10330 40018 806 22496 61103 10320 40028 903 32996 50404 10328 40020 895  
32596 50502 10334 40020 976 21495 80902 10256 40026

99943 049 32596 60205 10330 40014 053 32496 70508 10328 40013 105 32597 63401 10328  
40005 150 32597 70000 10324 40013 245 32597 31802 10362 40009 346 22597 72304 10290  
40023 279 32597 62003 10322 40024

**TOO** : 12.30 IST 24/05/2024

Duty Officer  
For head  
Area Cyclone Warning Centre, Kolkata, 24/05/2024