



AURORA OBSERVATION :: Dated - Tuesday 22/10/2024

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 BAY BULLETIN OVER BAY OF BENGAL

Part Two

The Depression over Eastcentral Bay of Bengal moved west-northwestwards with a speed of 6 kmph during past 3 hours and lay centred at 0830 hrs IST of today, the 22nd October, over the same region near latitude 15.5° N and longitude 91.0° E, about 700 km southeast of Paradip (Odisha), 750 km southsoutheast of Sagar Island (West Bengal) and 730 km south-southeast of Khepupara (Bangladesh). It is very likely to move west-northwestwards and intensify into a Cyclonic Storm by 23rd October, 2024 over eastcentral Bay of Bengal. Thereafter, continuing to move northwestwards, it is very likely to intensify into a Severe Cyclonic Storm over northwest Bay of Bengal by morning of 24th and cross north Odisha and West Bengal coasts between Puri and Sagar Island during night of 24th and morning of 25th October, 2024 as a Severe Cyclonic Storm with a wind speed of 100-110 kmph gusting 120 kmph.

Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 22/10/2024

North Bay	Wind	NORTH TO NORTHEASTERLY 15 TO 20 KNOTS
	Weather	SCATTERED RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	SLIGHT TO MODERATE
West Central Bay	Wind	NORTH TO NORTHWESTERLY 20 TO 25 KNOTS
	Weather	SCATTERED RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	MODERATE TO ROUGH
East Central Bay (WEST OF LONG. 92° EAST)	Wind	CYCLONIC CIRCULATION 25 TO 30 KNOTS GUSTING TO 35 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY TO VERY HEAVY RAIN
	Visibility	MODERATE BECOMING POOR IN HEAVY TO VERY HEAVY RAIN
	Sea condition	ROUGH TO VERY ROUGH BECOMING HIGH IN GUST.
South East Bay	Wind	SOUTHWEST TO WESTERLY 20 TO 25 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	MODERATE TO ROUGH
South West Bay	Wind	SOUTHWEST TO WESTERLY 15 TO 20 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	SMOOTH TO SLIGHT
Andaman Sea (WEST OF LONG. 95° EAST)	Wind	MAINLY SOUTHWESTERLY 20 TO 25 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN

Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
Sea condition	MODERATE TO ROUGH

Part Four

NIL

Part Five

NIL

Part Six

AAXX 02203 99942 807 32896 23201 10268 40124 811 31994 13602 10275 40124 901 32996
00203 10274 40116 806 32596 31801 10278 40123 903 32996 23402 10276 40111 895 32596
53602 10292 40130 976 31995 03203 10282 40124

99943 049 31595 43403 10262 40122 053 31595 43403 10280 40122 105 31596 33403 10288
40118 150 31596 33203 10286 40128 185 22597 30000 10284 40114 245 22597 40203 10294
40115 346 22497 50000 10295 40114 279 31597 33403 10294 40121

TOO : 12.30 IST 22/10/2024

Duty Officer
For head
Area Cyclone Warning Centre, Kolkata, 22/10/2024