



AURORA OBSERVATION :: Dated - Sunday 20/10/2024

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 SQUALLY WEATHER OVER ANDAMAN SEA

Part Two

YESTERDAY'S UPPER AIR CYCLONIC CIRCULATION OVER CENTRAL ANDAMAN SEA LAY OVER NORTH ANDAMAN SEA IN THE EARLY MORNING (0530 HOURS IST) AND PERSISTED OVER THE SAME REGION IN THE FORENOON (0830 HRS IST) OF TODAY, THE 20TH OCTOBER 2024. UNDER ITS INFLUENCE, A LOW PRESSURE AREA IS VERY LIKELY TO FORM OVER THE EASTCENTRAL BAY OF BENGAL AND ADJOINING NORTH ANDAMAN SEA DURING NEXT 24 HOURS. IT IS VERY LIKELY TO MOVE WEST-NORTHWESTWARDS AND INTENSIFY INTO A DEPRESSION BY 22ND OCTOBER MORNING AND INTO A CYCLONIC STORM BY 23RD OCTOBER, 2024 OVER EASTCENTRAL BAY OF BENGAL. THEREAFTER, IT IS VERY LIKELY TO MOVE NORTHWESTWARDS AND REACH NORTHWEST BAY OF BENGAL OFF ODISHA-WEST BENGAL COASTS BY 24TH OCTOBER MORNING. WEATHER SEASONAL OVER BAY OF BENGAL.

Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 20/10/2024

North Bay	Wind	NORTH TO NORTHEASTERLY 05 TO 10 KNOTS
	Weather	ISOLATED RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	SMOOTH
West Central Bay	Wind	EAST TO SOUTHEASTERLY 10 TO 15 KNOTS
	Weather	SCATTERED RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	SMOOTH TO SLIGHT
East Central Bay (WEST OF LONG. 92° EAST)	Wind	NORTHEAST TO EASERLY 20 TO 25 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	MODERATE TO ROUGH
South East Bay	Wind	SOUTHWEST TO WESTERLY 15 TO 20 KNOTS GUSTING TO 25 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN .
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	SMOOTH TO SLIGHT
South West Bay	Wind	SOUTHWEST TO WESTERLY 10 TO 15 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	CYCLONIC ; 20 TO 25 KNOTS OVER NORTH ANDAMAN SEA AND SOUTHWEST TO WESTERLY 15 TO 20 KNOTS GUSTING TO 25 KNOTS OVER SOUTH ANDAMAN SEA

Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN OVER NORTH ANDAMAN SEA AND WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN OVER SOUTH ANDAMAN SEA .
Visibility	MODERATE BECOMING POOR IN HEAVY TO VERY HEAVY RAIN OVER NORTH ANDAMAN SEA AND MODERATE BECOMING POOR IN HEAVY RAIN OVER SOUTH ANDAMAN SEA .
Sea condition	MODERATE TO ROUGH .

Part Four

NIL

Part Five

NIL

Part Six

AAXX 02003 99942 807 21595 30201 10274 40146 811 22596 30201 10284 40145 901 32896 40203 10290 40135 806 22596 31101 10280 40144 903 32996 20602 10276 40138 895 32596 53403 10290 40144 976 21995 50000 10290 40136

99943 049 22596 63403 10264 40140 053 22596 70203 10282 40137 105 21596 43602 10292 40130 150 22496 60204 10290 40138 185 22597 60501 10300 40120 245 21597 40000 10298 40124 346 22597 40000 10292 40115 279 21597 60000 10282 40120

TOO : 12.30 IST 20/10/2024

Duty Officer
 For head
 Area Cyclone Warning Centre, Kolkata, 20/10/2024