



AURORA OBSERVATION :: Dated - Thursday 24/10/2024

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 SEVERE CYCLONE WARNING OVER BAY OF BENGAL 240300UTC

Part Two

Yesterday's cyclonic storm intensified into a severe cyclonic storm "DANA" (pronounced as Dana) over northwest & adjoining central Bay of Bengal moved north-northwestwards with a speed of 12 kmph during past 6 hours and lay centered at 0830 hrs IST of today, the 24th October, over northwest Bay of Bengal, near latitude 18.9° N and longitude 88.0°E, about 210 km southeast of Paradip (Odisha), 240 km south-southeast of Dhamara (Odisha) and 310 km south of Sagar Island (West Bengal). It is very likely to move north-northwestwards and cross north Odisha and West Bengal coasts between Puri and Sagar Island close to Bhitarkanika and Dhamara (Odisha) during mid-night of 24th to 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 24/10/2024

North West Bay	Wind	CYCLONIC 55 TO 60 KNOTS GUSTING TO 65 KNOTS AROUND 100 NM OF CYCLONIC STORM CENTRE ELSEWHERE 40 TO 45 KNOTS GUSTING TO 50 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH SCATTERED HEAVY TO VERY HEAVY RAIN, ISOLATED EXTREMELY HEAVY RAIN
	Visibility	POOR BECOMING VERY POOR IN VERY HEAVY RAIN TO EXTREMELY VERY HEAVY RAIN
	Sea condition	HIGH TO VERY HIGH
North East Bay	Wind	MAINLY SOUTHEASTERLY 30 TO 35 KNOTS GUSTING TO 40 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	VERY ROUGH TO HIGH
West Central Bay	Wind	SOUTHWEST TO WESTERLY 40 TO 45 KNOTS GUSTING 50 KNOTS
	Weather	SCATTERED RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	HIGH TO VERY HIGH
East Central Bay (WEST OF LONG. 92° EAST)	Wind	SOUTHEAST TO SOUTHERLY 25 TO 35 KNOTS GUSTING 40 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	ROUGH TO VERY ROUGH AAA
South Bay	Wind	:MAINLY SOUTHWESTERLY 15 TO 20 KNOTS
	Weather	SCATTERED RAIN OR THUNDERSHOWERS
	Visibility	GOOD BECOMING MODERATE IN RAIN
	Sea condition	SLIGHT TO MODERATE
Andaman Sea (WEST OF LONG. 95° EAST)	Wind	SOUTH TO SOUTHWESTERLY 15 TO 20 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS

Visibility	GOOD BECOMING MODERATE IN RAIN
Sea condition	SLIGHT TO MODERATE

Part Four

NIL

Part Five

NIL

Part Six

AAXX 02403 99942 807 21495 80703 10256 40085 811 21496 80703 10250 40077 901 21496
80208 10250 40049 806 21496 80205 10248 40072 903 22596 80408 10252 40054 895 21495
83608 10252 40056 976 21495 83207 10254 40016

99943 049 21495 82906 10256 40054 053 21495 83406 10248 40027 105 31996 63202 10260
40061 150 31596 72904 10284 40076 185 31596 73203 10266 40088 245 32597 42705 10286
40101 346 32597 62504 10296 40112 279 32597 73202 10274 40108

TOO : 12.30 IST 24/10/2024

Duty Officer
For head
Area Cyclone Warning Centre, Kolkata, 24/10/2024