



AURORA OBSERVATION :: Dated - Wednesday 23/10/2024

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 CYCLONE WARNING OVER BAY OF BENGAL

Part Two

The cyclonic storm "DANA" (pronounced as Dana) over eastcentral Bay of Bengal moved northwestwards with a speed of 15 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 23rd October, over the same region near latitude 16.5°N and longitude 89.6°E, about 520 km southeast of Paradip (Odisha), 600 km south-southeast of Sagar Island (West Bengal) and 610 km south-southeast of Khepupara (Bangladesh). It is very likely to move northwestwards and intensify into a severe cyclonic storm over northwest Bay of Bengal by early morning of 24th and cross north Odisha and West Bengal coasts between Puri and Sagar Island close to Bhitarkanika and Dhamara (Odisha) during 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 23/10/2024

North Bay	Wind	NORTHEAST TO EASTERLY 25 TO 30 KNOTS GUSTING TO 35 KNOTSAAA
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	ROUGH TO VERY ROUGH AAA
West Central Bay	Wind	NORTHWESTERLY TO NORTHERLY 30 TO 35 KNOTS GUSTING TO 40 KNOTS
	Weather	FAIRLY WIDESPREA RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	VERY ROUGH TO HIGH .
East Central Bay(WEST OF LONG. 92° EAST)	Wind	CYCLONIC ; 35 TO 40 KNOTS GUSTING TO 45 KNOTS AROUND 100 NM OF SYSTEM CENTRE , 30 TO 35 KNOT GUSTING TO 40 KNOTS ELSEWHERE
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY TO VERY HEAVY RAIN
	Visibility	MODERATE TO POOR BECOMING VERY POOR IN HEAVY TO VERY HEAVY RAIN
	Sea condition	HIGH AAA
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	SLIGHT TO MODERATE .
Andaman Sea(WEST OF LONG. 95° EAST)	Wind	SOUTH TO SOUTHWESTERLY 15 TO 20 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS .

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

Part Four

NIL

Part Five

NIL

Part Six

AAXX 02303 99942 807 31595 60501 10276 40110 811 32596 80201 10278 40109 901 32596
60204 10274 40101 806 32596 70202 10278 40109 895 32596 63404 10274 40111 976 31895
83203 10268 40103

99943 049 31595 73404 10258 40108 053 31595 73606 10270 40098 105 31596 73402 10262
40100 150 31596 60502 10286 40107 185 31596 23203 10286 40104 245 32597 22703 10292
40105 346 32597 30000 10298 40106 279 32597 23202 10296 40108

TOO : 12.30 IST 23/10/2024

Duty Officer
For head
Area Cyclone Warning Centre, Kolkata, 23/10/2024