



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

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 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 12 kmph during past 6 hours and lay centred at 1430 hrs IST of today, the 23rd October, over the eastcentral & adjoining westcentral Bay of Bengal near latitude 16.9° N and longitude 89.1°E, about 460 km southeast of Paradip (Odisha), 490 km south-southeast of Dhamara (Odisha) and 540 km south-southeast of Sagar Island (West Bengal). 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 upto 21.00 UTC 23/10/2024

East Central Bay	Wind	CYCLONIC ; 40 TO 45 KNOTS GUSTING TO 50 KNOTS AROUND 100 NM OF SYSTEM CENTRE , 30 TO 35 KNOT GUSTING TO 40 KNOTS ELSEWHERE
	Visibility	MODERATE TO POOR BECOMING VERY POOR IN HEAVY TO VERY HEAVY RAIN

TOO : 16.30 IST 23/10/2024

Duty Officer
ACWC Kolkata
23/10/2024