



Government of India
India Meteorological Department
Regional Meteorological Centre, Alipore, Kolkata - 700027

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

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 SEVERE CYCLONE WARNING OVER BAY OF BENGAL 240900UTC

Part Two

The severe cyclonic storm "DANA" (pronounced as Dana) over northwest Bay of Bengal moved north-northwestwards with a speed of 13 kmph during past 6 hours and lay centred at 1730 hrs IST of today, the 24th October, over the same region, near latitude 19.8° N and longitude 87.5°E, about 100 km east-southeast of Paradip (Odisha), 130 km south-southeast of Dhamara (Odisha) and 210 km south-southwest 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 for 12 Hrs from 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 50 KNOTS GUSTING TO 55 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY TO VERY HEAVY RAIN
	Visibility	POOR BECOMING VERY POOR IN VERY HEAVY TO EXTREMELY HEAVY RAIN AROUND 100 NM OF CYCLONIC STORM CENTRE; ELSEWHERE MODERATE BECOMING POOR IN HEAVY TO VERY HEAVY RAIN
	Sea condition	HIGH TO VERY HIGH
North East Bay	Wind	MAINLY SOUTHEASTERLY 35 TO 40 KNOTS GUSTING TO 50 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	HIGH
West Central Bay	Wind	SOUTHWEST TO WESTERLY 35 TO 40 KNOTS GUSTING 50 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	HIGH
East Central Bay(WEST OF LONG. 92° EAST)	Wind	MAINLY SOUTHERLY 30 TO 35 KNOTS GUSTING 40 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	VERY ROUGH TO HIGH
South Bay	Wind	MAINLY SOUTHWESTERLY 15 TO 20 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN RAIN
	Sea condition	SLIGHT TO MODERATE
Andaman Sea(WEST OF LONG. 95° EAST)	Wind	SOUTHWEST TO WESTERLY 15 TO 20 KNOTS
	Weather	FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN RAIN

Sea condition	SLIGHT TO MODERATE
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Part Four

NIL

Part Five

NIL

Part Six

AAXX 02412 99942 807 21495 80903 10252 40043 811 21596 80704 10244 40028 901 21496
80506 10250 40009 806 21396 80502 10246 40037 903 22996 80612 10264 40007 895 21494
80208 10248 40008 976 21495 83214 10248 49962
99943 049 21495 82504 10260 40024 053 21495 83606 10256 49997 105 32597 70000 10290
40030 150 31996 70000 10294 40045 185 31596 72903 10292 40048 245 32597 63403 10322
40064 346 32597 62005 10306 40073 279 31596 70000 10292 40068

TOO : 21.30 IST 24/10/2024

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