



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

BALLOON OBSERVATION :: Dated - Saturday 25/05/2024

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 BAY OF BENGAL 251200 UTC

Part Two

The Deep Depression over Eastcentral Bay of Bengal moved nearly northward with a speed of 12 kmph during past 06 hours, intensified into a *Cyclonic Storm "Remal" (pronounced as "Re-Mal")* and lay centered at 1730 hrs IST of today, the 25th May, 2024 over the North & adjoining Eastcentral Bay of Bengal near latitude 18.8°N and longitude 89.5°E, about 360 km south-southwest of Khepupara (Bangladesh), 350 km south-southeast of Sagar Islands (West Bengal) and 390 km south-southeast of Canning (West Bengal). It is very likely to continue to move nearly northwards and intensify into a Severe Cyclonic Storm by 26th May morning over Northwest and adjoining Northeast Bay of Bengal and *cross Bangladesh and adjoining West Bengal coasts between Sagar Island and Khepupara by 26th May midnight* as a Severe Cyclonic Storm with wind speed of 110-120 gusting to 135 kmph.

Part Three : Sea area forecast valid for 12 Hrs from 21 UTC of 25/05/2024

North Bay	Wind	CYCLONIC ; 50 TO 60 KNOTS GUSTING TO 65 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	POOR BECOMING VERY POOR IN HEAVY TO VERY HEAVY RAIN
	Sea condition	VERY HIGH BECOMING PHENOMENAL IN GUST
Central Bay(WEST OF LONG. 92° EAST)	Wind	CYCLONIC ; 35 TO 40 KNOTS GUSTING TO 45 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	POOR BECOMING VERY POOR IN HEAVY TO VERY HEAVY RAIN
	Sea condition	HIGH BECOMING VERY HIGH IN GUST
South Bay	Wind	MAINLY SOUTHWESTERLY; 25 TO 30 KNOTS GUSTING TO 35 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	ROUGH TO VERY ROUGH BECOMING HIGH IN GUST
Andaman Sea(WEST OF LONG. 95° EAST)	Wind	MAINLY SOUTHWESTERLY; 20 TO 25 KNOTS GUSTING TO 30 KNOTS
	Weather	WIDESPREAD RAIN OR THUNDERSHOWERS
	Visibility	MODERATE BECOMING POOR IN HEAVY RAIN
	Sea condition	MODERATE TO ROUGH BECOMING VERY ROUGH IN GUST

Part Four

NIL

Part Five

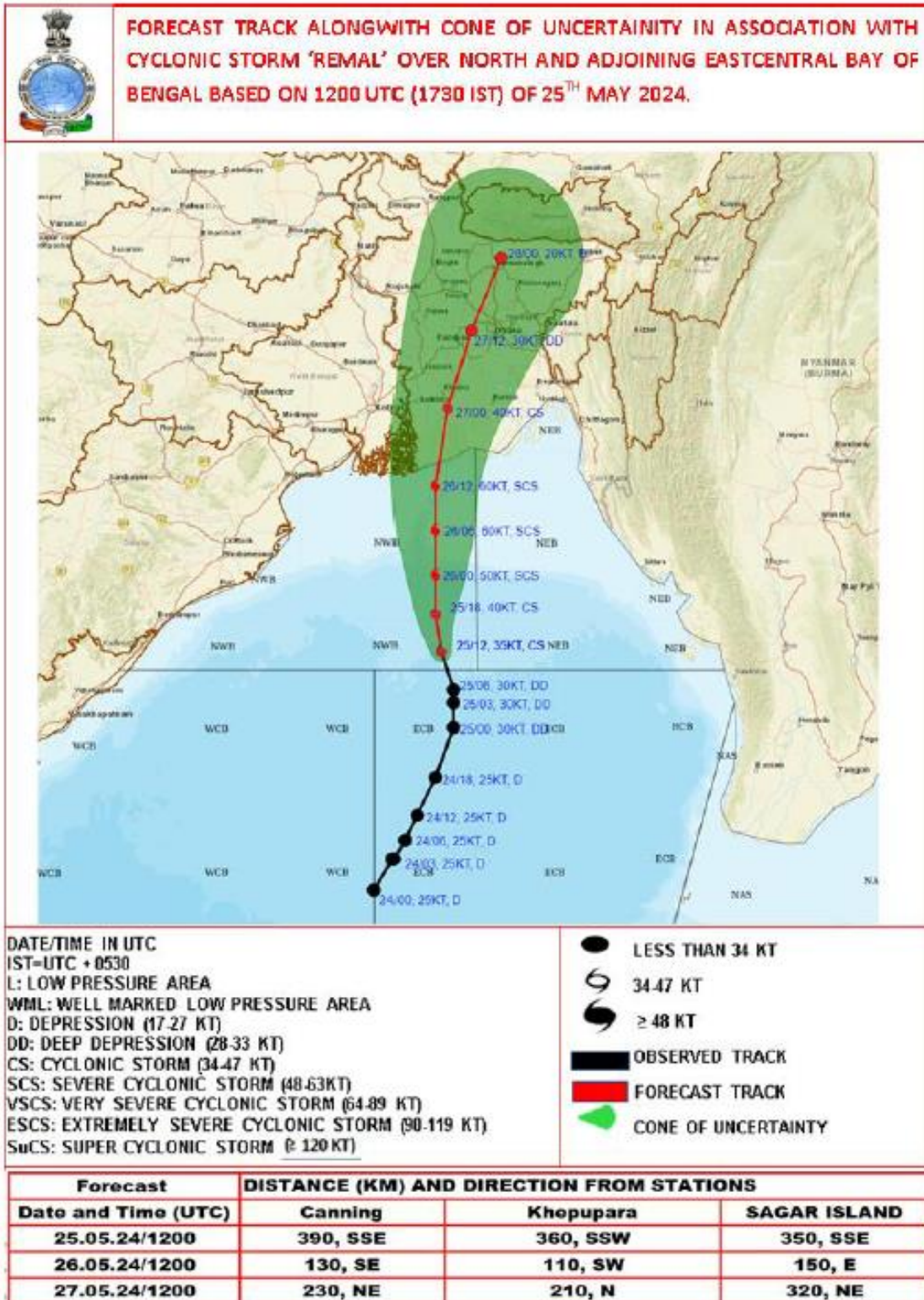
NIL

Part Six

PART SIX 02512 99942 807 22596 60502 10326 49981 811 32996 00000 10320 49980 901 22596
 30000 10304 49968 806 32496 50901 10316 49976 903 32996 21102 10326 49952 895 32596
 40202 10318 49972 976 21595 53601 10306 49978
 99943 049 21595 72305 10292 49975 053 22596 60000 10328 49972 105 32596 62303 10310
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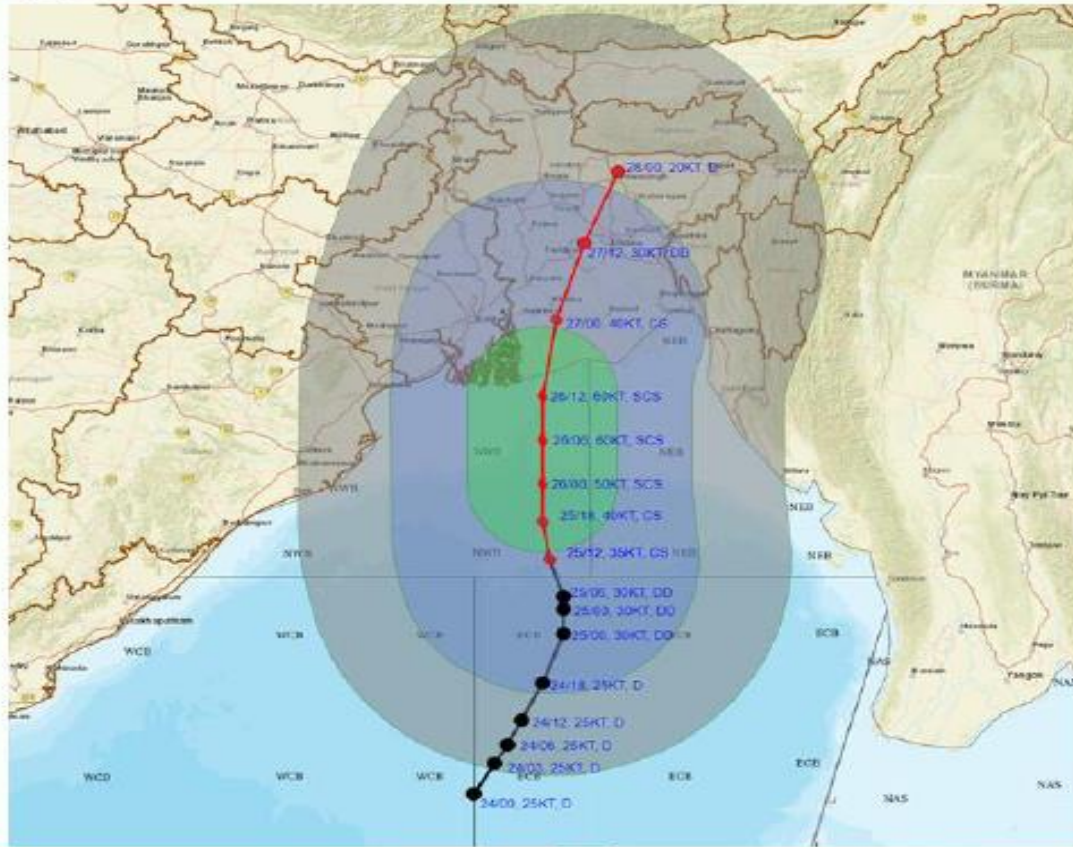
TOO : 21.30 IST 25/05/2024

Duty Officer
 For head
 Area Cyclone Warning Centre, Kolkata, 25/05/2024





FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH CYCLONIC STORM 'REMAL' OVER NORTH AND ADJOINING EASTCENTRAL BAY OF BENGAL BASED ON 1200 UTC (1730 IST) OF 25TH MAY 2024.



DATE/TIME IN UTC

IST=UTC +0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT

○ 34-47 KT

● ≥ 48 KT

— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

■ 50-63 KT (92-117 KMPH)

■ ≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

