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

AURORA OBSERVATION :: Dated - Friday 09/12/2022

From :: Area Cyclone Warning Center Kolkata(Alipore Weather office)
To :: Portblair Radio , Kolkata Port Wireless

Part One

TTT Cyclone warning Bay of Bengal 090300 UTC

Part Two

The severe cyclonic storm “Mandous” pronounced as “Man-Dous”over Southwest Bay of Bengal moved west-northwestwards with a speed of 12 kmphduring past 06 hours, weakened into a cyclonic storm and lay centered at 0830 hours IST of today, the 09th December, 2022 over Southwest Bay of Bengal off north Tamilnadu and Puducherry coasts near latitude 11.1°N and longitude 81.5°E, about 280 km north of Trincomalee (Sri Lanka), 230 km northeast of Jaffna (Sri Lanka), 180 km east-northeast of Karaikal and about 260 km south-southeast of Chennai. The cyclone is being monitored by Doppler Weather Radar Karaikal and Chennai. It is very likely to move nearly northwestwards and cross north Tamilnadu, Puducherry and adjoining south Andhra Pradesh coasts between Puducherry and Sriharikota around Mamallapuram (Mahabalipuram) as a cyclonic storm with a maximum sustained wind speed of 65-75 kmph gusting to 85 kmph during midnight of today, the 09th December to early hours of tomorrow, the 10th December. Weather seasonal over rest Bay of Bengal and Andaman sea.

Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 09/12/2022

North Bay	Wind	North to Northeasterly; 10 to 15 knots.
	Weather	Isolated rain or thundershowers.
	Visibility	Good becoming moderate in rain.
	Sea condition	Smooth to slight.
West Central Bay	Wind	East to Southeasterly; 25 to 30 knots gusting to 35 knots around 100 NM of storm centre, elsewhere 20-25 knots.
	Weather	Fairly wideapread rain or thundershowers.
	Visibility	Moderate becoming poor in heavy rain.
	Sea condition	I) Rough to Very roungh becoming high in gusts around 100 NM of storm centre. II) Moderate to Rough elsewhere.
East Central Bay(WEST OF LONG. 92° EAST)	Wind	Mainly Southeasterly; 15 to 20 knots.
	Weather	Isolated rain or thundershowers.
	Visibility	Good becoming moderate in rain.
	Sea condition	Slight to moderate.
South East Bay & Andaman Sea(W of lon 95°E)	Wind	Southeast to Southerly; 15 to 20 knots.
	Weather	Scattered rain or thundershowers.
	Visibility	Good becoming moderate in rain.
	Sea condition	Slight to moderate.
South West Bay	Wind	I) Cyclonic circulation; 35 to 40 knots gusting to 45 knots around 100 NM of Storm centre II) South to Southwesterly; 20 to 25 knots elsewhere.
	Weather	Widespread rain or thundershowers.
	Visibility	I) Poor becoming very poor in heavy to very heavy rain around 100NM of Storm centre. II) Moderate becoming poor in heavy rain elsewhere.

Sea condition	I) High becoming Very high in gusts around 100 NM of storm Centre. II) Moderate to rough elsewhere.

TOO : 12.30 IST 09/12/2022

Duty Officer
For head
Area Cyclone Warning Centre, Kolkata, 09/12/2022