



AURORA OBSERVATION :: Dated - Monday 04/12/2023

From :: Area Cyclone Warning Center Kolkata (Alipore Weather office)

To :: Port Blair Radio, Kolkata Port Wireless

Part One

TTT Cyclone warning Bay of Bengal 040300 UTC.

Part Two

The Cyclonic Storm "MICHAUNG" (pronounced as MIGJAUM) over Westcentral & adjoining Southwest Bay of Bengal off south Andhra Pradesh and adjoining north Tamilnadu coasts moved northwestwards with a speed of 8 kmph during past 06 hours, intensified into a Severe Cyclonic Storm and lay centered at 0830 hours IST of 4th December, 2023 over the same region near Latitude 13.3°N and Longitude 81.0°E, about 90 km east-northeast of Chennai, 170 km southeast of Nellore, 200 km northeast of Puducherry, 300 km south-southeast of Bapatla and 320 km south of Machilipatnam. It is likely to intensify gradually and move nearly northwards almost parallel and close to south Andhra Pradesh coast and cross South Andhra Pradesh coast between Nellore and Machilipatnam, close to Bapatla during forenoon of 5th December as a Severe Cyclonic Storm with a maximum sustained wind speed of 90-100 kmph gusting to 110 kmph. Weather seasonal over rest Bay of Bengal and Andaman sea.

Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 04/12/2023

North Bay	Wind	North to Northeasterly; 10 to 15 knots.
	Weather	Fair.
	Visibility	Good.
	Sea condition	Smooth to Slight.
West Central Bay	Wind	Cyclonic Circulation, 40 to 45 knots gusting to 55 knots around 100 NM of storm centre; elsewhere mainly Easterly, 20 to 25 knots gusting to 30 knots.
	Weather	Fairly widespread rain and thundershower.
	Visibility	Very poor in Very heavy to Extremely heavy rain around 100 NM of storm centre; elsewhere moderate becoming poor in rain.
	Sea condition	High to very high around 100 NM of storm centre; elsewhere Moderate to rough becoming very rough in gust.
East Central Bay (WEST OF LONG. 92° EAST)	Wind	Northeast to Easterly; 10 to 15 knots.
	Weather	Fair.
	Visibility	Good.
	Sea condition	Smooth to slight.
South East Bay & Andaman Sea (W of lon 95°E)	Wind	East to Southeasterly; 10 to 15 knots.
	Weather	Scattered rain or thundershower.
	Visibility	Good becoming moderate in rain.
	Sea condition	Smooth to slight.
South West Bay	Wind	Cyclonic Circulation, 45 to 50 knots gusting to 55 knots around 100 NM of storm centre; elsewhere South to southwesterly 20 to 25 knots gusting to 30 knots.
	Weather	Widespread rain or thundershower.
	Visibility	Poor becoming very poor in Very heavy to Extremely heavy rain around 100 NM of storm centre; elsewhere moderate becoming poor in very heavy rain.

Sea condition	High to very high around 100 NM of storm centre; elsewhere Moderate to rough becoming very rough in gust.
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TOO : 12.30 IST 04/12/2023

Duty Officer
For head
Area Cyclone Warning Centre, Kolkata, 04/12/2023