



AURORA OBSERVATION :: Dated - Thursday 11/05/2023

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

To :: Port Blair Radio, Kolkata Port Wireless

Part One

TTT cyclone warning Bay of Bengal dated 110300UTC

Part Two

The cyclonic storm "Mocha" pronounced as "Mokha" over southeast Bay of Bengal moved north-northwestwards with a speed of 8 kmph during past 06 hours, and lay centered at 0830 hours IST of 11th May 2023 over the same region near latitude 11.4°N and longitude 88.0°E, about 510 km west-southwest of Port Blair, 1190 km south-southwest of Cox's Bazar (Bangladesh) and 1100 km south-southwest of Sittwe (Myanmar). It is very likely to move north-northwestwards and gradually intensify into a severe cyclonic storm around night of today, the 11th May. Thereafter, it is likely to recurve gradually, move north-northeastwards from 12th May morning and intensify further into a very severe cyclonic storm around 12th May evening over central Bay of Bengal. It would reach its peak intensity around 13th May evening. It is likely to cross southeast Bangladesh and north Myanmar coasts between Cox's Bazar (Bangladesh) and Kyaukpyu (Myanmar), close to Sittwe (Myanmar) around noon of 14th May, 2023 with maximum sustained wind speed of 140-150 kmph gusting to 165 kmph. Weather seasonal over rest Bay of Bengal and Andaman sea.

Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 11/05/2023

North Bay	Wind	Southeast to Southerly; 15 to 20 knots.
	Weather	Isolated rain or thundershowers.
	Visibility	Good becoming moderate in rain.
	Sea condition	Slight to moderate.
West Central Bay	Wind	Cyclonic Circulation; 30 to 35 knots gusting to 40 knots around 100 NM of Storm centre; elsewhere Northeast to Easterly; 20 to 25 knots.
	Weather	Fairly widespread rain or Thundershowers.
	Visibility	Poor becoming very poor in heavy to very heavy rain around 100NM of storm centre, elsewhere moderate becoming poor in heavy rain .
	Sea condition	Very rough to high in gusts around 100NM of Storm centre; elsewhere moderate to rough.
East Central Bay (WEST OF LONG. 92° EAST)	Wind	Cyclonic Circulation; 40 to 45 knots gusting to 50 knots around 100 NM of Storm centre; elsewhere Southeasterly; 25 to 30 knots.
	Weather	Widespread rain or Thundershowers.
	Visibility	Poor becoming very poor in heavy to very heavy rain around 100NM of storm centre, elsewhere moderate becoming poor in heavy rain .
	Sea condition	High to very high in gusts around 100NM of Storm centre; elsewhere rough to very rough.
South East Bay	Wind	Cyclonic Circulation; 40 to 45 knots gusting to 50 knots around 100 NM of Storm centre; elsewhere Southwesterly; 30 to 35 knots.
	Weather	Widespread rain or thundershowers.
	Visibility	Poor becoming very poor in heavy to very heavy rain around 100NM of storm centre, elsewhere moderate becoming poor in heavy rain .
	Sea condition	High to very high in gusts around 100NM of Storm centre; elsewhere very rough to high.
South West Bay	Wind	Cyclonic Circulation; 25 to 30 knots gusting to 35 knots around 100 NM of Storm centre; elsewhere Southwest to Westerly; 20 to 25 knots.

Weather	Fairly widespread rain or Thundershowers.	
Visibility	Poor becoming very poor in heavy to very heavy rain around 100NM of storm centre, elsewhere moderate becoming poor in heavy rain .	
Sea condition	Rough to very Rough becoming High in gust around 100NM of Storm centre; elsewhere moderate to rough.	
Andaman Sea(WEST OF LONG. 95° EAST)	Wind	South to 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 gusts.

TOO : 12.30 IST 11/05/2023

Duty Officer
For head
Area Cyclone Warning Centre, Kolkata, 11/05/2023