



## Sea Area Bulletins of Bay of Bengal



**AURORA OBSERVATION Date: Wednesday 02<sup>nd</sup> December 2020**

**Sea Area forecast valid for next 12 hours from 0900 UTC of 02/12/2020**

### PART ONE

TTT Warning Bay of Bengal 020300 UTC.

### PART TWO

**Synoptic Situation:** The Cyclonic Storm 'Burevi' over Southwest Bay of Bengal moved westnorthwestwards with a speed of 18 kmph during past six hours and lay centered at 0830 hours IST of today, the 02nd December, 2020 over Southwest Bay of Bengal near Lat. 8.6°N and Long. 83.0°E, about 200 km east of Trincomalee (Sri Lanka), 420 km eastsoutheast of Pamban (India) and 600 km nearly eastnortheast of Kanniyakumari (India). It is very likely to intensify further during next 12 hours. It is very likely to move westnorthwestwards and cross Sri Lanka coast around Latitude 9.0°N, to north of Trincomalee during evening/night of 02nd December as a Cyclonic Storm with a wind speed of 80-90 kmph gusting to 100 kmph. It is very likely to move nearly westnorthwestwards thereafter, emerge into Gulf of Mannar & adjoining Comorin area on 03rd December morning. The cyclonic Storm with wind speed 70-80 kmph gusting to 90 kmph would be centred very close to Pamban around noon of 3rd December. It would then move nearly westsouthwestwards very close to coast slowly and cross south Tamil Nadu coast between Kanniyakumari and Pamban during 3rd December night and 4th December early morning as a Cyclonic Storm with wind speed of 70-80 kmph gusting to 90 kmph. Thus its impact on south Tamilnadu coastal districts is very likely to commenced from 3rd December forenoon initially over Ramnathpuram district and gradually towards Kanyakumari district. A low pressure area likely to form over South Andaman Sea & neighbourhood around 4th December. Weather seasonal over rest Bay of Bengal & Andaman Sea.

### PART THREE

#### ◆ NORTH BAY

Wind: Mainly Northerly; 05 to 10 knots.

Weather: Fair.

Visibility: Good.

Sea Condition: Smooth.

#### ◆ SOUTH EAST BAY & ANDAMAN SEA (WEST OF LONG 95° E)

**Wind:** Northeast to Easterly; 15 to 20 knots.

**Weather:** Fairly widespread rain or thundershowers.

**Visibility:** Good becoming moderate in rain.

**Sea Condition:** Slight to moderate.

◆ EAST CENTRAL BAY (WEST OF LONG 92°E)

**Wind:** North to Northeasterly; 10 to 15 knots.

**Weather:** Isolated rain or thundershowers.

**Visibility:** Good becoming moderate in rain.

**Sea Condition:** Smooth to Slight.

◆ SOUTH WEST BAY

**Wind:** Cyclonic circulation; 40 to 45 knots gusting to 50 knots around 100 Nautical Miles of Storm centre; 20 to 25 knots gusting to 30 knots elsewhere.

**Weather:** Widespread rain or thundershowers.

**Visibility:** Poor becoming very poor in heavy to very heavy rain around 100 Nautical Miles of Storm centre. Moderate becoming poor in heavy rain elsewhere.

**Sea Condition:** High to very high around 100 Nautical Miles of Storm centre; Moderate to rough becoming very rough in gust elsewhere.

◆ WEST CENTRAL BAY

**Wind:** Mainly Northeasterly; 10 to 15 knots.

**Weather:** Isolated rain or thundershowers.

**Visibility:** Good becoming moderate in rain.

**Sea Condition:** Smooth to Slight.

◆ X

**Wind:** X.

**Weather:** X.

**Visibility:** X.

**Sea Condition:** X.