

GLOBAL MARITIME 221930 IST

DATE/TIME OF ISSUE: 22-10-2024/1400 UTC

SPL GMDSS BULLETIN NO-4 221400

ISSUED BY: INDIA METEOROLOGICAL DEPARTMENT, NEW DELHI

HIGH SEA FORECAST FOR MET. AREA VIII (N)

AREA OF COVERAGE: AREA OF THE INDIAN OCEAN ENCLOSED BY LINES FROM THE INDO-PAKISTAN FRONTIER AT 23°45'N 68 DEG E TO 00 DEG N 6 DEG E, THENCE TO CAPE GARDAFUI; THE EAST AFRICAN COAST SOUTH TO THE EQUATOR, THENCE TO 95 DEG E, TO 6 DEG N, THENCE NORTH EASTWARDS TO MYANMAR/THAIL FRONTIER IN 10 DEG N 98 DEG 30'E NORTHWARDS COVERING ENTIRE BAY OF BENGAL.

VALID FROM 12 UTC OF 22<sup>ND</sup> OCTOBER 2024 TO 12 UTC OF 24<sup>TH</sup> OCTOBER 2024.

PART-I NO STORM WARNING:

PART-II SYNOPTIC WEATHER SYSTEM AT 1200 UTC:

**SUBJECT: DEEP DEPRESSION OVER EASTCENTRAL BAY OF BENGAL (PRE-CYCLONE WATCH FOR ODISHA AND WEST BENGAL COASTS)**

THE DEPRESSION OVER EASTCENTRAL BAY OF BENGAL MOVED WEST-NORTHWESTWARDS WITH A SPEED OF 7 KMPH DURING PAST 6 HOURS, INTENSIFIED INTO A DEEP DEPRESSION AND LAY CENTRED AT 1730 HRS IST OF TODAY, THE 22ND OCTOBER, OVER THE SAME REGION NEAR LATITUDE 15.6° N AND LONGITUDE 90.9°E, ABOUT 690 KM SOUTHEAST OF PARADIP (ODISHA), 740 KM SOUTH-SOUTHEAST OF SAGAR ISLAND (WEST BENGAL) AND 710 KM SOUTH-SOUTHEAST OF KHEPUPARA (BANGLADESH).

IT IS VERY LIKELY TO MOVE WEST-NORTHWESTWARDS AND INTENSIFY INTO A CYCLONIC STORM BY 23RD OCTOBER, 2024 OVER EASTCENTRAL BAY OF BENGAL. THEREAFTER, CONTINUING TO MOVE NORTHWESTWARDS, IT IS VERY LIKELY TO INTENSIFY INTO A SEVERE CYCLONIC STORM OVER NORTHWEST BAY OF BENGAL BY MORNING OF 24TH AND CROSS NORTH ODISHA AND WEST BENGAL COASTS BETWEEN PURI AND SAGAR ISLAND DURING NIGHT OF 24TH TO MORNING OF 25TH OCTOBER, 2024 AS A SEVERE CYCLONIC STORM WITH A WIND SPEED OF 100-110 KMPH GUSTING 120 KMPH.

PART-III AREA FORECAST:

**AREA: ARB A1 (ARABIAN SEA)-EQUATOR TO 10 DEG N W OF 80 DEG E.**

**ARB A1-FORECAST VALID FROM 12 UTC OF 22<sup>ND</sup> OCT 2024 TO 12 UTC OF 23<sup>RD</sup> OCT 2024.**

I) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: SW-LY 05/15 KTS.

2) REST AREA: W/NW-LY 05/10 KTS BEC SW-LY 05/15 KTS TO THE E OF 75 DEG E.

II) WAVE HEIGHT: 1.0-1.5 M.

III) WEATHER: 1) N OF 5 DEG N TO THE E OF 55 DEG E: FAIRLY WIDESPREAD RA/TS.

2) REST AREA: ISOLATED RA/TS.

IV) VISIBILITY: 1) N OF 5 DEG N TO THE E OF 55 DEG E: POOR.

2) REST AREA: GOOD.

**ARB A1-FORECAST VALID FROM 12 UTC OF 23<sup>RD</sup> OCT 2024 TO 12 UTC OF 24<sup>TH</sup> OCT 2024.**

I) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: SW/W-LY 05/15 KTS.

2) REST AREA: NW/W-LY 05/10 KTS BEC W/SW-LY 10/15 KTS TO THE E OF 70 DEG E.

II) WAVE HEIGHT: 1.0-1.5 M.

III) WEATHER: 1) N OF 3 DEG N TO THE E OF 56 DEG E: WIDESPREAD RA/TS.

2) REST AREA: FAIR.

IV) VISIBILITY: 1) N OF 3 DEG N TO THE E OF 56 DEG E: VERY POOR.

2) REST AREA: GOOD.

**ARB A2-ARABIAN SEA:-23 DEG 45 MIN N 68 DEG E TO 00 DEG N 63 DEG E TO CAPE GARDAFUI TO N OF 10 DEG N. 55**

**ARB A2-FORECAST VALID FROM 12 UTC OF 22<sup>ND</sup> OCT 2024 TO 12 UTC OF 23<sup>RD</sup> OCT 2024.**

I) WIND DIRECTION AND SPEED: 1) S OF 20 DEG N TO THE W OF 65 DEG E: CYCLONIC 05/15 KTS

AT 56 DEG E AND 15 DEG N.  
2) N OF 20 DEG N: ANTI-CYCLONIC 05/10 KTS.  
3) REST AREA: N/NW-LY 05/10 KTS.

- II) WAVE HEIGHT: 1.0-1.5 M.
- III) WEATHER: 1) S OF 20 DEG N: ISOLATED RA/TS.  
2) REST AREA: FAIR.
- IV) VISIBILITY: 1) S OF 20 DEG N: GOOD.  
2) REST AREA: GOOD.

**ARB A2-FORECAST VALID FROM 12 UTC OF 23<sup>RD</sup> OCT 2024 TO 12 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) N OF 15 DEG N TO THE W OF 65 DEG E:  
ANTI-CYCLONIC 05/10 KTS.  
3) REST AREA: N/NW-LY 05/10 KTS.

- II) WAVE HEIGHT: 1.0-1.5 M.
- III) WEATHER: 1) S OF 16 DEG N TO THE E OF 60 DEG E: SCATTERED RA/TS.  
2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) S OF 16 DEG N TO THE E OF 60 DEG E: MODERATE  
2) REST AREA: GOOD.

**BOB A3-BAY OF BENGAL: EQUATOR TO 10 DEG N BETWEEN E OF 80 DEG E WEST OF 10 DEG N/98 DEG 30 MIN E TO 6 DEG N/95 DEG E THENCE S-WARDS TO EQUATOR.**

**BOB A3-FORECAST VALID FROM 12 UTC OF 22<sup>ND</sup> OCT 2024 TO 12 UTC OF 23<sup>RD</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) W OF 90 DEG E: S/SW-LY 05/15 KTS.  
2) REST AREA: SE/S-LY 05/10 KTS BEC SW-LY 10/20 KTS TO THE N OF 5 DEG N.
- II) WAVE HEIGHT: 1.5-2.5 M.
- III) WEATHER: 1) N OF 5 DEG N: WIDESPREAD RA/TS.  
2) REST AREA: FAIR.
- IV) VISIBILITY: 1) N OF 5 DEG N: VERY POOR.  
2) REST AREA: GOOD.

**BOB A3-FORECAST VALID FROM 12 UTC OF 23<sup>RD</sup> OCT 2024 TO 12 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: S/SW-LY 05/15 KTS.
- II) WAVE HEIGHT: 1.0-2.5 M.
- III) WEATHER: 1) N OF 4 DEG N: WIDESPREAD RA/TS.  
2) REST AREA: FAIR.
- IV) VISIBILITY: 1) N OF 4 DEG N: VERY POOR.  
2) REST AREA: GOOD.

**BOB: A4: BAY OF BENGAL N OF 10 DEG N E OF 80 DEG E.**

**BOB A4-FORECAST VALID FROM 12 UTC OF 22<sup>ND</sup> OCT 2024 TO 12 UTC OF 23<sup>RD</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: CYCLONIC 34/47 KTS AT 16.1 DEG N AND 89.7 DEG E.
- II) WAVE HEIGHT: 6.0-9.0 M.
- III) WEATHER: 1) E OF 86 DEG E: WIDESPREAD RA/TS.  
..... 2) S OF 13 DEG N TO THE W OF 86 DEG E: WIDESPREAD RA/TS.  
3) REST AREA: FAIR.
- IV) VISIBILITY: 1) E OF 86 DEG E: VERY POOR.  
..... 2) S OF 13 DEG N TO THE W OF 86 DEG E: VERY POOR.  
3) REST AREA: GOOD.

**BOB A4-FORECAST VALID FROM 12 UTC OF 23<sup>RD</sup> OCT 2024 TO 12 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: CYCLONIC 48/63 KTS AT 19.3 DEG N AND 87.6 DEG E.
- II) WAVE HEIGHT: 9.0-14.0 M.
- III) WEATHER: 1) E OF 85 DEG E: WIDESPREAD RA/TS.  
..... 2) S OF 12 DEG N TO THE W OF 86 DEG E: ISOLATED RA/TS.  
3) REST AREA: FAIR.
- IV) VISIBILITY: 1) E OF 85 DEG E: VERY POOR.  
..... 2) S OF 12 DEG N TO THE W OF 86 DEG E: GOOD.  
3) REST AREA: GOOD.

ADVISORY: PLEASE BE AWARE. WIND WAVE FORECASTS ARE AVERAGES. WIND GUSTS CAN BE 40 PER CENT STRONGER THAN THE FORECAST. MAXIMUM WAVE HEIGHT CAN BE TWICE THE FORECAST WAVE HEIGHT.

NEXT FORECAST WILL BE ISSUED AT 22/1700 UTC.

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TOO: 22/1400.