

GLOBAL MARITIME 230900 IST

DATE/TIME OF ISSUE: 23-10-2024/0330 UTC

SPL GMDSS BULLETIN NO-5 230330

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 00 UTC OF 23<sup>rd</sup> OCTOBER 2024 TO 00 UTC OF 25<sup>th</sup> OCTOBER 2024.

**PART-I STORM WARNING:**

PART-II SYNOPTIC WEATHER SYSTEM AT 0000 UTC:

**SUBJECT: CYCLONIC STORM OVER EASTCENTRAL BAY OF BENGAL (CYCLONE ALERT FOR ODISHA AND WEST BENGAL COASTS: **ORANGE MESSAGE**)**

YESTERDAY'S DEEP DEPRESSION OVER EASTCENTRAL BAY OF BENGAL MOVED WEST-NORTHWESTWARDS WITH A SPEED OF 18 KMPH DURING PAST 6 HOURS INTENSIFIED INTO A CYCLONIC STORM "DANA" (PRONOUNCED AS DANA), AND LAY CENTRED AT 0530 HRS IST OF TODAY, THE 23RD OCTOBER, OVER THE SAME REGION NEAR LATITUDE 16.3° N AND LONGITUDE 89.9°E, ABOUT 560 KM SOUTHEAST OF PARADIP (ODISHA), 630 KM SOUTH-SOUTHEAST OF SAGAR ISLAND (WEST BENGAL) AND 630 KM SOUTH-SOUTHEAST OF KHEPUPARA (BANGLADESH).

IT IS VERY LIKELY TO MOVE NORTHWESTWARDS AND INTENSIFY INTO A SEVERE CYCLONIC STORM OVER NORTHWEST BAY OF BENGAL BY EARLY 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 00 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</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 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 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 00 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</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 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 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 00 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</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 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 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 00 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: CYCLONIC 34/47 KTS AT 16.3 DEG N AND 89.9 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 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 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 23/0600 UTC.

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TOO: 23/0900